ASSISTANT DEAN AND DEPARTMENT CHAIRPERSON
Department of Pharmaceutical Sciences
Feik School of Pharmacy
University of the Incarnate Word

The Feik School of Pharmacy at the University of the Incarnate Word has reopened the search and invites applications and nominations for the position Assistant Dean and Chairperson of the Department of Pharmaceutical Sciences. This is a tenure-track position available at the ASSOCIATE or FULL PROFESSOR level. The Department of Pharmaceutical Sciences currently has 10 faculty members with plans to grow to 12. The Department also includes a contingent of adjunct lecturers and research collaborators.

The successful candidate will provide leadership and vision for the Department while participating with the Dean in policy making, expansion, and governance of the School. The Chairperson will oversee faculty recruitment and retention, mentor and evaluate faculty, and assume a role in guiding the growth and development of the faculty.

The Chairperson will serve as an advocate for faculty, staff, and students, while helping to maintain an environment that embraces excellence in teaching, scholarship, and community service. The Chairperson is expected to interface with current institutional affiliations, help create new affiliations, and represent the School in local, state, and national organizations. Specific duties of the Chairperson include assigning teaching responsibilities, development of the departmental budget, teaching, engaging in service and scholarly activities, and serving on the School’s executive committee.

The preferred candidate will have a terminal degree, at least five years of experience in the academia of pharmacy, a good record of scholarly activity, outstanding communication and interpersonal skills, evidence of management ability, an understanding of changing patterns in pharmacy education, and a commitment to diversity.

Nominations, inquiries, and letters of intent should be addressed to: Areelia Johnson-Fannin, Pharm.D., Dean, Feik School of Pharmacy (CPO #99), University of the Incarnate Word, 4301 Broadway, San Antonio, TX 78209. To be considered for the position an electronic application must be completed at website: http://jobs.uiw.edu. The position will remain open until filled. However, review of applicants is expected to begin early December 2009.

University of the Incarnate Word is an Equal Opportunity Employer.

VERTEBRATE BIOLOGIST

The Department of Biological Sciences at the University of Arkansas solicits applications for a tenure-track ASSISTANT PROFESSOR in the field of integrative vertebrate biology. We seek an individual working in broadly defined areas such as physiology, morphology, genetics, or developmental biology. Successful candidates must have a Ph.D. and be expected to establish an extramurally supported research program, supervise graduate and undergraduate research, and teach at the graduate and undergraduate levels. Review of applications will begin January 15, 2010, and will continue until the position is filled. Applications should include curriculum vitae, a statement of current and future research plans, teaching interests, and three letters of recommendation. Application materials should be sent electronically or by mail to: Dr. Jeffrey Silberman, Search Committee Chair, Department of Biological Sciences, 601 SCEN, 1 University of Arkansas, Fayetteville, AR 72701. E-mail: jeff@uark.edu; website: http://biology.uark.edu. The University of Arkansas is an Equal Opportunity/Affirmative Action Employer. Applicants must have proof of legal authority to work in the United States at the time of hire. All applicants are subject to public disclosure under the Arkansas Freedom of Information Act.

FACULTY POSITION IN C-H FUNCTIONALIZATION RESEARCH

The Department of Chemistry at Emory University has recently been awarded a National Science Foundation Phase I Center on C-H Functionalization and plans to expand its research capability in this area. Applicants are sought for an ASSISTANT PROFESSOR position with research interests that would complement the research activities of the current faculty. Applicants should have research plans related to C-H functionalization, broadly defined, and a proven record of research accomplishments in relevant areas of chemistry such as organic chemistry, bioorganic chemistry, or computational chemistry. The applicant would be expected to establish an active, independent research program and to have a strong commitment to teaching at both the graduate and undergraduate levels. Please submit electronically a cover letter, curriculum vita, a summary of research interests, specific research plans, and a teaching philosophy statement in a single PDF file to e-mail: chemistrysearch@emory.edu. Arrange for three letters of recommendation to be sent to the same address. A Ph.D. is required. Review of applications will begin December 21, 2009.

Emory University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of minority groups.

FACULTY POSITION

Massachusetts Institute of Technology
Department of Materials Science and Engineering

The Department of Materials Science and Engineering seeks a candidate for a tenure-track faculty position to begin July 2010 or thereafter. Appointment would be at the ASSISTANT or untenured ASSOCIATE PROFESSOR level. In special cases, a senior faculty appointment may be possible. Faculty duties include teaching at the graduate and undergraduate levels, research, and supervision of student research. We will consider candidates with backgrounds and interests in materials science and engineering or a related field. Candidates should hold a Ph.D. in materials science and engineering or a related field by the beginning of the appointment period. The preferred candidate will have a terminal degree, a proven record of research accomplishments associated with C-H functionalization, broadly defined, and a demonstrated commitment to teaching. Interested candidates should submit application materials electronically at website: https://dmsefacsrch.mit.edu. Each application should include curriculum vitae, the names and addresses of three or more references, a statement of research interests, and a statement of teaching interests. We request that each candidate arrange for reference letters to be uploaded at website: https://dmsefacsrch.mit.edu/letters/. Questions should be addressed to e-mail: dmse-searchmaster@dmsefacsrch.mit.edu.

Responses received by January 1, 2010, will be given priority.

We especially encourage minorities and women to apply because of MIT’s strong commitment to diversity in engineering education, research, and practice.

The Department of Biological Sciences and Geography, University of Cincinnati, seek a tenure-track ASSISTANT PROFESSOR in landscape, ecosystem, or aquatic ecology of watersheds. Preferred research interests are: structure and function of aquatic ecosystems, effects of aquatic interactions, biogeochemistry, or watershed-scale processes, combined with use of geographic information systems, sensor networks, remote sensing, and/or systems modeling. For a complete description of the position, qualifications, and application details, visit website: https://www.jobsatuc.com (position number 29UC53497). The University of Cincinnati is an Affirmative Action/Equal Opportunity Employer. Women, minorities, disabled persons, and Vietnam era and disabled veterans are encouraged to apply.
The National Institute of General Medical Sciences (NIGMS), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is seeking applications from exceptional scientists to serve as National Institute of General Medical Sciences (NIGMS), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is seeking applications from exceptional scientists to serve as Health Scientist Administrator. Applicants must be U.S. citizens. Salary: The current salary range is $102,721.00 - 133,543.00 USD per year depending on experience and accomplishments; a full Civil Service package of benefits (including retirement, health, life and long term care insurance, Thrift Savings Plan participation, etc.) is available. Recruitment or relocation incentive may be awarded and moving expenses will be paid. How to Apply: Position requirements and detailed application procedures are provided in vacancy announcement NIGMS-10-360616-CR-DE and MP, which can be obtained by accessing the NIGMS website at http://jobview.usajobs.gov/GetJob.aspx?JobID=83780262. All applications and supplemental information must be received no later than December 11, 2009. For additional Information, contact Gina Johnson at (301) 594-7593.

**Deputy Scientific Director**

The Division of Intramural Research (DIR) of the National Heart, Lung and Blood Institute (NHLBI) is seeking an exceptional candidate for the position of Deputy Scientific Director to provide leadership and support as an active partner with the Scientific Director in leading a large research program. The research program is wide in scope including both basic and clinical scientific research programs in such areas as heart and vascular disease, blood diseases, pulmonary, cardiology, hematology, cell biology, genetics, immunology, biophysics, and biochemistry. The existing faculty is an outstanding group of internationally recognized biomedical researchers covering a wide range of basic and clinical research topics (http://dir.nhlbi.nih.gov/).

This position offers a unique and exciting opportunity for the right individual to share responsibility in providing visionary leadership to an organization dedicated to uncovering new knowledge and technologies, both basic and clinical. A candidate is sought who has a commitment to scientific excellence to help identify emerging areas of opportunity for collaboration and to work with members of the research community to implement strategies for successful research outcomes. The incumbent will serve as the liaison between the DIR and the NHLBI Board of Scientific Counselors (BSC) with full oversight responsibilities for the entire BSC process. He/she will serve as a partner to establish relationships with regional hospitals to expand research opportunities and to impact clinical care. The incumbent will also build trans-NIH scientific and clinical collaborations and participate in trans-NIH initiatives. The candidate is expected to perform the specific duties listed above in addition to co-directing the intramural activities of the DIR with the Scientific Director.

