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Science Careers

MULTIPLY THE POWER OF SCIENCE

POSITIONS OPEN
Northeastern University
FACULTY POSITION in FISHERIES BIOLOGY
The Department of Biology invites applications for a tenure-track position at the rank of ASSISTANT PROFESSOR to start as early as September 2011. While we seek a junior faculty member at the Assistant Professor level, exceptionally qualified candidates could be considered at a higher level. Qualifications include a Ph.D. in Marine Biology or a related discipline, postdoctoral/ professional experience, and evidence of outstanding research and academic potential. Candidates are expected to have or to develop an independently funded research program of national caliper and participate in undergraduate and graduate teaching. Expertise in all areas of biology will be considered, especially those in molecular biology, physiology, ecology, and evolution. We are particularly interested in applicants whose research involves economically important fisheries species, including resource management, sustainability, conservation, and policy. Although the successful candidate’s appointment is within the Department of Biology, the primary office and laboratory space will be at Northeastern University’s Marine Science Center (MSC) located in Nahant, Massachusetts. Hence, the successful candidate is expected to complement and strengthen existing research and teaching efforts within the MSC (website: http://marinesciencecenter.yolasite.com/) and the Department of Biology (website: http://www.biology.neu.edu/).

To apply, visit “Careers at Northeastern” at website: https://psouf.neu.edu/psc/neuhrprdpub/EMPLOYEE/HRMS/c/NEU_HR/NEU_JOBS.GBL. Click on “Faculty Positions” and search for the current position under the College of Science. Applicants can also be submitted by visiting the College of Science website: http://www.ccm.neu.edu/cos/ and clicking on the Faculty Positions button. A complete application should include curriculum vitae; a statement of research interests and plans; a statement describing the applicant’s teaching experience, interests, and philosophy; and three letters of recommendation. For questions about the search or to submit external references, call the Search Committee Chair, Dr. Geoffrey C. Trussell, at telephone: 781-581-7370 (ext. 300). Review of applications will begin December 1, 2010, and will continue until the position is filled. Northeastern is an Equal Opportunity/Affirmative Action Title IX University. Women and minority candidates are especially encouraged to apply.

THREE TENURE-TRACK POSITIONS (Rank Open)—The Department of Anatomy at the University of Mississippi Medical Center wishes to fill two positions with a research emphasis, and one with a teaching emphasis, as part of its aggressive program to expand Neurobiology research. For more information about the department, go to website: http://anatomy.umc.edu. Successful candidates for the research positions need to demonstrate experience in teaching in the anatomical sciences. Applicants should electronically send their curriculum vitae, personal statement about research and teaching, and the names and e-mail addresses of three references to Dr. Paul J. May, Search Committee Chair, at e-mail: pmay@anatomy.umc.edu. The University of Mississippi Medical Center is an Equal Opportunity Employer, Minorities/Females/Persons with Disabilities/Veterans.

POSTDOCTORAL ASSOCIATE
Mouse Models of Cancer
Position available immediately at Fox Chase Cancer Center for newly funded project involving mouse models of malignant mesothelioma. Experience in the use of transgenic or knockout mouse models. To ensure background in molecular genetics and/or carcinogenesis required. Campus located in park-like setting in Philadelphia, Pennsylvania. Submit curriculum vitae and names of two references to e-mail: joseph.testa@fccc.edu. Equal Opportunity Employer.

FACULTY POSITION in Organic and Bioorganic Materials Chemistry
University of California, Irvine
The Department of Chemistry at the University of California, Irvine invites applications for a tenure-track position in the field of Organic and Bioorganic Materials Chemistry. We are seeking a Ph.D.-level scientist who will establish a vigorous research program involving an aspect of organic polymers/soft materials (special attention will be given to applications with interests in soft materials related to biology, energy, environment, and catalysis); a strong commitment to teach at the undergraduate and graduate levels is also required. Applications should contain a cover letter, curriculum vita, list of publications, and a description of research plans. Applicants should also arrange to have at least three letters of recommendation submitted electronically on their behalf. Completed applications should be sent electronically, on request, to: https://recruit.ap.uc Irvine.edu. For full consideration, applications and supporting materials should be received by November 15, 2010. The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. UC Irvine has an active ADVANCE Gender Equity Program.

ASSISTANT PROFESSOR
Developmental Biology or Neurobiology, with Focus on Adult Stem Cells
The Department of Biology at Northeastern University, Boston, Massachusetts invites applications for a tenure-track appointment in the area of Developmental Biology or Neurobiology, with specific focus on adult stem cells, and on the role of such cells in tissue regeneration and behavioral plasticity. Although appointment at the assistant professor level is preferred, applications at the associate professor level will be considered for candidates with a particularly strong track record. The anticipated start date is fall 2011. A competitive start package will be available. Responsibilities will include teaching undergraduate and graduate courses and conducting an independent, externally funded research program. The Department has 28 full-time faculty members and administrators programs in biology, biochemistry, behavioral neuroscience, and marine biology for over 1010 undergraduates, and currently hosts 61 students in the Biology Ph.D. program. In addition to facilities at Northeastern’s main campus in the Back Bay area of Boston, the department has faculty and facilities nearby at Northeastern’s Marine Science Center in Nahant, Massachusetts.

Applicants should have a Doctorate in biology or related field, a strong record of publication, and strong potential for external research funding. Candidates must have experience in, or a demonstrated commitment to, working with diverse student populations and/or in a culturally diverse work and educational environment. Applications should be submitted to “Careers at Northeastern” at website: https://psouf.neu.edu/psc/neuhrprdpub/EMPLOYEE/HRMS/c/NEU_HR/NEU_JOBS.GBL. Click on “Faculty Positions” and search for the current position under the College of Science. Website: http://www.northeastern.edu/cos/ and clicking on the Faculty Positions button. A complete application includes a cover letter, curriculum vitae, research statement, teaching statement, and a list of three references. The applicant should ask each referee to submit a letter directly to: Chair, Department of Biology, 134 Mugar Building, 360 Huntington Avenue, Boston, MA 02115. Review of applications will begin immediately. For full consideration, all application materials, including the reference letters, should be submitted by December 15, 2010.

Northeastern University, founded in 1898 and widely recognized for its success in Cooperative Education, is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. It is a participant in the National Science Foundation ADVANCE program (Advancement of Women in Academic Science and Engineering Careers). Candidates from groups underrepresented in science are especially encouraged to apply.

www.sciencecareers.org

SCIENCE VOL 330 29 OCTOBER 2010 693

From the journal Science
sciencesociety.org
Assistant/Associate Professor of Immunology and Infectious Diseases

The Department of Immunology and Infectious Diseases at the Harvard School of Public Health seeks candidates for the position of assistant or associate professor of immunology and infectious diseases. This is a tenure-ladder position, with academic rank to be determined in accordance with the successful candidate’s experience and productivity.

Applicants must have a PhD, MD, DVM, or equivalent degree with extensive training and experience in vector-borne disease systems. The successful candidate will build and maintain an internationally recognized record of publication and extramural funding, supervise student research, and participate actively in the Department’s strategic partnerships.

Send a letter of application, including a statement of current and future research interests; curriculum vitae, including current and past grant support; sample publications; and the names of four referees to the address below. Applicants should ask their four referees to write independently to this address. The electronic submission of application documents to the e-mail below is welcome.

Dr. Dyann Wirth
Chair, Search Committee for Assistant/Associate Professor of Immunology and Infectious Diseases

Department of Immunology and Infectious Diseases
665 Huntington Avenue, SPH1-807
Harvard School of Public Health
Boston, MA 02115

E-mail: shimej@hsp.harvard.edu

Harvard University is committed to increasing representation of women and minority members among its faculty and particularly encourages applications from such candidates.

