Science Careers

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 governance 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 Dworkin c/o Stephanie Holden, immuchair@uchc.edu or via the University of Connecticut Health Center Employment Services website, https://jobs.uchc.edu, search code 2011-065.

UCHC is an Equal Opportunity Employer M/F/V/PwD
The National Cancer Institute (NCI) coordinates the National Cancer Program and conducts and supports research, training, health information dissemination, and other programs with respect to the causes, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and their families. NCI has a staff of approximately 3,500 and an annual budget of approximately $5.0 billion.

Are you an exceptional candidate who can serve as a key member of NCI’s leadership team? The Institute is seeking superior candidates for the challenging position of Deputy Director for Management, NCI. This position offers a unique and exciting opportunity to be the principal advisor to the NCI Director and senior staff on all matters that directly affect the business management and administrative operations of NCI. He/She serves as the chief operating officer for NCI, building organizational capability and skillfully presenting ideas and innovative solutions. The Deputy Director for Management coordinates activities and works to ensure that all divisions, labs, offices, and branches within NCI function seamlessly. He/She provides guidance to senior program and scientific staff on human and financial resource utilization, administrative management, contracts and procurement management, information technology and information systems, technology transfer and development, infrastructure, and human capital issues to support and advance the achievement of NCI’s mission.

We are looking for applicants with senior level experience who have a commitment to excellence and the energy, enthusiasm, and innovative thinking necessary to lead a dynamic and diverse organization. Applicants must possess senior level experience (GS-14/15 or equivalent) that meets the mandatory Senior Executive Service (SES) Executive Core Qualifications (ECQs) requirements that are detailed at http://www.jobs.nih.gov/vacancies/executive.htm.

The successful candidate for this position will be appointed at a salary of $119,554-179,700, with full Federal benefits, including leave, health and life insurance, retirement, and a savings plan (401K equivalent).

If you are ready for an exciting leadership opportunity, please see the detailed vacancy announcement at http://www.jobs.nih.gov (under Executive Jobs Announcement Number: NCI-10-04SES). Applications are due by August 31, 2010.

DHHS, NIH, and NCI are Equal Opportunity Employers
Tenure/Tenure-Track Investigator Positions in Systems Immunology and Infectious Disease Modeling

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

Modern technology allows the deep analysis of biological systems at multiple levels. The challenge is not only to collect the large amounts of data new technologies can generate, but also to organize it in a manner that enhances our understanding of how such systems operate. Achieving this goal requires an interdisciplinary effort, and for this reason PSIIM is organized as an integrated team of scientists and support staff structured in groups. These groups will have access to the latest technology for gene expression profiling, next generation sequencing, high content screening of RNAi libraries, imaging, and genomic and proteomic analysis, as well as a substantial computer infrastructure, together with modern conventional laboratory facilities for cell and animal experimentation. They will also have access to BSL-3 facilities for working with infectious agents of high priority for human health and biodefense. Although PSIIM has been established within NIAID and has an immune/infectious disease focus, it is also expected to play a major role in fostering the growth of systems biology efforts throughout NIH. PSIIM staff will interact extensively with investigators in other components of the NIH intramural research program.

Current groups in PSIIM include Immunology, Computational Biology—Modeling and Simulation, Molecular/Cell Biology—High-throughput Screening, Proteomics, and Systems Genomics. PSIIM is now recruiting for a tenure-track or tenure level team leader appointment in the following area:

Transcriptional Networks and Control of Differentiation: The incumbent will be responsible for applying and, as required, developing novel experimental and computational methods for the systems-wide analysis of gene regulatory pathways and networks, with a specific emphasis on the transcription factor circuits that define cell fate and that translate extracellular signaling into cellular responses. As part of this effort, the incumbent will engage in quantitative measurements of transcription factor and gene expression, analysis of protein-DNA interactions, and assessment of the contributions of epigenetic modifications/chromatin remodeling events to regulation of the behavior of such transcriptional networks. PSIIM is especially interested in recruiting an individual with a strong interest in the application of these methods to the integration of information on cell signaling events, developmental state, and gene regulatory circuits into comprehensive models of the control of cellular differentiation, for example, of effector CD4+ T cells or IPS.

This position and its research activities are fully funded by the intramural research program of NIAID. The team leader is expected to build a working group consisting of postdoctoral fellows, students, technicians, and staff scientists. The team leader will work with the program director and other PSIIM faculty to help set the goals for PSIIM and to determine how best to reach these goals as an integrated group. Applicants should be seeking a challenge in which creativity, technical expertise, and a strong desire to achieve in a team setting will be critical for success.