Applicants must have an M.D., Ph.D., or both as well as senior-level research experience or knowledge of research programs in one or more scientific areas, related to the above mentioned DIR areas of interest. The candidate shall have administrative experience running a complex research program or institution. The candidate should be a strong communicator with the ability to work collaboratively to solve problems and to make informed decisions.

The successful candidate will be offered a competitive salary commensurate with experience and qualifications with a full benefits package (retirement, health & life insurance, leave, etc.). Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa. Complete applications must be received by December 18, 2009. Review of applications is expected to begin in late December, but applications will be accepted until the position is filled. Please submit a curriculum vitae and three letters of reference in .pdf or Microsoft word format only (no paper applications will be accepted) to: Robert S. Balaban, Ph.D., Scientific Director, NHLBI, c/o Tara Terndrup, nhlbideputysearch@mail.nih.gov.
Clinical Tenure-Track Position
Division of Intramural Research (DIR)

The National Institute of Allergy & Infectious Diseases (NIAID), Division of Intramural Research (DIR), is seeking an outstanding tenure-track investigator to develop a clinical research program to better understand, treat, and ultimately prevent infectious, immunologic, and/or allergic diseases. The successful candidate will implement and direct an independent clinical research program with an emphasis on clinical studies but which may include translational and basic research. The incumbent can choose the laboratory with which he or she would prefer to be affiliated. Any clinical protocols developed should complement the research goals of the selected laboratory. In addition, the incumbent will be paired with a senior investigator, who will serve as a clinical mentor.

An outstanding postdoctoral record of research accomplishment and an M.D., M.D. /Ph.D., or equivalent degree is required for this position; board eligibility/board certification is also required. The incumbent will be expected to meet the requirements for authorization of patient care privileges by the Credentialing Services of the NIH Clinical Center.

Candidates will be assigned independent resources to include clinical and/or laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries sufficient to foster success.

This is a tenure-track appointment under Title 42. Salary is dependent on experience and qualifications.

Interested candidates may contact Dr. Karyl Barron, DIR deputy director at 301-496-3006 or kbarron@nih.gov for additional information about the position.

To apply for the position, e-mail your curriculum vitae, bibliography, and an outline of your proposed research program (no more than two pages), by January 14, 2010 to Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov.

In addition, send three letters of recommendation to Chair, NIAID DIR Clinical Tenure Track Search Committee, c/o Ms. Yushekia Hill at NIAID.DIR.Search@niaid.nih.gov or 10 Center Drive MSC 1356, Building 10, Room 4A-22, Bethesda, MD 20892-1356.

E-mail is preferred. Please note search #027 when sending materials.

National Institute of Allergy and Infectious Diseases

Further information about DIR laboratories is available at www.niaid.nih.gov/about/organization/dir and information about working at NIAID is available at www.niaid.nih.gov/careers/sctt.
The Department of Surgery at NYU Langone Medical Center is seeking to recruit a Basic Scientist, for The Helen and Martin Kimmel Division of Wound Healing & Regenerative Medicine under the direction and leadership of Harold Brem, MD.

The Division of Wound Healing is seeking to fill several faculty positions at the rank of Assistant, Associate or Full Professor for scientists that use cellular and/or molecular-genetic approaches to address fundamental aspects of Wound Healing and Regenerative Medicine. The research laboratory is extremely collaborative with numerous resources in place. The program is purely translational and literal bridge to the operating room exists. Candidates with a background in wound healing, angiogenesis, pathology, stem cell biology, and regenerative cardiovascular medicine using mammalian systems or genetic approaches are especially encouraged to apply. Competitive salary, laboratory space and start-up funds are available. Candidates are expected to have a track record from the NIH. A PhD, MD, PhD/MD (or equivalent) is essential.

**Website:** [www.nyuwound.org](http://www.nyuwound.org)

Interested individuals should send their resume to the Helen and Martin Kimmel Program Manager, Tracy Henry via email to tracy.henry@nyumc.org.

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**Bioinformatics:**

Applications are sought in Bioinformatics for NIH funded researcher to work with Dr. Harold Brem, Division Chief of the Helen and Martin Kimmel Wound Center at New York University School of Medicine Department of Surgery - Division of Wound Healing and Regenerative Medicine.

**Responsibilities and Duties:**
- Data Analysis
- Develop algorithms and software tools in support of project research objectives
- Participating in writing project updates, reports, proposals and scientific articles
- Correlate Wound Electronic Medical Record (WEMR) data to clinical outcomes
- Collaborating with investigators within and outside the program, in furtherance of project objectives

**Requirements:**
- Applicants must hold a MD or PhD degree in Bioinformatics, Biology, Engineering, Physics, Computer Science, Mathematics or a related scientific discipline pertinent to the position. Experience with bioinformatics methods, tools, websites and data resources highly desired. Track record from NIH preferred.
- Qualified candidates should send your CV to the Helen and Martin Kimmel Program Manager Tracy Henry via email to tracy.henry@nyumc.org.

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**THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**Dean of Science**

The Hong Kong University of Science and Technology (HKUST) invites nominations and applications for the position of Dean of Science. The successful candidate is expected to assume office in September 2010 or soon thereafter.

Opened in October 1991, HKUST is a research university dedicated to the advancement of learning and scholarship particularly in science, engineering and business studies, with special emphasis on research and postgraduate education, and a mission to contribute to the economic growth and technological development of Hong Kong and the region. Within a short span of less than two decades, the University has gained international recognition as a leading university in the region. English is the medium of teaching, research and administration.

The School of Science includes five Departments: Biochemistry, Biology, Chemistry, Mathematics, and Physics and offers a whole spectrum of programs in the biological, physical, and mathematical sciences. Current enrollments at the School are around 1,400 undergraduate students and 400 postgraduate students. As the University makes the transition from a three-year to a four-year undergraduate curriculum, there is an anticipated 30 percent expansion of student enrolments beginning in 2012, with a concomitant growth in faculty and staff numbers, underpinned by major campus infrastructural developments.

Committed to its vision on research excellence, the University has identified three high impact scientific areas in the School of Science for special future attention as part of its strategic plan: nanoscience and technology; biological sciences and biotechnology; and environment and sustainable development.

The Dean of Science is an executive as well as a faculty appointment and is a member of the senior administrative team of the University. We seek an individual of outstanding stature who has the vision and capability to lead the School of Science to achieve the next level of excellence.

Concurrent with a professorial appointment, the appointment as Dean will normally be for an initial term of three years which may be renewed for a second term. Salary will be highly competitive with generous benefits.

Applications/nominations together with a curriculum vitae and the names and addresses of three referees should be sent to the Chairman of the Search Committee for Dean of Science, c/o Human Resources Office, HKUST, Clear Water Bay, Kowloon, Hong Kong [email: searchdsc@ust.hk, fax no. (852) 2358 0700], on or before 15 January 2010. All applications and nominations will be treated in strict confidence. The search will continue until a suitable appointment is made. Additional information about the University and the School is available on the websites [www.ust.hk](http://www.ust.hk) and [science.ust.hk](http://science.ust.hk) respectively.

*(Information provided by applicants will be used for recruitment and other employment-related purposes.)*

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Novartis Institutes for BioMedical Research (NIBR), the global research organization of Novartis, has the following positions open at its Emeryville, CA location (near San Francisco).

**Research Investigator II**

**Translational Sciences/Histopathology, Requisition Number: 3028BR**

The individual will be responsible for planning and supervising multiple research projects within an experimental pathology group. Duties will include the conception, implementation and interpretation (including pathological assessment) of immunohistochemistry and histology-based studies that will guide the development of new drugs to treat human cancers. Key areas of research will include investigating and evaluating target expression in normal and cancer tissues and development of assays for biomarkers and patient stratification. Candidates should have a PhD with a strong background in cancer histopathology, as well as experience in translational research.