The National Human Genome Research Institute (NHGRI), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), seeks to identify an outstanding Scientific Director to lead the newly created NIH Center for Translational Therapeutics (NCTT), located in Rockville, Maryland. The NCTT Scientific Director leads a program that discovers and translates novel targets into viable therapeutic compounds aimed to treat rare and neglected diseases. The NCTT brings together diverse and unique scientific expertise to develop and deploy reagents and technologies to translate physiological and genomic insights into functional and therapeutic innovations. The NCTT Scientific Director has the responsibility for an annual budget exceeding $60 million and a staff of ~150. In addition to providing scientific and administrative leadership of this premier research enterprise, the Scientific Director is expected to be an internationally recognized and highly accomplished researcher in drug development, and genetics and/or genomics.

This position offers a unique and exciting opportunity to develop and implement an overall vision for the NCTT that is consistent with the mission and strategic objectives of the NIH. The Scientific Director is responsible for the recruitment and professional development of NCTT staff. S/he plays a key role in creating and maintaining a nurturing research environment that encourages creativity, collaboration among scientists from different disciplines and organizations, effective training of students and postdoctoral fellows, and efficient utilization of resources. The ability to develop productive interactions among NCTT investigators, other NIH Institutes, non-profit and for-profit organizations, and the broader research community is critical, as is the ability to serve as a spokesperson for translational therapeutic research.

Applicants must possess an M.D. and/or Ph.D. or equivalent degree in the biomedical sciences, as well as academic and drug development experience. The applicant must have a broad knowledge of the field of human genetics, genomics, pharmacology including high-throughput screening, and pre-clinical drug development, in addition to having a compelling vision for the future of the field, including novel therapeutic technology development. The applicant must also have demonstrated experience working with biotech/pharma, disease advocacy groups, and research foundation organizations. S/he must have proven experience in directing and managing a scientific research program, with well-honed administrative and interpersonal skills to meet the demands of both research and program direction.

Salary is competitive and will be commensurate with candidate’s experience. A full Federal benefit package is available, including retirement, health and life insurance, long-term care insurance, annual and sick leave, and the thrift savings plan (401K equivalent). Appropriate support for this program will be provided. Interested applicants should submit a cover letter that includes a brief description of research and administrative experience, a current curriculum vitae and program direction.

Applications will be reviewed starting December 1, 2010, and will be accepted until the position is filled.
The NIH is the center of medical and behavioral research for the Nation

making essential medical discoveries that improve health and save lives.

The mission of the National Institute of Dental and Craniofacial Research (NIDCR) is to improve and promote oral, dental, and craniofacial health through research, research training, and the dissemination of health information.

Are you an exceptional candidate who can provide leadership to one of the preeminent Institutes for oral, dental, and craniofacial health research in the world? This position offers a unique opportunity to serve as the chief visionary for the Institute, actively engaging others to create a shared vision of the purpose and direction of the organization. The Director, NIDCR, works collaboratively within the Institute and across the NIH to generate and gain commitment for organizational goals and has a keen awareness of how to navigate through the workings of the public sector to effectively promote and reach NIDCR and NIH objectives. The Director optimizes organization performance by developing strategic priorities, setting and communicating clearly defined expectations, and promoting accountability for results. Serving as a role model for the institute, the Director, NIDCR, demonstrates integrity and fairness, adhering in work and behavior to the highest ethical, scientific research, and business practices standards.

We are looking for applicants with a D.D.S., M.D. and/or Ph.D. who have senior-level research experience and knowledge of research programs in one or more scientific areas related to oral, dental, and craniofacial health. Applicants should be known and respected within their profession, both nationally and internationally, as individuals of outstanding scientific competence.

The successful candidate for this position will be appointed at a salary commensurate with experience and accomplishments, and full Federal benefits, including leave, health and life insurance, retirement and savings plan (401K equivalent) will be provided.

If you are ready for an exciting leadership opportunity, please see the detailed vacancy announcement at http://www.jobs.nih.gov (under Executive Jobs). Applications are due by 11:59 p.m., Friday, December 10, 2010.

NIDCR, NIH AND DHHS ARE EQUAL OPPORTUNITY EMPLOYERS
Tenure/Tenure Track Investigator Position  
Laboratory of Immunology

The Laboratory of Immunology (LI), Division of Intramural Research, National Institute of Allergy and Infectious Diseases, National Institutes of Health, invites applications for a tenure/tenure-track investigator position in immunology. Applicants should have a Ph.D., M.D., or equivalent degree; an outstanding record of postdoctoral accomplishment; and an interest in any area of biomedical research related to immunology.

Specifically, we seek a highly creative individual who will establish an independent, world-class research program that takes full advantage of the special opportunities afforded by the stable, long-term funding of the intramural research program at NIH. Applicants should be interested in developing and applying novel approaches to the study of problems of major biological and/or medical importance, which could include a significant clinical or translational effort in addition to bench research. The successful candidate would have access to the NIH Clinical Center, a state-of-the-art research hospital on the NIH campus in Bethesda, MD, and would have ample opportunity to participate in the activities of the Center for Human Immunology and other trans-NIH initiatives involving technology development, translational investigation, and multidisciplinary science.

Generous ongoing support for salary, technical personnel, postdoctoral fellows, equipment, and research supplies will be provided. Available cores or collaborative facilities include flow cytometry, advanced optical imaging, microarray generation and analysis, high throughput sequencing, computational biology, production of transgenic and gene-manipulated mice, biosafety level (BSL)-3 facilities, chemical genomics, and support for projects involving RNAi screening. In addition to an outstanding, international postdoctoral community, a superior pool of graduate and undergraduate students is available to the successful applicant.

NIAID’s Laboratory of Immunology has a distinguished history of accomplishment in immunology. We strongly encourage application by outstanding investigators who can continue and enhance this record of achievement. Current LI investigators are Ronald Germain, Michael Lenardo, David Margulies, Stefan Muljo, William Paul, Ethan Shevach, and Tsan Xiao.

To apply, e-mail your curriculum vitae, bibliography, and an outline of a proposed research program (no more than two pages) in PDF format to Ms. Bao-Hanh Ngo at LIT-TTSearch@niaid.nih.gov. In addition, three letters of reference must be sent directly from the referee to Drs. Giorgio Trinchieri and Dan Kastner, Co-Chairs, NIAID Search Committee, c/o Ms. Bao-Hanh Ngo at LIT-TTSearch@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, MD 20892-1356. E-mail is preferred.

Applications will be reviewed starting December 13, 2010, and will be accepted until the position is filled. For further information about this position, contact Dr. William Paul at 301-496-5046 or w paul@niaid.nih.gov.

A full package of benefits (including retirement and health, life, and long-term care insurance) is available. Women and minorities are especially encouraged to apply. U.S. citizenship is not required.

Further information on working at NIAID is available on our Web site at www.niaid.nih.gov/careers/LIS.

National Institute of Allergy and Infectious Diseases
Position Description:
The University of Massachusetts Lowell Department of Biological Sciences invites applications for full-time tenure-track faculty positions, rank negotiable, to start September 2011 or thereafter.

The successful candidate will be expected to have a vigorous, externally funded research program, and collaboration within this and other departments is encouraged.

We are seeking established mid-career individuals with expertise in one or more of the following areas: molecular/cell biology, plant science, integrative zoology, vertebrate physiology, comparative vertebrate structure/mechanics, and/or evolutionary developmental biology. Teaching obligations include development of upper-level undergraduate/graduate courses in higher area of expertise and participation in the teaching of core undergraduate courses as needed.

Minimum Qualifications:
- Earned doctorate
- Demonstrated teaching ability at the undergraduate and graduate levels
- Evidence of a sustainable externally funded research program
- Demonstrated publication record in scholarly journals
- Excellent communication and interpersonal skills
- Demonstrated ability to work with diverse student and faculty population

How to apply: Interested applicants should apply online at https://jobs.uml.edu. Applications must be submitted by November 19, 2010. Thank you for considering the University of Massachusetts Lowell as an employer of choice. We look forward to receiving your application.

The University of Massachusetts Lowell is committed to increasing diversity in its faculty, staff, and student populations, as well as curriculum and support programs, while promoting an inclusive environment. We seek candidates who can contribute to that goal and encourage you to apply and to identify your strengths in this area.