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

Additional information about PSIIM is available online at www.niaid.nih.gov/LabsAndResources/labs/aboutlabs/psim/Pages/default.aspx.

Applicants must have a Ph.D., M.D., or equivalent degree in a relevant field with extensive post-doctoral experience, as well as a strong publication record demonstrating potential for creative research.

To apply, submit your curriculum vitae, bibliography, and a detailed statement of how your expertise can contribute to the success of the PSIIM program to Hanh Ngo at PSIIM4Search@niaid.nih.gov.

In addition, three letters of reference must be sent directly from the referee to Robert Hohman, Ph.D., Chair, NIAID Search Committee, c/o Hanh Ngo at PSIIM4Search@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, MD 20892-1356.

Email is preferred. Applications will be reviewed starting on October 3, 2010, and will be accepted until the position is filled.

For more information about the NIAID systems biology program, please visit www.niaid.nih.gov/catalyst/2006/06.09.01/page1.html.

National Institute of Allergy and Infectious Diseases

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

National Institute of Allergy and Infectious Diseases
Proud to be Equal Opportunity Employers
Faculty Positions in Systems Neuroscience
University of Oregon

The Institute of Neuroscience (http://uoneuro.uoregon.edu) and the Department of Biology at the University of Oregon seek to fill up to three tenure-related faculty positions in Fall 2011. Two are at the level of Assistant Professor, and one is open-rank. We are particularly interested in candidates studying neural circuit function, development and plasticity. Researchers working with zebrafish or rodent model systems are especially encouraged to apply, although all model systems will be considered. The interests of our group encompass all levels of analysis – from molecules, genes, and neurons to behavior and cognition – in a wide diversity of model organisms. The successful candidate will complement existing strengths in developmental, systems and cognitive neuroscience, have an outstanding research program, and a commitment to excellence in teaching. Ph.D. required. Interested persons should apply online to the University of Oregon SYSTEMS NEURO SEARCH at https://academicjobsonline.org/ajo/jobs/345. Applicants should submit a cover letter, a curriculum vitae including publication list, a statement of research accomplishments and future research plans, a description of teaching experience, and three letters of recommendation. Submission of 1-3 select reprints is encouraged but not required. To be assured of full consideration application materials must be uploaded by October 1, 2010, but the search will remain open until the positions are filled.

Faculty Positions in Zebrafish Cell Biology, Development, or Neuroscience
University of Oregon

The Institute of Neuroscience (ION) (http://uoneuro.uoregon.edu) and the Department of Biology at the University of Oregon seek to fill up to three tenure-related faculty positions in Fall 2011. Two positions are at the Assistant rank, and one is open-rank. We are particularly interested in candidates using zebrafish to address fundamental questions in cell biology, development, and neuroscience, but we invite applications from candidates using zebrafish to investigate any fundamental biological processes. Successful candidates will complement the existing strengths of our internationally-recognized zebrafish group, have an outstanding research program, and demonstrate a clear commitment to excellence in teaching. Ph.D. required. Interested persons should apply online to the University of Oregon ZEBRAFISH SEARCH at https://academicjobsonline.org/ajo/jobs/344. Applicants should submit a cover letter, a curriculum vitae including publication list, a statement of research accomplishments and future research plans, a description of teaching experience, and three letters of recommendation. Submission of 1-3 select reprints is encouraged but not required. To be assured of full consideration, application materials must be uploaded by October 1, 2010, but the search will remain open until the positions are filled.

The University of Oregon is an Equal Opportunity/Affirmative Action Institution committed to cultural diversity and compliance with the Americans with Disabilities Act. Women and minorities encouraged to apply. We invite applications from qualified candidates who share our commitment to diversity.

Faculty Positions in Systems Neuroscience
University of Oregon

The Institute of Neuroscience (http://uoneuro.uoregon.edu) and the Department of Biology at the University of Oregon seek to fill up to three tenure-related faculty positions in Fall 2011. Two are at the level of Assistant Professor, and one is open-rank. We are particularly interested in candidates studying neural circuit function, development and plasticity. Researchers working with zebrafish or rodent model systems are especially encouraged to apply, although all model systems will be considered. The interests of our group encompass all levels of analysis – from molecules, genes, and neurons to behavior and cognition – in a wide diversity of model organisms. The successful candidate will complement existing strengths in developmental, systems and cognitive neuroscience, have an outstanding research program, and a commitment to excellence in teaching. Ph.D. required. Interested persons should apply online to the University of Oregon SYSTEMS NEURO SEARCH at https://academicjobsonline.org/ajo/jobs/345. Applicants should submit a cover letter, a curriculum vitae including publication list, a statement of research accomplishments and future research plans, a description of teaching experience, and three letters of recommendation. Submission of 1-3 select reprints is encouraged but not required. To be assured of full consideration application materials must be uploaded by October 1, 2010, but the search will remain open until the positions are filled.