**Senior Research Investigator I**

**Biological Therapeutics, Requisition Number: 3133BR**

Lead cross-functional scientific teams focused on the discovery and pre-clinical development of antibodies and other types of biological drugs for oncology indications. Participate in project reviews, decision-making, and new technology development for the Biological Therapeutics platform at Novartis. Must have a PhD in Immunology, Oncology, or a related field with 8-10 years of postgraduate experience. Biotechnology/pharmaceutical industry experience is required, as is an in-depth knowledge of cancer associated signaling pathways and/or models of cancer. Experience with transitioning biological therapeutics projects into the clinic preferred; strong background in Immunology a plus.

To apply for the above positions, please visit [www.novartis.com](http://www.novartis.com), click on the Careers link, pull the menu down to Job Search USA, select the link to Novartis Vaccines and Diagnostics, US (includes NIBR-Emeryville, CA), and enter the Requisition Number in the keyword search field.

**Postdoctoral Fellowships**

NIBR Postdoctoral Fellowships provide talented scientists with the unique opportunity to conduct innovative, interdisciplinary research. Fellows have a primary mentor at NIBR, may have an academic mentor, and develop their projects in consultation with the mentor(s). In the US, positions are available in Emeryville, CA (near San Francisco); Cambridge, MA; and East Hanover, NJ; and internationally, in Shanghai, China; Basel, Switzerland; and Horsham, UK.

For more information and to apply, please visit: [http://nibr.com/careers/postdocs.shtml](http://nibr.com/careers/postdocs.shtml).
Any self-respecting university of technology might claim an interest in the future of the world. But Chalmers has taken the initiative. Building on eight strategically identified areas of advance, we are now seeking ambitious women and men for Assistant Professorships in fields that will further our vision of sustainability. Each researcher will have the chance to design a unique and autonomous programme networking with specialists, students and entrepreneurs across various borders. Additionally, successful candidates will receive a generous support package affording a PhD student, relocation, a leadership programme, mentoring and more.

ASSISTANT PROFESSORS REQUIRED TO THE EIGHT AREAS OF ADVANCE

BUILT ENVIRONMENT
Are you exploring an advanced technology that could be harnessed with social insight to build a better home in the third world – or an engineering breakthrough to improve the supply of drinking water?

ENERGY
Could your research help cast new light on bioenergy, wind turbines, or perhaps carbon capture and storage? Maybe you know how to distribute electricity more efficiently?

INFORMATION AND COMMUNICATION TECHNOLOGY
You might have already heard about what we’re doing at Chalmers GigaHertz Centre and the Chase antenna centre, or perhaps you’re developing a software system that’s safe and reliable?

LIFE SCIENCE
Where does humanity go with the genetic code? How can we harness the productivity of microorganisms in cell factories? What new tools and devices do we need to fight obesity and starvation?

MATERIALS SCIENCE
Are you in soft or hard materials? Are you going lighter, stronger, renewable, recyclable or perhaps even biodegradable? Perhaps you have an alternative to conventional plastics.

NANOSCIENCE AND NANOTECHNOLOGY
Where else could tracking chemical information in biological systems, developing quantum computers and creating artificial life forms be so natural? Here we invite you to turn today’s science into tomorrow’s technology.

PRODUCTION
Is there any type of production that can’t be made more efficient with the help of virtual reality? How could tomorrow’s production systems use consumer input to reduce waste?

TRANSPORTATION
Will your research programme help the world to move things or people in a way that is safe, economic and environmentally sustainable?
CYBERTAXONOMIST AND CURATOR OF INSECTS

The International Institute for Species Exploration (IISE) and School of Life Sciences, Arizona State University, invite applications and nominations for the position of Associate Director of the IISE, Cybertaxonomist, and Curator of Insects. The successful candidate will join a trans-disciplinary team of faculty, staff, and students dedicated to modernization and advancement of descriptive taxonomy through innovation in cyberinfrastructure, e-monomography, and collaborative taxonomy. Position will be filled at Assistant or Associate Professor rank, salary commensurate with experience. Requirements include an earned doctorate in insect taxonomy and demonstrated commitment to comparative morphology, taxonomic revisions, and collection growth and enhancement. Core research efforts are expected to be collaborative: organizing and leading a ‘taxon knowledge community’, seeking competitive external funding, leading expeditions, producing online monographs, and working with a team of scholars, scientists and engineers to identify and remove impediments to taxonomy through technology and practices. Candidate will teach a course in area of expertise.

To apply, please submit a letter indicating the level for which you are applying; your curriculum vitae; three publications and/or selected articles; and research and teaching statements. A minimum of three letters of recommendation should be sent electronically; please include the names and e-mail addresses of each letter writer with your application. Your application materials should be sent to Dr. Quentin Wheeler, Chair, Cybertaxonomist Search Committee, School of Life Sciences, Arizona State University, c/o Ms. Anna Fields, PO Box 874501, Tempe, AZ 85287-4501. Electronic applications as pdf files to anna.fields@asu.edu are preferred. The initial closing date of applications is January 4, 2010; applications will be reviewed weekly thereafter until the position is filled. A background check is required for employment.

Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. Women and minority candidates are encouraged to apply.

For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.

Virology Faculty Search

The School of Life Sciences and the Biodesgn Institute at Arizona State University invite applications for a tenure-track Assistant Professorship from imaginative, creative individuals with motivation to provide basic understanding of the means by which animal viruses succeed as pathogens and the means by which animal hosts deal with these infections. Candidates must have a doctoral degree at the time of appointment and two or more years of relevant postdoctoral experience. There are no preferences as to the virus(es) selected for study. However, genetic, molecular, structural and/or immunological approaches are favored, and preference will be given to applicants who have interests that complement expertise of existing faculty and who will expand our overall research and instructional capabilities. The successful candidate is expected to develop an innovative, extramurally funded, independent research program, participate in undergraduate and graduate education in the School of Life Sciences, mentor undergraduate, graduate and postdoctoral students, and interact in the multidisciplinary consortium of faculty in the Center for Infectious Diseases and Vaccinology http://cidv.biodesgn.asu.edu in the Biodesgn Institute. A competitive start-up package and a teaching load compatible with high research productivity will be provided.

To apply, submit a cover letter, your curriculum vitae listing your selected references, three representative publications, a separate statement of future research plans and teaching and mentoring philosophy and interests, and arrange for three letters of reference to be sent electronically to Roy Curtiss, Chair, Microbiology Faculty Search Committee, School of Life Sciences, PO Box 874501, Tempe, AZ 85287-4501. Electronic applications sent as pdf files to anna.fields@asu.edu are preferred. The initial closing date for receipt of applications is January 4, 2010; applications will be reviewed weekly thereafter until the search is closed. A background check is required for employment.

Arizona State University is an Affirmative Action, Equal Opportunity Employer committed to excellence through diversity. Women and minorities are encouraged to apply.

For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.

Immunology Faculty Search

The School of Life Sciences and the Biodesgn Institute at Arizona State University invite applications for a tenure-track Assistant Professor from imaginative, creative individuals with motivation to provide basic understanding of basic immunology and the immunological mechanisms by which animal hosts deal with pathogens. Candidates must have a doctoral degree at the time of appointment and two or more years of relevant experience. There are no preferences as to the aspects (mucosal, systemic or cellular) of the immune system selected for study. However, preference will be given to applicants who have interests that complement expertise of existing faculty and who will expand our overall research and instructional capabilities. The successful candidate is expected to develop an innovative, extramurally funded, independent research program, participate in undergraduate and graduate education in the School of Life Sciences, mentor undergraduate, graduate and postdoctoral students, and interact in the multidisciplinary consortium of faculty in the Center for Infectious Diseases and Vaccinology http://cidv.biodesgn.asu.edu in the Biodesgn Institute. A competitive start-up package and a teaching load compatible with high research productivity will be provided.

To apply, submit a cover letter, your curriculum vitae listing your selected references, three representative publications, separate statements of future research plans and teaching and mentoring philosophy and interests, and arrange for three letters of reference to be sent to Roy Curtiss, Chair, Microbiology Faculty Search Committee, School of Life Sciences, PO Box 874501, Tempe, AZ 85287-4501. Electronic applications sent as pdf files to anna.fields@asu.edu are preferred. The initial closing date of applications is January 4, 2010; applications will be reviewed weekly thereafter until the position is filled. A background check is required for employment.