Associate Professor Positions
Department of Biological Sciences

The University of Massachusetts Lowell is a comprehensive university with a national reputation in science, technology, and business, and committed to educating students for lifelong success in a diverse world and conducting research that advances knowledge and solves real-world problems. The University is committed to, and values, the diversity of its students and employees. The University of Massachusetts Lowell is in the process of launching a campus-wide strategic planning initiative which is intended to reposition UMass Lowell as a world-class institution over the next decade. A major component of that initiative is to ensure that diversity and inclusion are in every aspect of our strategic plan. We seek a diverse, talented candidate pool to be part of our mission and achievements.

Position Description:
The University of Massachusetts Lowell Department of Biological Sciences invites applications for full-time tenure-track faculty positions, rank negotiable, to start September 2011 or thereafter. The successful candidate will be expected to have a vigorous, externally funded research program, and collaboration within this and other departments is encouraged.

Current faculty research interests include genetics, neurobiology, cancer biology, invertebrate biology, developmental biology, virology, microbial ecology, evolution, and biogeochemistry. Our campus is located very near the vibrant academic and commercial biotechnology centers of Boston, Cambridge and Worcester.

We are seeking established mid-career individuals with expertise in one or more of the following areas: molecular/cell biology, plant science, integrative zoology, vertebrate physiology, comparative vertebrate structure/mechanics, and/or evolutionary developmental biology. Teaching obligations include development of upper-level undergraduate/graduate courses in higher area of expertise and participation in the teaching of core undergraduate courses as needed.

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FACULTY POSITION
MOLECULAR AND CELLULAR PHARMACOLOGY

The Department of Molecular and Cellular Pharmacology at the University of Miami Miller School of Medicine is seeking applications for a TENURE-TRACK FACULTY POSITION (rank open). Candidates must have a Ph.D. and/or M.D. degree and have an established record of research excellence. Applicants from all areas of molecular/cellular biology and biomedical research are welcome, but we are particularly interested in research relating to the cardiovascular system to complement existing research efforts in this field. Rank and salary will be commensurate with experience. Competitive laboratory space and start-up funds will be offered.

Applicants should send electronic copies of their CV, statement of current and future research interests and the names and addresses of three references to El.lalor@med.miami.edu and hard copies to Ms. Elba M. Lalor, Asst. to the Chairman, Department of Molecular and Cellular Pharmacology, University of Miami Miller School of Medicine, P.O. Box 016189, Miami, FL 33101.

An Equal Opportunity/Affirmative Action Employer.

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With strong corporate growth and double digit investment in R&D, Promega continues to expand its scientific staff to develop new technological capabilities for the life sciences.

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Promega is located in Madison, WI, a community of international scientists, beautiful natural settings and an award winning quality of life.

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Promega Corporation is an equal opportunity/affirmative action employer.

Jiangsu Academy of Agricultural Sciences

Seeking Distinguished Scientists in Various Agriculture Areas

Jiangsu Academy of Agricultural Sciences (JAAS) is a professional agricultural research and extension institution that has been established since 1932. JAAS ranks at the top of provincial agricultural academies in China in terms of the comprehensive strength in agriculture. JAAS’s headquarter and main research facilities are located in Nanjing, Jiangsu, China.

Currently, there are 3 distinguished full professor positions available for application in the following areas: breeding, food processing, bioenergy, facility agriculture, and large-scale farming for modern animal husbandry. Applicants should have a faculty position already beyond the assistant professor level in a university or the equivalent position in a research institution. In addition, all candidates should demonstrate excellent records of research accomplishment and have a command of bilingual language for English and Chinese, both in spoken and written.

Successful applicants will be offered a competitive package, including sufficient laboratory space, startup funding, relocation fee and competitive salary commensurate with experience, in addition to a housing allowance, and other employee benefit. Applicants can go to www.jaas.ac.cn for application details.

In addition, more information for other regular faculty positions from JAAS relevant to a variety of disciplines in agriculture is also available at www.jaas.ac.cn.

Contact information
E-mail: rsc-gbk@jaas.ac.cn; Tel: 086-25-84390037
J. Craig Venter Institute
Faculty Positions
La Jolla, CA and Rockville, MD

For nearly two decades our scientists have been at the forefront of the genomic revolution. Now, we want you to join us in our quest!

J. Craig Venter Institute scientists have been unraveling and understanding the complexities of life as contained in the genomes of thousands of microbes, plants, and mammals, including humans. Our scientific success is built on the philosophy of conducting science boldly in new interdisciplinary ways, using new tools and with the best scientist. The ever increasing amounts of genomic data and new avenues of research to explore, mean we need additional scientists with unique skills and ideas that will help us better understand the world around us.

JCVI is seeking qualified applicants for positions at all levels at our La Jolla, California and Rockville, MD facilities particularly in the following research focus areas:

- Human genomics
- Environmental genomics, including human microbiome research
- Synthetic genomics
- Bioenergy
- Bioinformatics and computational biology
- Vaccine Development

Successful candidates will conduct innovative, independent research, obtain extramural funding, take advantage of interactions with our interdisciplinary, highly collegial group of scientists within JCVI, and complement existing strengths within the organization. Candidates must have a Ph.D. or M.D. and a record of accomplishment in one or more of the targeted areas. The level of appointment will be commensurate with experience.

JCVI offers an excellent working environment and a competitive benefits package. Interested applicants should apply directly in our career center by submitting their CV and a cover letter which includes a description of research interests and contact information for three references. JCVI’s Career Center is located on our web site at www.jcvi.org.

Equal Opportunity Employer M/F/D/V
The University of Connecticut Health Center’s School of Medicine is seeking to recruit a highly qualified individual with an outstanding record of accomplishments in research, education and an excellent record of sustained NIH funding to become Chair of the Department of Immunology. We particularly encourage individuals with a current track record in human or translational immunology. The position is ideal for an energetic and visionary individual who is presently at the Associate or Full Professor level and shows evidence of the leadership skills required to ensure the health and growth of the department and to recognize the importance of interpersonal relationships and team building. The department is the academic home to faculty with nationally and internationally known research programs that focus on the cellular, molecular, and regulatory processes of the immune system. The scope of the department’s research is from the most fundamental mechanisms to therapeutic applications. Departmental faculty are educational leaders in the graduate and preclinical medical and dental school curriculum.

The Chair will be responsible for oversight of all research, educational, and administrative activities involving the department. The Chair will work to enhance the funded research portfolio of the department emphasizing basic and translational research; develop and support the education of medical and graduate students and serve as a mentor for trainees at multiple levels; assure the professional development and mentoring of faculty engaged in research, education, and administration; play a major role in active governing at the institutional and departmental levels; be involved in faculty recruiting; and develop a comprehensive budget, which promotes departmental and institutional financial integrity.

The University of Connecticut Health Center is a vibrant organization composed of the School of Medicine, the School of Dental Medicine, the Graduate School of Biomedical Science, the John Dempsey Hospital, and the UCONN Medical Group. The Health Center’s campus is situated on 162 acres of wooded hilltop in the beautiful, historic community of Farmington, Connecticut.

Candidates should apply by submitting a curriculum vita via email to the search committee chair, Dr. Paul Dwarkin c/o Stephanie Holden, immuchair@uchc.edu or via the University of Connecticut Health Center Employment Services website, https://jobs.uchc.edu, Search Code No. 2011-065.

UCHC is an Equal Opportunity Employer M/F/V/PwD

The Department of Pharmaceutical Chemistry, University of Kansas (http://www.pharmchem.ku.edu/) invites applications for a full-time tenure-track faculty position at the Assistant or Associate Professor level in Protein and Macromolecular Design and Analysis for the 2011-2012 academic year. The candidate should demonstrate a strong potential for research and scholarship for appointment at the rank of Assistant Professor or a proven record of research and scholarship, commensurate with rank, for appointment at the level of Associate Professor.