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The University of Oregon is an Equal Opportunity/Affirmative Action Institution committed to cultural diversity and compliance with the Americans with Disabilities Act. Women and minorities encouraged to apply. We invite applications from qualified candidates who share our commitment to diversity.
Director, Rehabilitation Research and Development Service

The Department of Veterans Affairs (VA) Rehabilitation Research & Development (RR&D) Service seeks qualified candidates for the position of Director.

The goal of RR&D is to improve quality of life of Veterans and their families through restoration of physical, psychological, social, and vocational functions. RR&D integrates multiple scientific disciplines to investigate and develop concepts, processes, and products to directly meet the needs of Veterans with chronic disabling diseases and conditions. Emphasized research areas include neurosciences, aging and neurodegenerative diseases, brain and spinal cord injury, musculoskeletal rehabilitation, rehabilitation engineering, prosthetics, psychological health, social reintegration, sensory systems, and regenerative medicine. The RR&D Service portfolio emphasizes basic research to repair injured organs and tissues; translational research to bring basic discoveries to clinical use; prosthetics, orthotics, and assistive device research; and research aimed at restoring physiological function and social integration.

The Director serves as functional leader and directs, plans, and manages ongoing operations of RR&D to generate new scientific knowledge and provide strategic direction for rehabilitation research.

Candidates must be a United States citizen & possess an M.D. or O.D.

Location: Washington, DC; Salary range: 110,000 to 230,000 USD/year, determined by compensation panel.


Three faculty positions in Diagnostics and Therapeutics Research

As part of GSU’s Second Century Initiative (2CI) to add 100 faculty members over the next five years in selected areas, the College of Arts and Sciences plans to fill a cluster of three tenure-track faculty positions (rank open) within a year in the areas of chemical probe development (chemical biology), biomarkers, and chemosensors, pending budgetary approval. Emphasis will be on recruiting established investigators with external funding. The planned faculty recruitment is part of an overall effort to establish a Center for Diagnostics and Therapeutics at GSU, and along the strategic directions of Georgia Research Alliance and Georgia Cancer Coalition, two major organizations providing support to biomedical research in Georgia. Each appointment will be made to an academic department in accordance to the individual’s degree and area of expertise and will be affiliated with the Center. This Center is housed in the new Petit Science building with 350,000 square feet of space for interdisciplinary research and teaching activities and world-class facilities. The same building also houses the Departments of Biology and Chemistry, the Neuroscience Institute, Center for Biotechnology and Drug Design, an animal facility, a BSL4 lab and several BSL3 labs, Center for Viral Immunology, as well as the Molecular Basis of Disease Program and the Brains and Behavior Program for optimal interactions and collaborations. Successful candidates must have a Ph.D., M.D. or equivalent degree and demonstrate the ability to establish a vigorous, externally funded research program and to mentor Ph.D. graduate students. Excellence in teaching at both undergraduate and graduate levels is expected. Candidates at senior levels must have strong track records in research and teaching excellence, and in securing external funding. Applicants should submit a CV, detailed research plan(s), a statement of teaching philosophy, and a list of at least three references to: Dr. Binghe Wang, Diagnostics Faculty Search Committee, Department of Chemistry, Georgia State University, P.O. Box 4098, Atlanta, GA 30302-4098. Application processing will begin immediately and search will remain open until filled.

Georgia State University is a Research University of the University System of Georgia. Offers of employment will be conditional upon background verification.

URL: http://chemistry.gsu.edu

IAU Office for Astronomy Development

As a first step in the implementation of the decadal strategic plan “Astronomy for the Developing World – Building from the IYA2009,” the International Astronomical Union (www.iau.org) has selected the South African Astronomical Observatory (SAAO) in Cape Town as the location for the Office for Astronomy Development (OAD). The OAD will be a joint venture between the IAU and the SAAO to lead and coordinate the development activities of the IAU globally.