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For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.

Biology and Society/Bioscience Ethics

The School of Life Sciences invites applications for a tenure-track position at the Assistant or Associate Professor level beginning Fall, 2010. A Ph.D. is required in an area directly related to our Biology and Society Program, including for example, in areas of Bioscience Ethics, History of Biology or Biomedical Sciences, Philosophy of Biology or Biomedical Sciences. Candidates must have a primary research interest and record of accomplishments in a relevant area, and a teaching competency in introductory bioscience ethics and at least one related teaching area of competence within Biology and Society at the undergraduate and graduate levels. The successful candidate will be expected to establish (or for more senior applicants to have established) an active research program, including seeking funding as appropriate, and to participate in graduate and undergraduate teaching in the Biology and Society Program (which includes tracks in Bioethics, Policy, and Law, and History and Philosophy of Science). The ideal candidate will work within a School of Life Sciences and must have demonstrated an interest in engaging both life scientists and humanists/social scientists in their research and teaching. To apply, submit a letter indicating the position and level for which you are applying, your curriculum vitae, copies of 2-3 selected articles, a concise statement of research accomplishments and plans; statement of teaching interests, experience, and philosophy; and at least one sample syllabus for an undergraduate course in an area of bioscience ethics. A minimum of three letters of recommendation should be sent electronically; please include the names of each letter writer and email contact information with your application. Application materials should be sent to Jane Maienschein, Chair of the Biology and Society/Bioscience Ethics Search Committee, School of Life Sciences, Arizona State University, Box 874501, Tempe, AZ 85287-4501. Or full applications may be sent electronically as pdf files to anna.fields@asu.edu. The initial closing date is January 4, 2010, with applications reviewed weekly thereafter until the search is closed. A background check is required for employment.

Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. Women and minorities are encouraged to apply.

For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.
Global Change Ecology Positions

The School of Life Sciences at Arizona State University invites applications for tenure track faculty positions from individuals working in ecology in the context of global environmental change. Three positions are currently open. Arizona State University has made a commitment to growth in this field and anticipates making further hires. Successful candidates will join a growing research emphasis in the School of Life Sciences, the Global Institute of Sustainability, the Central Arizona–Phoenix urban Long-Term Ecological Research program, and a new interdisciplinary graduate program in Environmental Life Science. Arizona State University strongly supports collaborative transdisciplinary research and learning across the spectrum of science and engineering consistent with an institutional commitment to global sustainability. Applications will be accepted to fill the positions at the Assistant or Associate professor levels.

(1) Organismal or physiological ecologist to study responses of organisms (microbes, plants, or animals) to environmental variation in the context of global change. We prefer research that addresses both the mechanisms involved in responses, as well as the functional consequences for individuals, their populations, and their communities.

(2) Community or ecosystem ecologist or an ecologist to ask cutting-edge questions at the interface of these two fields. We prefer research addressing the relationships among species-level traits, community structure and ecosystem function in the context of global change and/or human–ecosystem interactions.

(3) Global ecosystem ecologist to study the earth’s changing biogeochemical cycles at large scales (regional to global) using empirical, theoretical and/or modeling techniques. We prefer research that works across scales with a diversity of system types and their interactions.

Required Qualifications for all positions: a doctoral degree in a related field and evidence of research and teaching excellence, appropriate to rank. Postdoctoral research experience and strong quantitative skills are desirable. Successful candidates are expected to develop innovative, extramurally funded research programs, to teach in undergraduate and graduate programs in the School of Life Sciences, and to mentor undergraduate, graduate, and postdoctoral students and fellows.

To apply, submit an application that includes: a cover letter indicating the position and level for which you are applying and describing your career goals; your curriculum vitae; three reprints; a statement describing research accomplishments and future directions; and a statement detailing teaching and mentoring philosophy, interests and experience. A minimum of three letters of recommendation should be sent electronically; please include the names and e-mail addresses of each letter writer with your application. Your application materials should be sent to Chair, Global Change Ecology Search Committee, School of Life Sciences, Arizona State University, PO Box 874501, Tempe, AZ 85287-4501; electronic applications as pdf files to anna.fields@asu.edu are preferred. Initial closing date for applications is January 4, 2010; if not filled, weekly thereafter until search is closed. A background check is required for employment.

Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. Women and minorities are encouraged to apply.

For additional information on these positions and the School of Life Sciences, please visit http://sols.asu.edu/jobs.
Jefferson Science Fellowship

The National Academies is pleased to announce a call for nominations and applications for the 2010 Jefferson Science Fellows program. This program establishes a new model for engaging the American academic science, technology and engineering communities in the formulation and implementation of U.S. foreign policy.

Jefferson Science Fellows will spend one year at the U.S. Department of State in Washington, D.C. and may periodically travel to U.S. foreign embassies and/or missions.

Jefferson Science Fellow awards are open to tenured academic scientists, technologists and engineers from U.S. institutions of higher learning. Nominees/applicants must be U.S. citizens and will be required to obtain a security clearance.

Detailed information on the Jefferson Science Fellows program is available on the web:

www.nas.edu/jsf

The deadline for nominations and applications for the 2010 program year is January 15, 2010.

The Jefferson Science Fellows program is sponsored by the U.S. Department of State.

Memorial Sloan-Kettering Cancer Center

The Department of Critical Care Medicine at the University of Pittsburgh Medical School is recruiting a scientist (MD, or PhD) to fill a newly endowed chair in basic science of critical illness. The successful candidate will have a strong track record of independent NIH funding and expertise in basic science and translation research. Expertise in molecular biology is desirable.

The Critical Care Department at the University of Pittsburgh is the first of its kind in the country and includes more than 70 full-time faculty members including 35 NIH-funded investigators, and has an annual extra mural research budget in excess of $15 million. The University of Pittsburgh is ranked 5th in NIH funded support nationally.

The Department oversees the care of more than 8,000 critically ill patients per year. The University of Pittsburgh Multidisciplinary Critical Care training Program trains 25-30 fellows per year and has trained over 700 fellows since its inception 30 years ago.

The successful candidate will work to establish broad collaborations throughout the University and help bridge the basic sciences and clinical research enterprises. Faculty appointment will be commensurate with background, experience and qualifications. Interested applicants should submit a current CV and the names and addresses of three references to:

John A. Kellum, MD
Search Committee Chair
Professor and Vice Chair
Department of Critical Care Medicine
University of Pittsburgh Medical School
604 Scaife Hall
3550 Terrace Street
Pittsburgh, PA 15261
(412) 647-8110 • Fax: (412) 647-8060
kellumja@upmc.edu

The University of Pittsburgh is an Equal Opportunity Employer.

The Dennis M. Cook Endowed Gregor Mendel Chair in Genetics

We seek a nationally recognized teacher/scholar who will contribute to the Augustinian foundation of Villanova through the development and implementation of an ethical and socially responsible program that includes interaction with and involvement of undergraduate and graduate students in both teaching and research. Research may focus on classical inheritance, functional genomics, gene expression, bioinformatics, evolutionary genetics, or other areas that integrate genes and/or genomic material into the research program. See http://www.villanova.edu/artsci/biology/jobs/genetics_chair for more information.

Applicants must apply online at https://jobs.villanova.edu. Applications are to include a current and complete curriculum vitae and a cover letter describing a proposed program of teaching, research, and service. Applicants should also provide the names and contact information for four references.

Appointment is expected to be at the Associate Professor or Professor rank, with a starting date of August 2010 or January 2011. Review of applications will begin on 15 January 2010; the search will remain open until the position is filled. Questions may be addressed to: Dr. R. Kelman Wieder, Associate Dean for Sciences - Email: Kelman.Wieder@villanova.edu; Ph: 610-519-4856.