Applications include a letter of interest, a concise summary of past research and future research plans, a resume, and the names and addresses of three references. For position details and to apply go to https://jobs.ku.edu, search for position 00208822. Screening of applications will begin December 15, 2010. Applications will be accepted until the position is filled.

EO/AA Employer.

The Department of Infectious Diseases and Pathology at the University of Florida College of Veterinary Medicine is seeking a tenure-track faculty member, at an academic rank commensurate with experience, to join our team of highly productive senior faculty. The successful candidate will be expected to establish a research program that can enhance our ongoing clinical and basic immunology programs in T-cell based vaccine development, immune-modulating drug development, and MHC-based immunology of vaccines and transplant rejection.

The candidate must have expertise in MHC/T-cell immunology and interest in specializing in vaccine, transplantation, or cancer immunology with emphasis in one or more of the following areas: Vaccine, adjuvant, and delivery system; Immune-modulating drugs and immunotherapy for diabetes, neurological diseases, and cancer; MHC-peptide presentation and cytokine interaction in antigen-specific TCR activation; Immunoinformatics, antigen presentation, and T-cell regulation; Companion animal or non-human primate models.

The Department (http://www.vetmed.ufl.edu/college/departments/patho/) has strong ties to the UF Emerging Pathogens Institute (EPI) (http://epi.ufl.edu), which coordinates a multidisciplinary research program in infectious diseases across eight UF Colleges. In addition to the EPI, the close proximity of the UF College of Medicine (with a CTSI award currently in place) and the Veteran’s Affairs Medical Center provide unique opportunities for collaborations. Applicants must have an advanced degree (PhD, DVM, MD) and a record of accomplishment in conducting extramurally-funded (NIH or equivalent) research. Preference will be given to candidates with demonstrated leadership skills as well as expertise in immunology research and development. The ideal candidate would possess a passion and vision for improving human and animal health, together with the skills required to share this vision with other scientists.

Applicants should submit: a letter outlining professional goals, curriculum vitae, and list of three professional referees to: Dr. John B. Dame, Search Committee Chair, Department of Infectious Diseases & Pathology, College of Veterinary Medicine, PO Box 110880, University of Florida, Gainesville, FL 32611-0880; e-mail: damej@ufl.edu; fax: 352-392-9704. Review of applications will begin December 6, 2010 and continue until the position is filled. The University of Florida is an equal opportunity employer.

The Wings for Life Spinal Cord Research Foundation is a grant giving charity funding research aimed at resolving spinal cord injury-induced impairments. We invite applications for project grants in basic sciences, applied basic sciences, and clinical sciences. Proposals should have a view to translation from the laboratory to the clinical setting and have the likelihood of providing real benefits to human patients.

Proposal deadline for upcoming grant round is December 1, 2010.

www.wingsforlife.com
Job Opportunities at the Centre for Computational Science

The Centre for Computational Science (http://ccs.chem.ucl.ac.uk/) at UCL is seeking high quality applicants for a range of new projects described below. Several of these are aligned with the activities of the new UCL Computational Life and Medical Sciences Network (http://www.clms.ucl.ac.uk/). The successful candidates will join a very active inter-disciplinary group, working on international projects in fields ranging from condensed matter physics and chemistry to life sciences and medicine.

ccs@ucl:~$ RESEARCH ASSOCIATE
Computational Biomedical Infrastructure
(1 x Junior Software Engineer & 1 x Senior Software Engineer)

The project will involve the design, development, deployment and support of software infrastructure tools to share and access a wide range of medical and clinical data, in order to support real time clinical decision systems. The heterogeneous data sharing infrastructure developed will allow clinicians and researchers to securely share sensitive datasets, using distributed and possibly cloud based solutions as well as dedicated file servers to host large quantities of data. Funding is provided by the EU FP7 Virtual Physiological Human initiative.

The ideal candidates will have substantial experience of the development of distributed infrastructure software (including Web services), and will be required to work as part of a large international team on the development of infrastructure tools. At least one of the posts requires relevant prior experience at post-doctoral level. Applicants must be able to demonstrate a high-level of programming proficiency. A background in distributed (grid-based) high performance computing would be advantageous. Applicants should have (or, at a minimum, be about to obtain) a PhD in physics, applied mathematics, chemistry, computational biology, software engineering or computer science and a proven ability to work as a member of a team.

The posts will be on the UCL pay scale at Grade 7 (£28,983 – 35,646 p.a. plus London Allowance of £2,795 p.a.) and the second will be funded at Grade 8 (£36,710 – 43,840 p.a.), depending on qualifications and experience, plus London allowance.

For further details about the vacancy and how to apply on line please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1163161 (Junior post) or 1162844 (Senior post).

ccs@ucl:~$ RESEARCH ASSOCIATE
Biomedical molecular dynamics

This post will involve the development of patient specific molecular models, using established molecular dynamics codes such as NAMD and GROMACS, to investigate and rank available drugs in order to inform the clinical decision making process. This work will build on and extend the Binding Affinity Calculator system developed at the Centre for Computational Science.

Applicants must have substantial experience of biological molecular simulation and related proven programming expertise. Experience of high performance visualisation and distributed (grid-based) high performance computing would be advantageous. Applicants should have (or be about to obtain) a PhD in physics, applied mathematics, chemistry, computational biology or computer science and a proven ability to work as a member of a team.

The post will be on the UCL pay scale at Grade 7 (£28,983 – 35,646 p.a. plus London Allowance of £2,795 p.a.) and the second will be funded at Grade 8 (£36,710 – 43,840 p.a.), depending on qualifications and experience, plus London allowance.

For further details about the vacancy and how to apply on line please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1163320 (Junior post) or 1162844 (Senior post).

ccs@ucl:~$ RESEARCH ASSOCIATE
Multiscale Lattice-Boltzmann methods for complex fluids

The project will involve development, deployment and application of advanced computational methods including optimisation of high performance parallel lattice-Boltzmann codes for use in turbulence, complex fluid and blood flow research domains, in order to be able to run these codes on a range of evolving petascale and exascale architectures. The research will involve close collaborations with other personnel at CCS, across UCL, and within a number of international collaborations.

Applicants should have substantial experience of the use of lattice-Boltzmann methods within a high performance computing environment. Experience of high performance visualisation and grid computing would be advantageous. A proven ability to programme large scale parallel applications is essential. Applicants should have (or be about to obtain) a PhD in physics, applied mathematics, chemistry, computational biology or computer science and a proven ability to work as a member of a team.

For further details about the vacancy and how to apply on line please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1163161.

C\ RESEARCH ASSOCIATE
Evolution and Assessment of Biomedical Informatics & the Virtual Physiological Human

The post holder will be responsible for coordinating UCL’s activity in a newly funded EU FP7 Virtual Physiological Human (VPH) project (INBIOMEDVision) which aims to monitor and assess the evolution of the Biomedical Informatics field, including the impact of VPH, and to address the scientific challenges and opportunities by means of collaborative work performed by a broad group of international experts having complementary perspectives on the field. In addition, the post holder will be involved in the administration and management of other VPH projects currently underway.

Applicants should have substantial experience of biological and/or biomedical informatics, including computational bioinformatics. Experience in project management and administration would be an advantage. Applicants should have (or be about to obtain) a PhD in physics, applied mathematics, chemistry, bioinformatics, computational biology or computer science, or an MSc in a relevant discipline, and a proven ability to work as a member of a team.

The post is initially funded for 18 months

For further details about the vacancy and how to apply on line please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1163171.

ccs@ucl:~$ RESEARCH ASSOCIATE
Quantum and classical molecular dynamics in life and materials science

The post holder will be responsible for developing molecular and multiscale models in two distinct research domains: biomolecular simulation and materials simulation. In the biomolecular domain, the post holder will be responsible for developing molecular models for use across a number of different biomedical research projects, concerned with drug binding efficacy in diseases such as HIV and cancer. In the materials domain the post holder will be responsible for developing quantum chemical methods to model chemical reactions of organic compounds within clay based layered materials, as well as course grained models for clay-polymer nanocomposites.