We now seek an outstanding individual to fill the role of Director for the OAD to provide the necessary leadership and spearhead the effective implementation of the IAU strategic plan. The success of this important initiative will be critically dependent on the performance of the OAD and its Director, whose drive and commitment will be essential in building up the ambitious programmes envisaged by the IAU.

The successful candidate can be expected to satisfy the following minimum requirements:

- An honours degree or equivalent in astronomy or a closely related field (and a strong affinity with astronomy).
- Proven track record in education and capacity building activities at an international level.
- Demonstrable strategic vision and experience of change management.
- Managerial experience, including people and financial management.
- Demonstrable record of leadership and achievement, as well as a strong international reputation.

Experience in fundraising will be a significant advantage.

The tasks of the Director will include:

- Worldwide management, coordination and evaluation of IAU programmes in the area of development and education and establishment of their annual budgets.
- Liaison with the chairs of relevant IAU programme groups/sector task forces and other relevant stakeholders in planning and implementing the relevant programmes.
- Build up IAU regional astronomy development nodes, liaison with the IAU regional coordinators and nodes in planning and implementing relevant programmes.
- Implementation of new activities, as outlined in the IAU decadal strategic plan.
- Managing the OAD and its staff, including recruitment, establishment and control of the OAD budget, interfacing with the SAAO as host organisation and appropriate regular reporting.
- Proactive coordination and initiation of fund-raising activities for astronomy-driven capacity building activities.

The successful candidate will be expected to have an established network of contacts relevant to the tasks described above.

The Director will report to the Director of the SAAO. The activities of the OAD will be overseen by a Steering Committee comprising nominees of both the IAU and the SAAO.

The SAAO is a facility of the South African National Research Foundation (NRF) and provides a stimulating astronomical environment with a proven record of capacity building located in one of the most beautiful and cosmopolitan cities in the world. The Director will be appointed according to normal conditions of service of NRF employees, with a salary commensurate with their background and experience. This is a contract position for 5 years.

Interested candidates should send a cover letter and full CV, including the contact details of at least 3 references, by email to both the IAU General Secretary, Ian Corbett (iau@iap.fr), and SAAO HR Manager, Linda Tobin (linda@saao.ac.za). The selection process will begin after 30 September 2010.

For further information please contact the IAU General Secretary, Ian Corbett. Correspondence will be conducted with short-listed candidates only. SAAO is committed to employment equity and redress.
Make a Difference.
Help give science a greater voice in Washington, DC! Since 1973, AAAS Fellows have applied their skills to federal decision-making processes that affect people in the U.S. and around the world, while learning first-hand about the government and policymaking.

Join the Network.
Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, computational/mathematical, earth, medical/health, or physical science, or any engineering discipline. Individuals with a master’s degree in engineering and three years of post-degree professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.
The application deadline for the 2011-2012 AAAS Fellowships is 5 December 2010. Fellowships are awarded in the spring and begin in September. Stipends range from $74,000 to $97,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

Full details at: fellowships.aaas.org
The Department of Biochemistry and Molecular Biology invites applications for a tenure-track faculty position at the ASSISTANT or ASSOCIATE PROFESSOR rank. The Department is deeply committed to interdisciplinary approaches, with strengths in molecular genetics, developmental biology, cell biology, neurobiology, and structural biology. We are seeking outstanding candidates who are pursuing cutting-edge research in any of these fields. We are especially interested in the areas of chemical biology, genome instability, regulatory networks, membrane and organellar biology, and models of human disease.

Our Department offers a collegial, collaborative environment and has a tradition of being very supportive of new faculty. Baylor College of Medicine is located in the heart of the Texas Medical Center in Houston and is affiliated with 11 educational institutions, including the University of Texas Medical School, The UT MD Anderson Cancer Center, and Rice University, to name a few. Academic rank and salary are commensurate with experience and qualifications. Candidates should send a cover letter, curriculum vitae, statement of research interests, and arrange to have three letters of recommendation sent to Dr. John Wilson at: BMISearch@bcm.edu. The committee will review applications beginning October 1, 2010, and will continue until the position is filled.

Baylor College of Medicine is an Equal Opportunity Affirmative Action and Equal Access Employer.
There’s a *Science* to finding the best faculty.

Reach more candidates with our faculty issue focusing on scientists working at smaller research universities. Make sure our readers see your ad.