Villanova is a Catholic university sponsored by the Augustinian order. An AA/EEO Employer, Villanova seeks a diverse faculty committed to scholarship, service, and especially teaching, who understand, respect, and can contribute to the University’s mission and values.
Florida International University (FIU) is seeking a dynamic and innovative leader to serve as chairperson of the Department of Biomedical Engineering (BME). The department is endowed with $11 million from the Wallace H. Coulter Foundation, the Ware Foundation and the State of Florida. Applicants must have a Ph.D. degree in Biomedical Engineering or a closely related field and must possess credentials that meet the qualifications for appointment at the rank of Full Professor, based on a substantial record of excellence in research, teaching, and service. Successful candidates are expected to develop a high-quality funded research program and must be committed to excellence in teaching at both the graduate and the Undergraduate levels. Candidates with exceptional credentials of scholarly work and research funding may also be considered for the Wallace H. Coulter Eminent Scholars Chair of Biomedical Engineering.

With a racially and ethnically diverse student body of over 39,000, FIU is one of the largest of the 11 universities in the State University System of Florida. FIU is a research university located in Miami, a diverse and dynamic metropolitan area with a sizable biomedical industry. FIU offers over 190 baccalaureate, masters and doctoral degree programs in 19 colleges and schools. FIU is relatively young with most of its Ph.D. and professional programs installed in the last decades. FIU is one of only two institutions in the state of Florida that offers BS, MS and Ph.D. degrees in BME. Its undergraduate program is ABET accredited. BME is a dynamic and expanding department with active interdisciplinary research programs in tissue engineering and drug delivery, systems biology, bioinstrumentation and bio signal processing, imaging, neuroengineering, and bionanotechnology and enjoys strong support of the University administration. The BME department has funding from NIH, DOD, AHA, NSF, FL DOH and industry. It has over 30 clinical and industry partners in South Florida. The BME Chair is expected to take a leadership role in the burgeoning research and educational programs in the FIU College of Medicine, which matriculated its first students in August 2009, and with which the BME department is closely allied. Numerous other research centers and institutes are available for collaboration both in the College of Engineering and Computing (www.cec.fiu.edu) as well as elsewhere in the university (www.fiu.edu). Additional information concerning the Department can be found at www.bme.fiu.edu.

Please send nominations or applications via e-mail to:

BME Chair Search and Screen Committee (bmeinfo@fiu.edu), or apply online at:

https://www.fiujobs.org/applicantsjsp/sharedframeset/Frameset.jsp?time=118124925142

Processing of applications will begin on January 15, 2010, and will continue until the position is filled. Application materials should include curriculum vitae, a list of at least five potential references, and statements on teaching, research and administrative experience, and overall vision. Inquiries and applications will be kept in confidence, pursuant to the Sunshine Laws of the State of Florida. For more information, contact the email address above or call 305-348-1352 or 305-348-3941. Women and minorities are strongly encouraged to apply.

FIU is a member of the State University System and an EO/EA/AA Employer and Institution.

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**Comprehensive Cancer Center of Wake Forest University**

Winston-Salem, North Carolina

CCCFWFU is expanding its research faculty. We offer attractive start-up funds, lab space and a collaborative environment.

**Cancer Imaging**

Junior or mid-career investigator in cellular, animal or human imaging. Candidates should hold a Ph.D. or M.D. Primary appointment in the Department of Cancer Biology, with cross-appointment in the Center for Molecular Imaging. The Cancer Center provides state-of-the-art facilities that include cell and analytical imaging, mass spectrometry, optical imaging, small animal MRI and PET imaging, as well as clinical CT-PET facilities and MR imaging.

**Drug Development**

Experienced MD investigator to lead late preclinical and early clinical drug development team. A background in Phase I Trials, novel anti-cancer drugs, imaging biomarkers or pharmaco-genomics with a track record of interdisciplinary teamwork are desired elements.

Candidates should submit a C.V. and a concise statement of research plans to swilder@wfubmc.edu.

AA/EOE.

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**ESF State University of New York College of Environmental Science and Forestry**

Faculty Positions in Global Environment, Health and Sustainability

The State University of New York College of Environmental Science and Forestry (SUNY ESF) invites applications for faculty positions in the following representative areas: Biomimicry and design of sustainable systems; climate change drivers and responses of natural and urban systems; urban sustainability: built environments, ecological engineering and sustainable communities; quantitative analysis of fate and transport of environmental contaminants, pathogens and invasive species; biomolecular engineering for sustainable products and processes; and renewable energy engineering. Additional information on these areas is provided at http://www.esf.edu/positions.

These tenure-track positions will be at the Associate or Assistant Professor level, depending on qualifications; candidates will have a Ph.D. in one of the areas described or closely related field, a strong record of publication and external funding, and evidence of collaborative skill and effective college teaching.

The academic home of these faculty will lie in one of several Departments in SUNY ESF, including Chemistry; Environmental and Forest Biology; Environmental Studies; Environmental Resources and Forest Engineering; Forest and Natural Resources Management; Landscape Architecture; Paper and Biosystem Engineering; and Construction Management and Wood Products Engineering. SUNY ESF (http://www.esf.edu) is one of eight doctoral-granting institutions of the State University of New York. These new faculty, to start August 15, 2010 will join 127 research-oriented faculty with active graduate and undergraduate teaching/research programs. ESF faculty lead the SUNY system in per-capita extramural support, with extensive collaborations that include Syracuse University, other SUNY institutions, and Brookhaven National Laboratory.

**Availability and Application Deadline**: To ensure optimal consideration, all application materials must be received by January 11, 2010; these positions will remain open until filled.

**Application Procedure**: Application is online only. Applications should include a letter summarizing qualifications and research interests, curriculum vitae, a separate statement of teaching experience and philosophy, and the names and contact information for three references and be submitted online at http://www.esf.edu/hr/search/.

**For More Information**: Contact the Search Committee Chair, Dr. Neil H. Ringer, Dean of Research and Distinguished Teaching Professor, SUNY-ESF; e-mail: neilringer@esf.edu; telephone: (315) 470-6682.

SUNY-ESF is an Equal Opportunity/Affirmative Action Employer.
Tulane University invites applications from outstanding biomedical scientists and educators for the position of Professor and Chair of the Department of Biochemistry and Molecular Biosciences at the School of Medicine. Tulane University has a rich collaborative environment and hosts a vibrant biomedical sciences community that includes the School of Medicine, School of Public Health, National Primate Research Center, and several Centers of Excellence for research on Cancer, Gene Therapy, Hypertension and Renal Biology, Infectious Diseases, Aging, Cardiovascular Disease, Lung Biology, and Women’s Health. The Biochemistry Chair will oversee and expand a dynamic Department which currently has programs in molecular genetics, cell biology, protein biochemistry and biophysics. The Chair will lead the department in its research and educational missions within the MD, PhD and postdoctoral training programs. Developing successful research programs and effectively mentoring junior faculty in their paths towards independence are essential responsibilities of this position. More information about the department can be found at: www.tulane.edu/som/departments/biochemistry/index.cfm.

The successful candidate will have a proven record of leadership skills, widely acknowledged scientific achievements, excellent administrative, teaching and interpersonal skills and an exciting vision for enhancing the research strengths of an academic department. The emphasis at Tulane on interdisciplinary research and educational initiatives presents exciting opportunities to strengthen interactions both within the department and among departments, research centers of excellence and the National Primate Research Center. An attractive recruitment package is available to further these initiatives. In addition to a curriculum vitae, applications should include a letter describing the candidate’s research, teaching, service, mentoring and administrative experience, and vision for building the department and enhancing interdisciplinary programs and resources. Nominations and/or applications should be emailed to navar@tulane.edu or mailed to:

L. Gabriel Navar, Ph.D., Professor and Chair, Department of Physiology, SL39, Tulane University Health Sciences Center, School of Medicine, 1430 Tulane Avenue, New Orleans, LA 70112.

Tulane University is an Affirmative Action/Equal Opportunity Employer. We invite women and minorities to apply.

The Department of Moleular and Cellular Biochemistry at the University of Kentucky College of Medicine invites applications for a tenure-track faculty position at the Assistant Professor level. Successful candidates must possess a Ph.D., M.D., or equivalent degree. We welcome all qualified applicants, particularly individuals focusing on, but not limited to, the areas of diabetes, neuroscience, cancer, and systems biology.