Applicants must have substantial experience of molecular simulation and proven programming expertise. Experience of high performance visualisation, distributed (grid) high performance computing and/or multiscale modelling would be advantageous. Applicants should have (or be about to obtain) a PhD in physics, applied mathematics, chemistry, computational biology or computer science and a proven ability to work as a member of a team.

The post is partly funded by the Qatar National Research Foundation, and the post holder will be expected to spend between 12 to 18 months at Qatar University in Doha where accommodation and certain living expenses will be provided in addition to salary.

For further details about the vacancy and how to apply on line please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1163169.

Positions are initially funded for 2.5 years from 1 February 2011, except where otherwise stated. The posts will be on the UCL pay scale at Grade 7 (£28,983 – 35,646 p.a. plus London Allowance of £2,795 p.a.), unless otherwise stated. The closing date for applications is 5pm on November 22nd.

Further particulars including job description and person specification are available at http://www.ucl.ac.uk/hr/jobs/ where you can apply online. Informal inquiries may be addressed to Professor Peter Coveney, Director of the Centre for Computational Science, University College London, 20 Gordon Street London WC1H 0AJ U.K. email: PV.Coveney@ucl.ac.uk.

UCL Taking Action for Equality
The Department of Surgery in the College of Human Medicine at Michigan State University seeks candidates for an academic-year position at a Faculty Rank to be determined in signal transduction. Applicants are sought with demonstrated expertise in cellular signal transduction, with preference toward those with a background in mechanotransduction and physical force effects or intestinal epithelial biology. In addition to individual research efforts, the person who fills this position will be expected to collaborate actively with and mentor clinical surgical faculty and trainees as well as other MSU faculty. A strong record of research accomplishment and an independent externally funded research program are required. The position includes competitive salary and startup package, academic rank commensurate with previous experience, and the possibility of a co-appointment in one of the basic science department at MSU.

Applications will only be accepted from candidates with current NIH funding or the equivalent. Applicants should submit a letter of interest, CV including complete publication list, history of research funding, statement of current and future research plans, and contact information (address, email and phone) for three referees to Dr. Marc D. Basson, Professor and Chair, Department of Surgery, Michigan State University, Suite 655, 1200 East Michigan Ave, Lansing, MI 48912. We would prefer electronic submission to marc.basson@hc.msu.edu. Applications will be accepted until the position is filled.

MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

THE UNIVERSITY OF CHICAGO

The Department of Biochemistry and Molecular Biology at The University of Chicago invites applications from outstanding candidates who will develop independent and creative research programs focused on fundamental problems in biochemistry and molecular biophysics. The position will be filled at the Assistant Professor level. We are especially interested in individuals who value teaching and whose interests bridge fields within the department or ongoing initiatives with other departments involving biomedical research. Ph.D. or M.D./Ph.D. or equivalent terminal degree with postdoctoral experience required. Successful candidates will be provided a generous startup package and will be expected to develop a well-funded, robust research program. Applicants must include curriculum vitae, list of publications, summary of past accomplishments and plan for future research. Please submit application materials to academicscareers.uchicago.edu/applicants/Central?QuickFind=51342 by December 10, 2010. Applicants must also arrange for three letters of reference to be sent to:

Chair, Search Committee
Department of Biochemistry and Molecular Biology
929 E. 57th Street, Room W225
Chicago IL 60637

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

Tenure-track/Tenured Faculty Positions – Department of Genetics

University of Texas MD Anderson Cancer Center

The Department of Genetics is recruiting two tenure-track/tenured faculty positions at the Assistant or Associate levels to establish an outstanding research program in the area of genetics. We are particularly interested in individuals working in genomics and bioinformatics, and/or in human, mouse or other genetic systems that relate to human disease and biology. The department has strong ongoing programs in tumor suppressor genes, mechanisms of DNA repair, mouse and human genetics, and developmental and stem cell biology. We offer a very attractive recruitment package, active graduate and postdoctoral training programs, and the unmatched scientific environment of the Texas Medical Center. Applicants should hold a Ph.D. and/or M.D. degree and should be able to demonstrate their potential as independent scientists. Those interested should send a curriculum vitae, a three page research summary, and the names and addresses of at least three references before December 31, 2010, to:

Guillermina (Gigi) Lozano, Ph.D.
Chair, Department of Genetics
The University of Texas MD Anderson Cancer Center
1515 Holcombe Blvd., Unit 1010
Houston, Texas 77030

MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status, except where such distinction is required by law. All positions at MD Anderson are considered security sensitive, drug screening and thorough background checks will be conducted. The University of Texas MD Anderson Cancer Center values diversity in its broadest sense. MD Anderson is a smoke-free environment.
One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land-Grant, Sea-Grant, and Space-Grant institution with its main campus in Newark, DE, located halfway between Washington, DC and New York City. Please visit our website at www.udel.edu.

Environmental Faculty Positions

As part of its Path to Prominence Strategic Plan, the University of Delaware has launched its Initiative for the Planet. The goals of this initiative are to promote sustainable practices and to support multidisciplinary efforts in research and education needed to develop solutions to significant, time-critical issues in energy, the environment, and resource sustainability. Our overarching objective is to make the University of Delaware a national and international resource for environmental research, technology, education, and policy – today and into the future. To attain this goal, we seek 6-8 outstanding faculty at all academic ranks in environmental science, engineering, and policy. Faculty can have appointments in multiple departments and colleges.

To complement these hires we are conducting a search for the Howard E. Cosgrove Chair in Environment. This internationally renowned scholar will further enhance the prominence of the University’s environmental interdepartmental teaching and research programs, and assist in building the Delaware Environmental Institute (DENIN) to a position of national and international prominence.

The University of Delaware provides an outstanding environmental research base through existing strengths in a number of areas including biogeochemistry, soil and environmental chemistry, environmental engineering, environmental microbiology, environmental genomics and bioinformatics, geomicrobiology, land/coastal dynamics, land use, nutrient management and environmental modeling, hydrology, environmental forecasting and restoration, ecosystem health and sustainability, and environmental policy, economics and education. These activities are carried out across the University’s seven colleges and in a number of well-regarded institutes and research centers. More details on our environmental programs can be found at www.environmentalportal.udel.edu.

The desire to better utilize the strengths in the colleges, institutes, and centers, and to foster collaboration and enhance competitiveness in attracting outstanding faculty and students, led to the creation of the Delaware Environmental Institute in 2009. DENIN’s goals are to initiate interdisciplinary research projects, support interdisciplinary academic programs, and forge partnerships among government agencies, nonprofits, industry, policymakers, and the public to address environmental challenges and coordinate and sponsor solutions among government agencies, nonprofits, industry, policymakers, and the public to address environmental challenges and coordinate and sponsor interdisciplinary academic programs.

DENIN’s mission is to enhance the University’s seven colleges and in a number of well-regarded institutes and research centers. More details on our environmental programs can be found at www.environmentalportal.udel.edu.

Other recent actions which reflect the University’s commitment to the environment and sustainability include the adoption of an aggressive Climate Action Plan and the creation of University-based interdisciplinary initiatives. More and other recent actions which reflect the University’s commitment to the environment and sustainability include the adoption of an aggressive Climate Action Plan and the creation of University-based interdisciplinary initiatives. More details on DENIN can be found at www.udel.edu/denin.

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Tenure-track Group Leader Positions

Stem Cell Biology and Cancer

Genomic Stability and Cancer

The Friedrich Miescher Institute for Biomedical Research (FMI) invites applications for two tenure track group leader positions (equivalent to an assistant professor). We are seeking outstanding individuals who will establish an ambitious research program focused on fundamental questions in cancer biology.

The successful Stem Cell Biology and Cancer applicant should be interested in stem cell maintenance, niche interactions, cancer-related signaling pathways and cell fate determination, or oncogenic pathways or pathologies that perturb cell fate.