- 130,000 print subscribers each week including over 65% Ph.D.s
- Special bonus distribution mailing of this issue to 55,000 scientists

### POSTDOCTORAL RESEARCH ASSOCIATE

Position available to study electrophysiological properties of central neurons in mouse brain slices in models of Huntington’s Disease. Focus is on mechanisms regulating intrinsic excitability and synaptic transmission. Candidates will acquire expertise in whole cell recording and in vitro imaging techniques. Position is in the Department of Neuroscience of the Albert Einstein College of Medicine, which provides an outstanding training environment. Applicants should send a letter of interest, CV, and a list of at least three potential references to:

Dr. Donald Faber, Chair,
Department of Neuroscience, KC 903
Albert Einstein College of Medicine
1300 Morris Park Avenue, Bronx, NY 10461
donald.faber@einstein.yu.edu

Albert Einstein College of Medicine is an equal opportunity employer committed to workforce diversity.

### FACULTY POSITION IN PHARMACOLOGY

The Department of Pharmacology at the University of California, Irvine (UCI) invites applications for a tenured faculty position at the level of Associate/Full Professor. We seek a scholar with a proven record of research accomplishments. He/she should have specific interest in cellular and molecular mechanisms governing gene expression and their functional links to physiology and metabolism. Special consideration will be given to candidates with expertise and experience in integrating genetic, biochemical and physiological approaches. Other qualifications include an M.D. and/or Ph.D. and a strong drive to pursue a dynamic research program and an interest in and talent for graduate teaching.

Interested applicants must submit cover letter, curriculum vitae, a statement of research, a statement of teaching and contact information for 3-5 references via the University of California Irvine’s Academic Personnel RECRUIT System at [http://recruit.ap.uci.edu](http://recruit.ap.uci.edu).

The University of California, Irvine has an active career partner program and an NSF ADVANCE Program for Gender Equity and is an Equal Opportunity Employer committed to excellence through diversity.
Deputy Director,
Joint Global Change Research Institute
College Park, MD

Pacific Northwest National Laboratory is seeking a Deputy Director for the Joint Global Change Research Institute, a collaboration between PNNL and the University of Maryland, in College Park, Md. The Institute houses an interdisciplinary team dedicated to understanding the issues associated with global climate change and their potential resolution. Institute staff bring decades of experience and expertise to bear in science, technology, economics, and policy related to climate change and energy. The Institute is a leading center for research on understanding the role of technology as both a cause of and a solution to anthropogenic climate change.

The successful candidate will have an international reputation in climate change research and demonstrate broad understanding of the interconnected issues associated with global change research. A Ph.D. in Environmental Sciences or Engineering, Economics, Energy Policy or related field and demonstrated experience both managing and participating in multi-disciplinary teams is essential.

To apply, go to http://www.pnl.gov/atmospheric/jobs.stm

For additional information about the Institute, visit http://www.globalchange.umd.edu.

Columbia University
Medical Center
Department of Pathology
FACULTY POSITIONS

Columbia University Department of Pathology and Cell Biology seeks highly qualified individuals for faculty positions in surgical pathology, clinical pathology, and research. Appointments can be at the Assistant, Associate, Professor, or Associate Research Scientist level, depending on experience and qualifications. All positions require outstanding academic credentials and a record of scholarly productivity. Clinical positions require board certification and a license in NYS. Research positions require record of publication in leading journals and a statement of research directions. A history of successful research funding is desirable.

To apply online, go to Web site: https://academicjobs.columbia.edu/applicants/Central?quickfind=53496

Send duplicate of your application to: Positions, Department of Pathology Columbia University 630 West 168th Street New York, NY 10032

Columbia University takes affirmative action toward equal employment opportunity. Women and minorities are encouraged to apply.

POSTDOCTORAL SCIENTIST
Biomimetic Nanopores

Nanopores provide new possibilities for the purification and characterization of macromolecules with profound implications for biology, medicine, pharmacology and biotechnology. The nuclear pore complex is a cellular nanopore which has unique abilities for specifically sorting native macromolecules and their complexes at high speed. In an interdisciplinary project involving biochemists, biophysicists and engineers we have created functionalized artificial nanopores mimicking transport properties of the nuclear pore complex (Nature 457 (2009) 1023). We are looking for a postdoctoral scientist who is interested in pursuing the project by applying a whole range of techniques, in particular protein expression and purification, creation of functionalized nanopores, high-resolution light microscopy, innovative flux measurement techniques and the engineering of nanopore-based protein purification machines.

Position available immediately

Interested scientists should send a CV and three references to Beth Anne Hatton; hattonb@mail.rockefeller.edu, Administrative Assistant to Professors Michael Rout, Brian Chait and Reiner Peters.