The successful candidate will benefit from a stimulating and collaborative environment within the department and a strong graduate program, as well as competitive start-up funds, salary, and appropriate space in a state-of-the-art research facility.

Evaluation of applicants will begin January 2010. Applicants should forward a cover letter indicating their area of expertise, curriculum vitae, a description of current and future research plans, and three letters of reference to:

CHFSearch@uky.edu or use our online application at
http://medicine.mc.uky.edu/efoms/form.php?formID=93220042493

For further information about the department, visit: www.mc.uky.edu/biochemistry

The University of Kentucky is an equal opportunity employer and encourages applications from minorities and women.

The Post Doctoral Fellow in the Integrative Cardiac Health Program at Windber Research Institute will join experienced scientists and researchers to become part of an exciting research environment and growing research team.

 Duties/Responsibilities: This position is responsible for studying the molecular biology of cardiovascular disease or breast cancer and will focus on one or more of the following areas: genomics of cardiovascular risk reduction, molecular biology of obesity, molecular characterization of breast cancer progression, or proteomic signatures of metastasis.

 Educational Qualifications Required: PhD, MD, or equivalent degree. The successful candidate should have extensive experience with array-based gene expression, SNP typing, or molecular biology. In addition, an established background in cardiovascular or breast cancer biology, and a strong record of research and publication are essential.

 Interested applicants should send a letter of interest, resume, and names of three references by mail or email to:

 Darrell L. Ellsworth, PhD
 Windber Research Institute
 620 Seventh Street
 Windber PA, 15963, USA
d.ellsworth@wrwindber.org

Only short listed candidates will be contacted for an interview.

Windber Research Institute, an integrated clinical, genomic, and proteomic research facility, curates a tissue repository containing thousands of samples from patients with breast cancer and cardiovascular disease. The primary mission of WRI is to improve patient care and quality of life by rapidly translating molecular and clinical research into effective treatments.

 Equal Opportunity/Affirmative Action Employer.

Sixteen postdoctoral research positions in molecular biology, cellular biology and computational biology are available immediately at Iowa State University. We seek highly motivated researchers with demonstrated outstanding ability and accomplishment. Opportunities currently are available with the following faculty in the areas described:

• Gwyn Beattie – ecology and cell biology of plant pathogenic bacteria; expertise in prokaryotic molecular biology
• Hui-Hsien Chou – RNAi applications on model animals or plants
• Larry Halverson – thermal tolerance of microalgae
• Kirk Moloney – ecological dynamics of invasive species, expertise in simulation modeling using C++ or similar programming language required; position available April 2010
• Basil J. Nikolau – metabolomics and functional genomics of metabolism
• David Oliver – metabolomics and metabolic flux in plants and microalgae related to amino acids, lipids and nutrition
• Reuben Peters – metabolic engineering of bacteria for production of diterpenoid natural products
• Martin Spalding – metabolic engineering of microalgae for increased productivity and biofuel production
• Kan Wang – gene function/regulation and transformation technology development in maize, soybean and rice
• Eve Wurtele – computational biology or computer science required; knowledge of database design, or metabolic/regulatory biology highly desired
• Olga Zabotina – expertise in carbohydrate chemistry or biochemistry and knowledge of molecular biology tools are strongly desired

Additional information about the faculty seeking postdocs and their research is available at www.plantsciences.iastate.edu/postdocs/. Qualified applicants should send, via e-mail, a complete curriculum vitae and a statement of research interest that identifies the preferred faculty member, and arrange to have three signed reference letters sent to isupostdoc@iastate.edu by January 1, 2010. Inquiries may be sent to Dr. Basil J. Nikolau at isupostdoc@iastate.edu.

Iowa State University (ISU) is recognized internationally for research programs in basic sciences, engineering, agriculture and tech transfer initiatives. ISU is an Equal Opportunity/Affirmative Action Employer.
Tenured Faculty Position in Synthetic & Systems Biological Engineering

The College of Engineering is seeking an innovative individual to help lead the College’s research and educational efforts in Synthetic & Systems Biological Engineering (SSBE). This interdisciplinary position will advance research and education at the intersection of systems and synthetic biology, systems engineering, bioengineering, nanotechnology, and medicine. This person will work closely with leading experimental, modeling, computational, and data generation faculty in the College of Engineering who are advancing engineering to address crucial challenges in synthetic and systems biology. The position will also couple with a University-wide effort in systems biology with faculty from Physics, Biology, Chemistry, Computer Science, and the Medical School, as well as the ability to partner with BU’s new National Emerging Infectious Diseases Laboratory, a BSL4 facility at the Medical School.

This position may hold a tenured Associate or Full-Professor appointment in one or more departments based on the individual’s research and educational priorities and expertise. The individual should have a strong history of external funding in addition to being internationally recognized for distinguished contributions to synthetic and systems biological engineering.

The College of Engineering is comprised of three departments (Biomedical, Electrical & Computer, and Mechanical) and two graduate divisions (Systems & Materials Science). The College has risen rapidly in distinction, being ranked in the top 40 by U.S. News & World Report, and in the top 20 in research dollars per faculty member. Its Biomedical Engineering program is ranked in the top 10 in the nation. The University recently completed a 187,000-square-foot Life Science & Engineering Building. Significant College and University resources will continue in the SSBE area. For more information, please visit the following websites: www.bu.edu/eng; www.bu.edu/eng/bme; www.bu.edu/ab/bme/; www.bu.edu/ece.

Candidates should submit a brief letter of interest and current curriculum vitae to: Jim Collins, Chair, SSBE Faculty Search Committee (ssbeseach@bu.edu)

Applications will be accepted until the position is filled.

Boston University is an affirmative action, equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty.

GRANTS

GRANT FOR POSTDOCTORAL POSITIONS IN SWEDEN

This grant enables researchers with doctorates (PhDs or equivalent) to work at Swedish higher education institutions or research establishments. The programme spans two years. Research areas:

- Natural Sciences
- Engineering Sciences
- Medicine
- Humanities
- Social Sciences
- Educational Sciences.

Call for applications opens early January. Submission deadline is February 25, 2010.

Further information at www.vr.se

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Roche Postdoctoral Fellowship in Human Genome Structural Variation (Based in Nutley, New Jersey)

Who we are

At Roche, 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we’ve become one of the world’s leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity, and on seeing each other’s differences as an advantage.

As a cross-divisional unit within Roche Pharma Research, the global Translational Research Sciences (TRS) network provides scientific and technical support to the Disease Biology Areas and to the Lifecycle Teams as a key part of our company’s Personalized Health Care strategy. The TRS also interfaces with Roche Diagnostics. Opportunities for close collaboration exist with Roche scientists within the TRS (New Jersey and Switzerland). Roche Molecular Diagnostics (California), 454 Life Sciences (Connecticut) and NimbleGen (Wisconsin and Iceland).

The position

We have an immediate opportunity for a talented scientist to enter the global TRS network through the Roche Postdoctoral Fellowship (RPF) Program. The RPF was established to foster industry-academic collaboration through innovative science and to engage talented scientists by enabling access to cutting edge technology, novel ideas and creative talent.

Within an interdisciplinary team, you will be responsible for conducting research in the area of genome-wide Copy Number Variation (CNVs) using both high-density arrays and paired-end second generation sequencing. Other technologies will be employed in follow-up validation experiments. Projects will focus on drug target and biomarker discovery in oncology, inflammation, virology, CNS or metabolic/vascular disease areas. In collaboration with a team of geneticists, bioinformaticians and statisticians you will contribute to study design, help establish analysis workflows, and support the interpretation and presentation of results. The RPF position is based in Nutley, New Jersey (approx. 20 miles west of New York City) and reports to the head of the global TRS DNA Biomarker laboratory.

Who you are

You have a PhD in genetics, biochemistry or molecular biology with laboratory experience in genome-wide copy number or structural variation research. The ideal candidate has technical experience with multiple platforms for structural variation detection and validation (e.g. qPCR); a broad knowledge of human genetics; and strong informatics skills. You are fluent in English (written and spoken), possess excellent communication and presentation skills, and enjoy team work in a highly matrixed environment.