Genomic Stability and Cancer candidates intending to carry out independent research in one of the following areas are particularly encouraged to apply: DNA repair, genomic replication, the replication-transcription interface, repeat instability, chromatin remodeling, telomeres or centromeres.

For both areas, there are ample opportunities for collaborative interactions with other research groups in the three FMI research themes of Signaling & Cancer, Epigenetics and Neurobiology.

The Institute provides core facilities for experimental mouse genetics, high-end microscopy, cell sorting, genomics, protein crystallography, proteomics and bioinformatics. The start-up package is highly competitive.

The FMI is an international biomedical research center with 300 members, including about 180 postdoctoral fellows and graduate students. It is part of the Novartis Research Foundation and is associated with the University of Basel. The Institute runs a successful international PhD program (for further information see www.fmi.ch). Situated in Basel, Switzerland, the FMI offers an outstanding English-speaking scientific and cultural environment in the center of Europe.

Applications, including a CV, the names and emails of three referees and a concise description of research interests and future plans should be submitted online at: www.fmi.ch/gl_search

Informal inquiries can be sent to: susan.gasser@fmi.ch

The closing date for applications is December 31, 2010.
Career opportunities in the tropics

James Cook University is one of Australia’s most distinctive universities with a focus on creating a brighter future for life in the tropics worldwide. The University is located in the vibrant regional community of tropical Queensland, which has one of the fastest growing economies in Australia adjacent to the Great Barrier Reef and Wet Tropics World Heritage Areas. The University’s internationally recognised research is matched by strong commitment to its region, partners and teaching. A broad range of career opportunities are available at the University including the following recent vacancy:

Lecturer – Physiology
School of Veterinary & Biomedical Sciences
Ref. No. 10211 – Townsville

Employment Type: Full-time, continuing
Academic Level B - A$73,814 - A$87,096 per annum
Applications close: 3 December 2010
Staff Benefits include a generous superannuation scheme with up to 17% employer contributions, five weeks annual recreation leave, flexible working arrangements and attractive options for salary packaging.

For more information go to: www.jcu.edu.au/jobs, enter the Reference Number in the search field and follow the links.

www.jcu.edu.au/jobs

Medical University of Graz in Austria is seeking to fill the position of an

Associate Professor (f/m) for Experimental Cardiology
at the Department of Cardiology/University Heart Center

Professional Requirements:
• Ph.D. or other doctorate, or equivalent scientific qualification in natural sciences or medicine
• Established record of excellence in cardiac cellular research with emphasis on ion homeostasis, arrhythmogenesis, cardiac remodeling and heart failure
• Excellent skills in the methodology of visualizing subcellular processes (confocal microscopy, FRET imaging, etc.) and in molecular biology techniques

Detailed job description: www.medunigraz.at/jobs (Wissenschaftliches Universitätspersonal)

Please submit your application with the reference number W325ex2009/10, preferably by e-mail to personal@medunigraz.at or to the following postal address: Medizinische Universität Graz, Abteilung Personaladministration, Universitätsplatz 3, A-8010 Graz. The application deadline is 30th of Nov. 2010.

www.medunigraz.at
IST AUSTRIA IS LOOKING FOR

Professors and Assistant Professors

IST Austria (Institute of Science and Technology Austria) is a new Institute located on the outskirts of Vienna, dedicated to cutting-edge basic research. The Institute invites applications and nominations for Professors and Assistant Professors in all fields of the natural sciences and related disciplines. Outstanding scientists in the Physical Sciences, Neurosciences, and Mathematics are especially encouraged to apply.

The Institute, established by the Austrian Government, opened its campus in 2009. Its funding is substantial, allowing for over 500 employees and graduate students by 2016. IST Austria is entitled to award PhD degrees and includes an English-language Graduate School. It aims to achieve an international mix of scientists and recruits them solely on the basis of their individual excellence and potential contribution to research. The Institute is recruiting leaders of independent research groups. Professors have indefinite contracts and Assistant Professors have fixed-term contracts for an initial period of five years, with a possible, but not automatic, renewal for two additional years. Before the end of this period, the scientist will be considered for an indefinite appointment as a Professor at IST Austria, the decision being based on merit only (as is the case for a "Tenure-Track Assistant Professor" at US universities).

The selected candidates will receive a competitive salary and a substantial annual research budget, covering operating expenses and the cost of PhD students, postdoctoral fellows, and technical staff. Additional costs of starting a new laboratory, including instruments and infrastructure, will be offered separately. Scientists are also expected to apply for external research grants.

Applications or nominations to: professor@ist.ac.at or assistant.professor@ist.ac.at (depending on position).

Applications must include a CV, list of publications, and research plan. Nominations should include an appraisal of the achievements and scientific qualifications of the nominee. IST Austria is committed to Equality and Diversity. In particular female researchers are encouraged to apply. More information: www.ist.ac.at

WPI

Worcester Polytechnic Institute

Department of Biology and Biotechnology
Tenure-Track Assistant Professor in Neuroscience

The Biology and Biotechnology Department of WPI invites applications for a tenure-track Assistant Professor position to begin in the fall of 2011. WPI is committed to further strengthening its capabilities in the life sciences and bioengineering arena.

U.S. News and World Report consistently ranks WPI among the top national universities and recently placed WPI in its top 30 for faculty resources. To learn more about the Biology and Biotechnology Department, which offers BS, MS, and PhD degrees, research at the LSBC, and WPI visit http://www.wpi.edu/~BBT, www.wpi.edu/research, www.gatewayparkworcester.com, and wwww.wpi.edu.

Applicants should submit an application (pdf-formatted) including a cover letter, curriculum vitae, a statement of accomplishments and future priorities in research and teaching, and a list of five references (with contact information). Applications should be sent to Professor J.B. Duffy, Department of Biology and Biotechnology at Faculty-searchBBT@wpi.edu.

Review of applications will be conducted on a rolling basis and continue until the position is filled.

TENURE-TRACK FACULTY POSITION
Assistant or Associate Professor of Wildlife Biology

The Department of Biology and Wildlife and the Institute of Arctic Biology, University of Alaska Fairbanks, seek an individual with broad training in wildlife biology for a joint appointment to a tenure-track position available in August 2011. The appointment will be a 9-month, 50% teaching and 50% research appointment with full benefits. We seek to complement current wildlife faculty expertise in genetics, nutrition, population biology and spatial ecology. Candidates with expertise with meso-carnivores, furbearers, or predator-prey dynamics are especially encouraged to apply. Salary and level of appointment are negotiable and dependent on experience. Applicants must have an earned PhD in biology or ecology of vertebrate animals with training or experience in application of research to management of populations. Applicants should have the ability to work with wildlife managers and other stakeholders on issues of local, regional, and national interest. The successful candidate will be expected to develop a research program that trains MS and PhD students with extramural support and contribute to courses and student activities in Wildlife Biology and Conservation. Instructional responsibilities include undergraduate advising and two semes-ter-length courses per year (e.g. at least one course in the wildlife core curriculum and a graduate course in the candidate’s area of expertise). Applicants should apply online at UAKJobs (www.uakjobs.com).

Application materials will include a cover letter, CV, statement of teaching philosophy and interests, state-ment of research philosophy and interests, 3 letters of recommendation. Applicants can have letters of recommendation sent directly to fyaflob@alaska.edu and reference listing number 0060812. Recruitment will remain open until the position is filled; review of applications will commence on 8 November 2010. For inquiries contact Kris Hundertmark (khundert@alaska.edu).

Our department has a rich history of training wildlife managers, which is facilitated by the Alaska Cooperative Fish and Wildlife Research Unit (http://www.ckfwr.uaf.edu/about.php) and faculty in related departments such as fisheries, and natural resource management. The Institute of Arctic Biology (http://www.iab.uaf.edu) provides administrative and logistical support for implementing research on animals in the field and in captivity through facilities such as Animal Quarters, Large Animal Research Station, DNA Core Lab, Spatial Ecology Lab and the Toolik Field Station. University of Alaska Fairbanks (http://www.uaf.edu) is a research-intensive university (10.5k students) with a focus on circumpolar issues. Fairbanks has a vibrant cultural life and unparalleled wilderness access and outdoor recreational oppor-tunities (http://www.fairbankschamber.org/).