The Rockefeller University is an Affirmative Action/Equal Opportunity/V/EAA Employer and solicits applications from women and under-represented minorities.
Anthony and Lillian Lu Professorship
Department of Biological Chemistry
University of Michigan Medical School

The Department of Biological Chemistry seeks applications from and nominations of outstanding established investigators for the Anthony and Lillian Lu Endowed Professorship. Areas of emphasis in the Department that we would like to complement with the hiring of a senior investigator are protein folding and processing, structural enzymology, redox signaling, or regulation of gene expression. Qualifications include a Ph.D. and/or M.D., a minimum of eight years of independent research experience, and an existing research program of international stature. In addition to maintaining an active research program, the successful candidate will train doctoral students and postdoctoral fellows and participate in classroom teaching activities of the department.

The Department of Biological Chemistry currently has 45 active faculty members and is in the midst of a phase of expansion. There are many opportunities for interactions both within the Department and across the campus. Further information about the Department of Biological Chemistry can be found at website: http://www.biochem.med.unc.edu/biochem/.

Applicants or nominators should submit curriculum vitae and a one or two page summary highlighting previous research accomplishments and plans for future research. Applications must be submitted to: Search Committee, c/o Amanda Howard, Department of Biological Chemistry, 5301 Medical Science Research Building III, 1150 W. Medical Center Dr., University of Michigan Medical School, Ann Arbor, MI 48109-0606. References will not be contacted without permission of applicants or nominators.

The University is an Affirmative Action/Equal Opportunity Employer.

Postdoctoral Positions are available to study molecular mechanisms of estrogen receptor (ER) action. One project is to study the role of coactivators and corepressors in controlling ER function (ER) in breast cancer and a second project is in the area of molecular mechanisms regulating ER-dependent gene expression. Projects utilize molecular cellular biology and high throughput genomic approaches. For details of the laboratory’s research, see website: http://www.bcm.edu/mcb/index.cfm?pid=7708.

Required qualifications: Recent Ph.D. with strong background in molecular biology, and/or cell biology. Salary commensurate with experience.

To apply, send a letter of application including a short description of research experience and interests, curriculum vitae, and the names and contact information for three references to Carolyn Smith, Ph.D., (e-mail: carolyns@bcm.edu) and apply online at: website: http://www.medschooljobs.org, position #198285. Baylor College of Medicine is an Equal Opportunity/Affirmative Action/Equal Opportunity Employer.

Faculty Position
The Department of Chemistry at Lawrence University invites applications for a tenure-track faculty position beginning fall 2011. Teach courses in the chemistry department primarily in the areas of inorganic chemistry and general chemistry, as well as occasional participation in our college-wide, nationally-recognized freshman studies program. Candidates must be committed to excellence in teaching in a liberal arts environment, and be ready to develop an active research program that will challenge and interest our undergraduates. A Ph.D. is required. Postdoctoral experience in teaching or research is desirable. The search is open with respect to rank, but we anticipate hiring at the ASSISTANT PROFESSOR level. A letter of application, curriculum vitae, statements of teaching philosophy and research plans, undergraduate and graduate transcripts, and three letters of reference should be sent directly to: Associate Professor David Hall, Chair, Department of Chemistry, Lawrence University, Appurines, WI 54912. Fax: 920-832-6962. Applicants should address their letters of application in the way in which they could contribute to Lawrence’s institutional mission and goals. Review of applications will begin September 24, 2010. Lawrence University is a private, selective college of liberal arts and sciences with a conservatory of music. About a quarter of its 1400 students major in the natural sciences, and the student-to-faculty ratio is 11:1. Its chemistry department resides in a state-of-the-art science facility that houses a wide array of instrumentation, including a 400 MHz NMR, GC/EPC, HPLC, Raman, FT-IR and UV-Vis spectrometers. Lawrence University is committed to enhancing the diversity of its faculty, and the diversity of viewpoints and approaches that the faculty represents.

Multiple Faculty Positions
Department of Chemistry Emory University

The Department is seeking candidates for two ASSISTANT PROFESSOR positions. Applicants should have a proven record of research accomplishments. Successful candidates will be expected to establish independent research programs and have a strong commitment to teaching at both the undergraduate and graduate levels.

The first position is in the area of C-H functionalization. Applicants should have research plans related to C-H functionalization, and experience in relevant areas of chemistry such as organic chemistry, inorganic chemistry, or computational chemistry. Applicants whose research interests complement those of the faculty in our National Science Foundation Phase I Center on C-H functionalization are particularly encouraged to apply. Ph.D. required. Reference job posting #17791BR.