In addition, you’re someone who wants to influence your own development. You’re looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is not considered the final definition of who you are, but the starting point.

Job ID No.: 13403

The next step is yours. To apply online, please visit our career website at www.rocheusa.com/career and reference position number 13403.

Roche is an Equal Opportunity Employer fully committed to workplace diversity.
FELLOWSHIPS FOR POSTDOCTORAL SCHOLARS at Woods Hole Oceanographic Institution

New or recent doctoral recipients with research interests associated with the following are encouraged to submit fellowship applications prior to January 15, 2010.

Departments - Awards related to the following areas are anticipated: Applied Ocean Physics & Engineering; Biology; Geology & Geophysics; Marine Chemistry & Geochemistry; Physical Oceanography.

Institutes - Each of the following Institutes, which foster interdisciplinary research addressing critical issues, will provide support for individual research: Ocean and Climate Change Institute; Coastal Ocean Institute; Deep Ocean Exploration Institute; Ocean Life Institute.

The NOAA-WHOI Cooperative Institute for the North Atlantic Region (CINAR) will award a fellowship in one of five theme areas: Ecosystem Forecasting, Ecosystem Monitoring, Ecosystem Management, Protection and Restoration of Resources, Sustained Ocean Observations and Climate Research.

The National Ocean Sciences Accelerator Mass Spectrometer Facility (NOSAMS) will award a fellowship in the development and implementation of new techniques in radiocarbon studies in Marine Science.

Awards are competitive, with primary emphasis placed on research promise. Scholarships are for 18-months with an annual stipend of $25,000, a modest research budget, and eligibility for group health and dental insurance. Recipients are encouraged to pursue their own research interest in association with resident Scientific and Senior Technical Staff. Communication with potential WHOI advisors prior to submitting an application is encouraged.


ECOLOGY FACULTY POSITION FORDHAM UNIVERSITY

The Department of Biological Sciences of Fordham University invites applicants for a tenure-track faculty position at the ASSISTANT or ASSOCIATE PROFESSOR level for Fall 2010. We seek a population, community or evolutionary ecologist who studies freshwater fish, invertebrates or microbes. The successful applicant will have access to Fordham’s biological field station – the Louis Calder Center - and our new Center for Conservation, Evolution and Urban Ecology (CCEUE), as well as the opportunity to work with students at the Wildlife Conservation Society, American Museum of Natural History, the New York Botanical Garden, and other scientific institutions in the region. The successful candidate is expected to make use of local and regional resources to develop or continue a rigorous, externally funded research program, and is expected to teach courses and mentor individual research projects at both the undergraduate and graduate levels. Postdoctoral experience is expected. Applicants should email one PDF file containing a cover letter, curriculum vitae, contact information for three references, and a research statement to thornhill@fordham.edu.

The cover letter should be addressed to Dr. William Thornhill, Chair, Department of Biological Sciences, Fordham University, 441 E. Fordham Road, Larkin Hall 160, Bronx, NY 10458. Candidates will be reviewed when their applications are received and we will continue to accept applications until the position is filled.

Fordham University is an independent, Catholic university in the Jesuit tradition that welcomes applications from men and women of all backgrounds. Fordham is an EOE.
IN 2010
CNRS IS RECRUITING

TENURED RESEARCHERS IN ALL FIELDS OF SCIENCE
• MATHEMATICS • PHYSICS
• NUCLEAR AND HIGH-ENERGY PHYSICS • CHEMISTRY
• SCIENCE AND TECHNOLOGY OF INFORMATION AND ENGINEERING
• UNIVERSE AND EARTH SCIENCE • ENVIRONMENT AND SUSTAINABLE DEVELOPMENT
• LIFE SCIENCES • HUMANITIES AND SOCIAL SCIENCES

CNRS encourages junior and senior scientists from around the world to apply for its tenured researcher positions.

CNRS provides an enriching scientific environment:
• numerous large-scale facilities
• highly skilled technical support
• multiple international and interdisciplinary networks
• access to university research and teaching
• lab-to-lab and international mobility

Application forms and further information will be available online at www.cnrs.fr in December 2009.

POSITION ANNOUNCEMENT:
Pacific Northwest Distinguished Post-Doctoral Fellowship

Program Overview
For more than four decades, scientists and engineers at Pacific Northwest National Laboratory have advanced the frontiers of science and delivered solutions to our nation’s most pressing challenges in energy, environment, and national security. PNNL, known for delivering transformational science and technology and accelerating the rate of innovation, is creating new opportunities for recent PhD graduates to make their own mark on the world.

The Pacific Northwest Distinguished Post-Doctoral Fellowships at PNNL will provide full funding to selected candidates on a major research project of their choice. The position will also include a highly competitive salary, benefits, and relocation, plus the availability of extra funding for travel and conferences. Selected candidates will be hired for a three-year maximum duration to complete their project.

Applicants for 2010
The Pacific Northwest Distinguished Post-Doctoral Fellowship at Pacific Northwest National Laboratory is accepting qualified candidate applications from recent PhD Graduates in Science & Engineering, who wish to conduct research on a project of their choice. Candidates will be required to submit the following items as one PDF uploaded attachment when applying to this position:

- Current Resume or CV (including publication and presentation list)
- Statement of Research Interest — five (5) pages, summarizing thesis and current work, and plans for future work
- Copies of Unofficial Transcripts (all levels)
- A short essay or “Why PNNL is the right place for you” — including which one or two of the PNNL Core Capabilities (www.pnl.gov/research) are of most interest.

Additional information may be requested from the finalist candidates, including letters of recommendation and official transcripts. Qualified candidates must meet the following minimum requirements:

- Must have completed a PhD in a Science or Engineering field related to the mission areas of PNNL within the last three (3) years, or by the start of the appointment.

For More Information and To Apply
Log on to http://www.pnl.gov/research/pnwpostdoc.asp for more information about this opportunity and to apply for the position.

FACULTY POSITION IN CANCER BIOLOGY

The Department of Molecular Biosciences at the University of Kansas invites applications for a tenure-track/tenured faculty position at the Assistant/Associate/Full Professor level. Applications from highly motivated individuals in any area of cancer biology will be considered. Areas of interest include, but are not limited to, cancer progression and metastasis, stem cell biology, cancer cell metabolism, oncogenes or tumor suppressor genes, cancer genetics and/or epigenetics, cancer immunology, and the role of infectious agents in cancer. Our 35 full-time faculty maintain highly visible research programs in multiple areas of the molecular biosciences including computational and structural biology; enzymology; intracellular transport; cell cycle regulation; cell growth and differentiation; cell motility; developmental and cancer biology; viral and microbial pathogenesis; molecular and cellular immunology; neurobiology; and the genetics of complex traits. Our faculty are also diverse in terms of the systems they use, which include bacteria, fungi, Drosophila, nematodes, mice, Xenopus, zebrafish, and human tissue culture cells. The open position is part of an ongoing university-wide initiative to expand cancer research and secure NCI cancer center designation.

Applicants at the Assistant Professor level are expected to demonstrate potential for establishing an independent externally funded research program, and those at the senior level are expected to have an ongoing and well-established program, preferably funded through the NCI. We are especially interested in basic cancer researchers who have near-term translational interests, including the development of diagnostic, therapeutic, or similar tools. The department has a robust graduate program of over 70 students and excellent core facilities for NMR; X-ray diffraction; electron, confocal, and light microscopy; gene microarray analysis; proteomics; protein modeling; and high-throughput-screening. The successful candidate will be expected to direct graduate student research and participate in the department undergraduate and/or graduate teaching missions. Review of applications will start January 4, 2010, and will continue until no longer needed. This appointment is expected to begin August 18, 2010, but a later start date may be negotiated. Applicants must have a Ph.D., M.D., or equivalent degree in the biological sciences and at least two years of post-doctoral research experience.