University of Alaska Fairbanks is an Equal Employment Opportunity/Affirmative Action Employer and Educational Institution.
Science Careers is the window that displays your vision.
Revealing your vision to employers is our job. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and entry point to the latest and most relevant career information across the globe.

Our newly designed website offers a set of tools that reveal career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your window to a limitless future.

**Improved Website Features:**
- Relevant Job E-mail Alerts
- Improved Resume Uploading
- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.

Science Careers
From the journal Science
ScienceCareers.org
AAAS is here – helping scientists achieve career success.

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, a grants and scholarships database, webinars and downloadable booklets filled with practical advice, a community forum providing real-time 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.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
Post-Doctoral Fellowship to study Hematopoietic Stem/Progenitor Cell Trafficking and Engraftment in the Bone Marrow Microenvironment.

Children’s Hospital Boston
Harvard Medical School
Boston MA

The goal of our research program is to better define the mechanisms by which normal and neoplastic hematopoietic stem/progenitor cells home to the bone marrow and take up residence in supportive niches. A multidisciplinary approach combining biochemistry, cell biology, animal studies, and imaging is employed.

For more information, please see the following website: http://www.childrenshospital.org/eapps/research/data_admin/Site188/mainpageS188P0.html

To apply, e-mail a cover letter, curriculum vitae, statement of research experience and professional goals to Lauren Smith, Administrative Associate: Lauren.Smith@childrens.harvard.edu.

Children’s Hospital Boston is an Equal Opportunity, Affirmative Action Employer.

Dean, College of Natural Sciences
Honolulu, Hawai‘i

The University of Hawai‘i at Mānoa (UH Mānoa) seeks an innovative, motivational and experienced leader to serve as Dean of the College of Natural Sciences (CNS). Building upon the many strengths of the University, as well as the unique attributes of the Hawaiian Islands, the successful candidate has an exciting opportunity to lead CNS to a stronger intellectual presence in Hawai‘i, the Asia Pacific region and around the globe.

The College of Natural Sciences is comprised of the following departments: Biology, Botany, Chemistry, Information and Computer Science, Mathematics, Microbiology, Physics and Astronomy, and Zoology. The Dean serves as the top academic and administrative leader for the College, and is expected to develop a vision and strategic plan to guide and lead the College’s members to achieve new levels of excellence by pursuing an integrated, comprehensive academic program that balances scholarship, instruction and service. The Dean should be a committed, collaborative, and engaging advocate for the College within the University, across the state, and beyond. For more information about the UH Mānoa and the College, please go to www.manoa.hawaii.edu and www.hawaii.edu/natsci.

UH Mānoa is the premier institution of higher learning in the Pacific Basin and belongs to an international community of research universities. It is the flagship campus of the UH System and enrolls more than 20,000 students. Ten percent (10%) of UH Mānoa students are majoring in programs within the CNS. These students comprise 11% of the undergraduates and 7% of the graduate students. There are approximately 130 instructional faculty members in the College.

UH Mānoa is one of the nation’s few land-, sea- and space-grant institutions, and plays a unique role in serving Hawaiian, Asian and Pacific cultures through education, research, extension, outreach and service. Many of the university’s fields of study relate directly to the distinctive geographical and cultural setting of Hawai‘i, an island community with diverse eco-systems and exceptional diversity of cultures.

Nominations, inquiries, and application information: Nominations, inquiries, and applications are being accepted for the position. Review of applications will begin on Monday, December 6, 2010, and will continue until the position is filled. Candidates must submit a cover letter summarizing the candidate’s interest and qualifications for the position, a current resume, and the names of six (6) professional references, including title and contact information. For a job description and search information, please go to www.manoa.hawaii.edu/executivesearch/natsci. E-mail correspondence is strongly encouraged. Please send materials to: University of Hawai‘i at Mānoa CNS Dean Search Attn: Michele Tom, Executive Search Coordinator University of Hawai‘i at Mānoa 2500 Campus Road, Hawai‘i Hall 209 Honolulu, Hawai‘i 96822 Phone: 808-956-9396 / Fax: 808-956-7115 E-mail: tomm@hawaii.edu

The University of Hawai‘i is an Equal Opportunity/Affirmative Action Institution and encourages applications from and nominations of women and minority candidates.

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POSTDOCTORAL POSITION in Computational Systems Biology

The Guda laboratory at University of Nebraska Medical Center (UNMC, website: http://www.unmc.edu/genetics/index.cfm?co=ref-87) is seeking a self-motivated individual for a diverse exciting research in Computational Systems Biology. The incumbent will develop novel computational methods using machine learning and data mining techniques for functional annotation of biological systems. Related research projects in the PD’s laboratory include modular localization, inferring potential protein domain-domain interactions, and alignment of cancer protein interaction networks.

UNMC offers state-of-the-art computational facilities to carry out cutting edge research in systems biology. The new center for Bioinformatics and Systems Biology at UNMC will provide enriching opportunities for teaching and professional development. Initial appointment will be for one year with a possibility of continuation for three years. UNMC offers competitive salary with excellent healthcare and retirement benefits.

Requirements: A recent Ph.D. in Bioinformatics and/or computational bioinformatics. A strong quantitative discipline with an aptitude for life sciences research. The candidate must have solid programming skills in C/C++/Java with some working knowledge in statistics and relational databases is required. Experience in analyzing large-scale genomic and/or proteomic datasets is considered a plus.

POSTDOCTORAL POSITIONS

*Viruses, Tumor Suppressors, and Drug Discovery*

**The Wistar Institute**

Positions for postdoctoral trainees are available in several areas, both in mammalian cells and human tumor-associated viruses. (1) Telomere and Cell Growth Regulation by TERRA RNA. The role of non-coding telomere RNA in regulating telomere chromatin and cell growth (Mol Cell. 2009; Cell Cycle. 2010). (2) Viral and Cellular Genome Maintenance. Mechanisms regulating genome stability and chromosome organization, including factors controlling chromatin insulators and origins of DNA replication (J Virol. 2009a, 2009b; 2009c; EMBO J. 2008). (3) Small molecular inhibitors of latent viral infection. Identification of natural and synthetic inhibitors of viral regulatory proteins at the newly established Center for Chemical Biology and Translational Medicine at Wistar Institute.

Applicants should have a Ph.D. and experience in molecular biology or biochemistry. Highly competitive salary and benefits package. Forward curriculum vitae to: Paul M. Lieberman, Ph.D., Gene Expression and Regulation Program, The Wistar Institute, 3601 Spruce Street, Philadelphia, PA. 19104; e-mail: lieberman@wistar.org.

STONY BROOK UNIVERSITY

**Bioinformatics and Biostatistics**

Stony Brook University’s Department of Applied Mathematics and Statistics (AMS) is seeking a tenure-track assistant professor (AS- SISTANT PROFESSOR) in bioinformatics or biostatistics, with a priority for the area of bioinformatics. For full position description and/or application procedures, visit website: http://www.stonybrook.edu/jobs (Reference #F-6547-10-10). Stony Brook University/SUNY is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF BIOLOGY—The Biology Department at Whitworth University invites applications for a tenure-track position as Assistant Professor of Biology with a primary focus on Environmental Biology, Field Biology, Wildlife, and Conservation Biology. Earned Doctorate in an appropriate area of biology or environmental science by August 2011, and demonstrated teaching ability required. Go to website: http://www.whitworth.edu/jobs for further details and information on how to apply.