The second position is for researchers working at the interface of chemistry and biology, broadly defined. Candidates whose research plans include both experimental and computational approaches are particularly encouraged to apply. Ph.D. required. Reference job posting #17792BR.

Please submit a cover letter stating which position you wish to apply for, curriculum vitae, summary of research interests, specific research plans, and a statement of teaching philosophy in a single PDF file by to e-mail: chemistry@emory.edu. Arrange for three letters of recommendation to be sent to the same address. Review of applications will begin September 24, 2010.

Emory University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and members of minority groups.
Imperial College
London
Microbiology Section
Department of Medicine
Non-Clinical Lecturer in
Molecular Microbiology


The Microbiology Section wishes to appoint two Non-Clinical Lecturers to carry out research programmes into infection/immunity relating to bacterial pathogen(s). Applications are invited from suitably qualified individuals with research interests in any aspect of bacterial infection or host immunity; those studying cellular immune mechanisms and Gram-positive bacteria are particularly welcome to apply.

You will be required to attract external research funding, supervise PhD students, post-doctoral fellows and research assistants, and to submit publications to refereed journals. You will also undertake teaching.

You will have a PhD and should be RAE returnable, with a strong research record in an appropriate aspect of prokaryotic biology or immunology.

You will be part of the Centre for Molecular Microbiology and Infection (CMMI), which is located at the South Kensington Campus. The CMMI is an inter-faculty centre of excellence involving the Imperial College London Faculty of Medicine and the Faculty of Life Sciences. Groups in the CMMI study microbial pathogenesis and host immunity, with an emphasis on diseases caused by bacteria (http://www.imperial.ac.uk/cmmi). The Division of Infection was awarded 5* at the last RAE.

Informal enquiries may be made to the Head of Section, Professor David Holden, at d.holden@imperial.ac.uk

Our preferred method of application is online via our website at http://www3.imperial.ac.uk/employment (please select “Job Search” then enter the job title or vacancy reference number into “Keywords”). Please complete and upload an application form as directed quoting reference number HM2010108.

Alternatively, if you are unable to apply online, please e-mail: mhrrec@imperial.ac.uk to request an application form.

Closing date: 15 September 2010 (Midnight BST).

Committed to equality and valuing diversity. We are also an Athena Silver SWAN Award winner.
ASSISTANT PROFESSORS of BIOCHEMISTRY
University of Washington, Seattle
The Department of Biochemistry at the University of Washington School of Medicine invites applications for two tenure-track positions at the Assistant Professor level. We seek creative scientists who conduct research on important biological problems using the tools of biochemistry, structural biology or biophysics, cell or molecular or developmental biology, or related fields. Our department is also strongly committed to teaching and service at the undergraduate, graduate, and medical school levels. Applicants should have a Ph.D. or M.D., and should submit curriculum vitae, a statement of research interests, and three letters of recommendation.

Applications should be submitted online at http://www.arjobs.org using the Faculty Instructional Research link. Applicants should supply electronically a single letter of application for one or both positions, curriculum vitae, and a statement describing their teaching philosophy and research interests that will be integrated and made available to candidates. Applicants should arrange for three letters of recommendation, including at least one that addresses teaching effectiveness and potential, to be sent electronically to e-mail: bcssearch@uw.edu by October 30, 2010. Three letters of recommendation should be sent separately to the same address, or mailed to: Alan Weiner, Zymogenetics Chair, Department of Biochemistry, Box 357350, University of Washington, Seattle, WA 98195-7350. The University of Washington is an Affirmative Action/Equal Opportunity Employer.

FACULTY POSITION
BAC Molecular Geneticist Assistant or Associate Professor
University of California San Diego (UCSD) Department of Neurosciences (website: http://neurosciencesci.sdsu.edu/). Position is available for individual with expertise in BAC (Bacterial Artificial Chromosome) mouse models to study neural disease or development in a fully independent research program. UCSD and associated local institutes provide an extremely strong and diverse neuroscience community and environment. Position will be within newly established Translational Neuroscience Institute in the School of Medicine with preference for the Assistant Professor level.

Competitive salary and startup, commensurate with qualifications and based on University of California pay scales. Review of applications will begin 30 September 2010, and will continue until the position is filled.

Application materials should be submitted via UCSD AP On-Line Recruiting (website: https://apo-recruit.ucsd.edu/), an electronic job application system. See position posting #11-166 in Recruiting.