For more information and to apply go to https://jobs.ku.edu and search for position number 00001615 where interested applicants can upload a cover letter, curriculum vitae, statement of planned research, statement of teaching interests and philosophy, and a list of references. To ensure full consideration, complete applications should be received by January 4, 2010.

EO/AA Employer.
EDUCATION AND PUBLIC OUTREACH MANAGER

The Laboratory for Atmospheric and Space Physics (LASP) of the University of Colorado at Boulder invites applications for the lead of education and public outreach (EPO). See our website: http://lasp.colorado.edu for information on LASP.

The successful candidate should have demonstrated leadership in the development and implementation of science-based education and public outreach activities.

Go to website: http://www.library.unco.edu/applicants/ CentralQuickFind=59477 for full job description and to submit application.

## TENURE-TRACK FACULTY POSITIONS Section of Anatomy

The Section of Anatomy at Southern Illinois University School of Dental Medicine is seeking applicants for two full-time (12-month), tenure-track faculty positions at the ASSISTANT/ASSOCIATE PROFESSOR level. Applications should be sent electronically as a single PDF file (filename format: yourlastname.pdf) that includes a cover letter, curriculum vitae, and brief statements of research and teaching interests to e-mail: anatomics@siu.edu. Please specify title and job number on fax. Website: http://www.medicine.siu.edu.

The University of Illinois at Springfield, Department of Genetics, is seeking a SENIOR STAFF SCIENTIST with expertise in molecular biology and genetic engineering. The candidate will be expected to be active in dental related research. Available research equipment is significant and includes instrumentation for confocal microscopy, scanning electron microscopy, RT-PCR, gel electrophoresis, and high performance liquid chromatography. Academic rank and salary are commensurate with experience and qualifications. The School is located on a historic campus, 15 minutes from the campus of Southern Illinois University, Edwardsville and 30 minutes from St. Louis airport. Review of applications will begin immediately and continue until the positions are filled. Applicants should submit a letter of interest with brief statements of teaching experience and preferences and research experience and interests related to dental medicine, curriculum vitae, and three letters of reference to: Dr. Ann Boyle, Dean, School of Dental Medicine, Southern Illinois University, 2800 College Avenue, Alton, IL 62002-4900. Or by e-mail: aboyle@sic.edu. SJU-SDM is an Equal Employment Opportunity/Affirmative Action Employer. Women, minorities, and people with disabilities are encouraged to apply.

### FACULTY POSITION IN PLANT GENETICS

The University of Georgia has long maintained strengths in plant biology. As part of a long-term effort to build on these strengths, the Department of Genetics invites applications for a tenure-track faculty position in any area of plant genetics at the ASSISTANT PROFESSOR level. The candidate will be expected to maintain a rigorous, externally funded research program and to contribute to undergraduate and graduate teaching. For information about the breadth of the Department, see website: http://www.genetics.uga.edu.

Applications should be sent electronically as a single PDF file (filename format: youHostname_lastName.pdf) that includes a cover letter, curriculum vitae, and brief statements of research and teaching interests to e-mail: genetics@uga.edu. Three letters of recommendation should also be sent, either as a PDF to the above e-mail address (filename format: applicantName_referenceName.pdf). In addition, candidates should arrange for the submission of a Curriculum Vitae, Department of Genetics, Davidson Life Sciences Building, University of Georgia, Athens, GA 30602-7223. The committee will begin reviewing applications on January 9, 2010, until the position is filled.

The Faculty of the College of Arts and Sciences at the University of Massachusetts, Dartmouth, a regional university in southeastern Massachusetts, invites applications for two full-time (12-month), tenure-track faculty positions. Successful candidates will have Ph.D. and/or M.D. degrees and will have a proven record of originality and productivity. The Section is undergoing a major expansion and houses a newly formed Yale Cardiovascular Research Center. Yale University School of Medicine has established a close affiliation with University College London, United Kingdom, that among other benefits provides access to extensive clinical and translational genetics resources at UCL. Although all extraordinary candidates will be considered, we are especially interested in DEVELOPMENTAL BIOLOGISTS utilizing zebrafish as their model, who will be able to establish and operate a zebrafish research facility, and in GENETICISTS involved in translational genetics research, who will be able to run or participate in a clinical cardiovascular genetics program in addition to basic research efforts.

Please electronically send your curriculum vitae with a list of publications, a summary of research (two pages), and a research plan (three pages) along with the names of three references by December 1, 2009, to e-mail: michael.simons@yale.edu.

## POSTDOCTORAL POSITIONS

### Assistant Professor of Biology

The Department of Biology, Manchester College, has a full-time, tenure-track position at the Assistant Professor level beginning September 2010. Details and faculty application are available at website: http://www.manchester.edu/OHR/facultypositions.htm.

To apply, please send curriculum vitae, faculty application, statements of teaching and research interests, evidence of teaching effectiveness, teaching philosophy, copies of transcripts, and three letters of recommendation to: Office of Academic Affairs, Manchester College, 604 College Avenue, North Manchester, IN 46962. E-mail: ksmeyer@manchester.edu; fax: 260-982-3211; telephone: 260-982-5051.

### Cancer Stem Cell Researcher

The Wake Forest Institute for Regenerative Medicine (WFIRM) and the Comprehensive Cancer Center of Wake Forest University are soliciting applications to fill a junior or mid-career position in cancer stem cell research and tumor microenvironment. Candidates should hold a Ph.D. or M.D. (or equivalent). Primary appointment with WFIRM, with joint appointment in the Department of Cancer Biology. Electronically submit curriculum vitae and concise statement of research plans to: e-mail: swidler@wfubmc.edu. Affirmative Action/Equal Opportunity Employer.

### Preclinical Developmental Biologist

The Department of Biology, University of Colorado at Boulder, invites applications for the lead of education and public outreach at the University of Colorado at Boulder invites applications for the lead of education and public outreach (EPO). See our website: http://lasp.colorado.edu for information on LASP.

The successful candidate should have demonstrated leadership in the development and implementation of science-based education and public outreach activities.

Go to website: http://www.library.unco.edu/applicants/ CentralQuickFind=59477 for full job description and to submit application.

### Tenure-Track Faculty Positions Section of Anatomy

The Section of Anatomy at Southern Illinois University School of Dental Medicine is seeking applicants for two full-time (12-month), tenure-track faculty positions at the ASSISTANT/ASSOCIATE PROFESSOR level. Applications should be sent electronically as a single PDF file (filename format: yourlastname.pdf) that includes a cover letter, curriculum vitae, and brief statements of research and teaching interests to e-mail: anatomics@siu.edu. SJU-SDM is an Equal Employment Opportunity/Affirmative Action Employer. Women, minorities, and people with disabilities are encouraged to apply. The University is an Equal Employment Opportunity/Affirmative Action Institution.

### Postdoctoral Positions

Two Postdoctoral positions available to study differentiation mechanisms of the eye and brain using molecular and genetic approaches. Candidates with experience in molecular biology and a Ph.D. degree are encouraged to send their curriculum vitae, statement of research interests, and the names of three references to: Dr. Renping Zhou, Laboratory for Cancer Research, School of Pharmacy, Rutgers University, 164 Frelinghuysen Road, Piscataway, NJ 08854. E-mail: bachorik@rci.rutgers.edu.

### Senior Staff Scientists

The Henry M. Jackson Foundation (HJF) is seeking two senior IMMUNOLOGISTS to support the Enteric Diseases Department, Naval Medical Research Center, Silver Spring, Maryland. Must have expertise in bacterial vaccinology and mucosal immunology. The Department serves as a central research hub for the development of bacterial enteric vaccines within the U.S. Military Infectious Diseases Research Program. Will serve as principal investigators in the discovery and development of innovative vaccines against diarrheagenic E. coli (ETEC) or Campylobacter jejuni. Must have a Ph.D. in immunology, microbiology, or related field with three to five years of relevant postdoctoral research experience including assessment of immune responses to mucosal pathogens, a strong animal research background, and successful assay development. Please apply online at website: http://www.hjf.org/careers. Click Advanced Search and enter job number 204937 in the Job Opening ID box. Or transmit your resume to fax: 240-314-7334. Please specify title and job number on fax.

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