The University of Illinois, Urbana-Champaign

**FACULTY POSITION in Experimental Biological Physics**

The Department of Physics invites applicants for a tenure-track or tenured faculty position in experimental biological physics with an emphasis in cellular biology, beginning as early as August 16, 2011. The UIUC Department of Physics has strong programs in both theoretical and experimental biological physics. The successful candidate is expected to teach effectively at both the undergraduate and graduate levels, have a strong record of publication, and to lead a vigorous research program. For full consideration, application and additional information should be sent to the UIUC Department of Physics, beginning as early as August 16, 2011. Please visit website: http://jobs.illinois.edu to view the complete position announcement and application instructions.

**University of Minnesota**

FACULTY POSITION in Microbiology

The Department of Microbiology at the University of Minnesota Medical School invites applications for a faculty position to be filled at the tenure-track ASSISTANT PROFESSOR level. The successful applicant will be expected to establish a competitive research program in a novel field of microbiology. The Department of Microbiology at the University of Minnesota Medical School has a strong record of successful collaborations with basic and clinical investigators, with most of the programs focusing on molecular and cellular biology, infectious disease, and biotechnology. More information about the Department of Microbiology, affiliated institutes and centers, and the graduate training program, can be found on the department website: http://www.microbiology.med.umn.edu.

Minimum qualifications: Ph.D., M.D., or equivalent in a relevant field of study, plus applicable postdoctoral or faculty experience. Review of applications will continue until suitable candidates are identified. To apply, please submit curriculum vitae, a concise summary of current and planned research in response to requisition number 169013 at website: http://employment.umn.edu. Please also arrange to have three letters of recommendation sent to Dr. Sandra K. Armstrong, Search Committee Chair, Department of Microbiology, University of Minnesota, MMC 196, 420 Delaware Street S.E., Minneapolis, MN 55455.

The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

**FACULTY POSITION in Pharmaceutical Chemistry**

Department of Chemistry and Biochemistry at UC San Diego

The Department of Chemistry and Biochemistry within the Division of Physical Sciences at University of California, San Diego (UCSD, website: https://www.chem.ucsd.edu/) is committed to academic excellence and diversity within the faculty, staff, and student body. We invite applications for a tenure-track position at the assistant professor level, to begin fall semester, 2011. A Ph.D. and postdoctoral experience are required. The successful candidate will develop a competitive research program involving undergraduates. The research area within genetics should complement the expertise of the faculty. A renovated research laboratory and startup funds are available. Formal teaching duties include a lecture-laboratory course in general genetics, an advanced seminar in the candidate’s specialty, participation in the team-taught introductory biology sequence, and supervision of year-long senior research theses. We seek an individual committed to the pursuit of science in an undergraduate environment. UCSD is a highly selective liberal arts institution with a distinguished expertise in novel chemical/biological sciences and technologies. More information about the Department of Chemistry and Biochemistry and applications for the assistant professor position are available at http://www.chem.ucsd.edu. Please apply by November 9, 2010. Complete applications for full consideration must include a cover letter, curriculum vitae, statement of research interests and teaching experience, and a list of representative publications. Applications that are received after November 9, 2010, will still be considered. Faculty search committee will review applications and make selection decisions as needed.

Please also arrange to have three letters of reference addressing research, teaching, and service sent to: Search Committee Chair, Department of Chemistry and Biochemistry, University of California, San Diego, 9500 Gilman Drive, Department of Chemistry and Biochemistry, La Jolla, CA 92037-0424. Applications are required and must be submitted online. University of California is an Equal Employment Opportunity Employer and does not discriminate.
Basic Science Medical Educators; Department of Medical Education
(Immunology, Microbiology, Neurophysiology, Anatomy)

The Paul L. Foster School of Medicine at El Paso is seeking highly qualified biomedical scientists to serve as full time medical educators in the Department of Medical Education. This is an extraordinary opportunity for basic scientists to pursue a career in medical education in a scholarly environment that encourages biomedical science and medical education scholarship.

The medical education commitment shall be approximately 80% time and effort, primarily delivering the first and second year medical student curriculum. Basic Scientist Medical Educators have approximately 20% time and effort for scholarly activity. A special feature of our curriculum is a scholarly project requirement that is supported in part by an advanced “Laboratory for Education in Molecular Medicine” (LEMM). The LEMM is accessible for scholarly work directly involving the instruction of medical students in the processes and procedures of biomedical science.

Minimum Qualifications: Ph.D., M.D., or equivalent terminal degree in the biomedical sciences (M.D. candidates without a Ph.D. in a relevant biomedical science must have additional credentials related to advanced scientific training and scholarship); A substantial record of success as a biomedical science educator; A relevant and substantial record of scholarship (including abstracts, publications and presentations).

Preferred Qualifications: See website for full details.

All basic science medical educator positions are salaried and fully funded. Salary, academic rank and tenure option are commensurate with experience. A comprehensive benefits package is included. All candidates must apply online at http://jobs.texastech.edu, requisition number 82125. For further information please contact: Tanis Hogg, Ph.D., Search Committee Chair, Associate Professor and Vice-Chairman, Department of Medical Education, TTUHSC; Paul L. Foster School of Medicine, 5001 El Paso Drive, El Paso, Texas 79905; tanis.hogg@ttuhsc.edu; (915) 783-1700 ext. 226 (Brenda Mead).

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

Department of Cellular Biology
University of Georgia

Faculty Position: Cell Biology

The Department of Cellular Biology at the University of Georgia invites applications for a tenure-track Assistant Professor. The candidate’s research must address fundamental problems in cell biology. Individuals whose research bridges cell biology with other disciplines are also encouraged to apply. Successful applicants will be expected to develop a strong extramurally funded research program and contribute to instruction in cell biology or related disciplines. A competitive package of startup funds and salary will be offered. Visit www.uga.edu/cellbio/newfaculty for further detail. Applicants should send a cover letter, curriculum vitae, research statement, statement of teaching philosophy, and arrange to have 3 letters of references sent to: cbsearch@uga.edu. Applications received by January 10, 2011, are assured of full consideration.

Endowed Faculty Position: Infectious Diseases

The Department of Cellular Biology at the University of Georgia invites applications for an endowed tenure-track faculty position at the associate professor level in the area of Infectious Diseases. Candidates with an established research program focusing on novel approaches to understanding the interaction between pathogen/parasite and host at the cellular, metabolic, or immunological level are particularly encouraged to apply. The Department has strong representation in the Center for Tropical and Emerging Global Diseases, one of the world’s leading centers for parasite research. The position includes a very competitive salary, excellent laboratory space and a generous startup package and is further enhanced by an endowment. Visit www.uga.edu/cellbio/newfaculty for further detail. Applicants should send a cover letter, curriculum vitae, research statement and teaching philosophy and arrange to have 3 letters of references sent to: idsearch@uga.edu. Applications received by January 10, 2011, are assured of full consideration.

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ROYAL SOCIETY LONDON 19 NOVEMBER 2010

Planning and implementing your career progression

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POSTDOCTORAL POSITION(S) available in the laboratory of Dr. Venigalla Rao, Biology Department, The Catholic University of America, Washington, D.C., to work on (i) the structure and mechanisms of virus assembly and DNA packaging in bacteriophage T4, or (ii) development of novel multi-component vaccines using bacteriophage T4 display (website: http://faculty.cua.edu/rao/). Research involves recombinant DNA construction, protein purification, and mutagenesis. Candidate will have Ph.D. in Biological Sciences and strong background in molecular biology and biochemistry. Experience in bioinformatics and structural biology will be an asset. Electronically send curriculum vitae and names of three references to e-mail: rao@cua.edu. Catholic University is an Equal Opportunity Employer.

POSTDOCTORAL ASSOCIATES
The Institute of Marine and Coastal Sciences at Rutgers, The State University of New Jersey, is seeking Postdoctoral Associates for one-year renewable appointments in the areas of biological, chemical, geological, and physical oceanography. To apply, please electronically send your resume, a statement of research interest, and the names of three references by January 15, 2011, to Dr. Francisco E. Werner, e-mail: postdoc2011@marine.rutgers.edu. Rutgers is an Equal Opportunity/Affirmative Action Employer. Employment verification required.

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