Please be prepared to provide curriculum vitae, a statement of research interests, and three letters of reference. UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.

POSTDOCTORAL FELLOW in Human Immunobiology
Immediate opening. Project examines how simultaneous ligation of cell surface receptors on dendritic cells and macrophages with a novel ligand, induces an anti-inflammatory phenotype. We are examining the signaling pathways and soluble mediators produced by these cells postactivation. We are also examining how activation of these innate cells by the anti-inflammatory agent leads to reductions in HIV-1 viral load.

Applicants should have Ph.D., M.D., or D.V.M. degree with experience in human immunobiology. Please send curriculum vitae and names of references to: Dr. Donald Ham, Department of Infectious Diseases, College of Veterinary Medicine, University of Georgia, Athens, GA. 30602, or e-mail: dharn@uga.edu. Applications received by August 31, 2010 are assured full consideration. Georgia is an Equal Opportunity/Affirmative Action employer.

TWO POSITIONS: MOLECULAR GENETICIST AND CELL BIOLOGIST
The Department of Biology at the University of Richmond invites applications for two tenure-track positions as ASSOCIATE PROFESSORS of biology. Exceptional candidates at the ASSOCIATE PROFESSOR level will also be considered. Candidates should have a doctoral degree and postdoctoral training with a specialization in Molecular Genetics and/or Cell Biology. Teaching experience with undergraduates is preferred, but not required, and a record of research productivity is required. The candidate must meet all other required criteria by the time of selection for the position. The successful applicants are expected to commit to high-impact undergraduate teaching including introductory courses in the major, non-major courses, and upper-level electives in Molecular Genetics or Cell Biology. Successful candidates must also maintain an active research program that contributes to our biology and our biochemistry and molecular biology majors, attracts extramural funding, and actively engages undergraduate students. We are especially interested in recruiting individuals who have experience working with students from diverse backgrounds.

Applications should apply online at website: http://www.arjobs.org using the Faculty Instructional Research link. Applicants should supply electronically a single letter of application for one or both positions, curriculum vitae, and a statement describing their teaching philosophy and research interests that will be integrated and made available to candidates. Applicants should arrange for three letters of recommendation, including at least one that addresses teaching effectiveness and potential, to be sent electronically to e-mail: Iboland@richmond.edu, Department of Biology, University of Richmond, VA 23173. The deadline for applications is September 20, 2010.

The University of Richmond is committed to developing a diverse workforce and student body and to being an inclusive community. We strongly encourage applications from candidates who will contribute to these goals. For more information on the department, resources, and teaching responsibilities, see website: http://biology.richmond.edu/.

POSTDOCTORAL POSITION
Cardiovascular Research
A Postdoctoral RESEARCH ASSOCIATE position is available to study molecular basis of hypertension and vascular diseases. Our research team stands in the forefront of cardiovascular research. This position may have opportunity for independent research and promotion is based on accomplishments of the first two years. Competitive salary and health insurance coverage for family. Ph.D. or/and M.D. Prior experience with at least two of the following is preferred: vascular biology, biochemistry, gene therapy, small-molecule drug discovery, stem cell biology, protein chemistry, proteomics, or vascular physiology. Send detailed curriculum vitae and three references to: Dr. Zhongjie Sun, Department of Physiology, University of Oklahoma Health Science Center, USA. E-mail: zhongjie-sun@ouhsc.edu.

FOUR TENURE-TRACK FACULTY POSITIONS
Texas A&M Center for Phage Technology
The Departments of Biochemistry and Biophysics, Plant Pathology and Microbiology, and Veterinary Pathobiology invite applications for tenure-track ASSISTANT and ASSOCIATE POSITIONS in the interdisciplinary Center for Phage Technology (CPT) being established jointly by Texas A&M University and Texas AgriLife Research. The Center is dedicated to basic and applied research in bacteriophage biology and its potential for antibacterial strategies in human and animal medicine, agriculture and industry. Successful candidates are expected to establish research programs consistent with the goals of the CPT and to participate fully in the educational programs of the respective departments. Competitive start-up packages, salaries, and laboratory space will be provided. Please send curriculum vitae, contact information for three individuals who will serve as references, and research précis to: Center for Phage Technology Interdepartmental Search Committee, 2128 TAMU, College Station, TX 77843-2128. E-mail: cpt@tamu.edu. Review of applications will commence August 15, 2010 and continue until the positions are filled. Two positions will be filled for academic year 2011-12 and two more the following year. Equal Opportunity Employer.

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