The University of Oklahoma

DIRECTOR
OKLAHOMA GEOLOGICAL SURVEY

The Oklahoma Geological Survey (OGS) seeks applications for an exceptional, dynamic and visionary leader to serve as the 8th Director in its 106-year history. Located on the University of Oklahoma campus in Norman, Oklahoma, the OGS is a key public research and service organization, and the only state geological survey in the nation chartered in a state constitution. The OGS mission focuses on investigating and disseminating information regarding land, water, mineral and energy resources, and promoting sound environmental practices.

Organizationally, the OGS is located within the Mewbourne College of Earth and Energy, and the OGS Director reports to the College Dean. Also located in the College are the ConocoPhillips School of Geology and Geophysics, and the Mewbourne School of Petroleum and Geological Engineering. The ConocoPhillips School of Geology and Geophysics, founded by Charles Gould in 1900, is home to the first school of Petroleum Geology, with the first degree granted in 1904. Charles Gould subsequently became the first Director of the OGS. The Mewbourne School of Petroleum and Geological Engineering is home to the first school of Petroleum Engineering, with the first petroleum engineering degree being granted in 1927.

Candidates should hold a doctorate or have the equivalent experience in geology, geophysics or a closely related field. Prior experience with a public agency, such as the OGS, would be beneficial. If appropriate, the successful candidate may hold a dual appointment as a faculty member within the College. Salary will be commensurate with qualifications and experience.

The Director of the OGS has the responsibility of overseeing activities related to geological and geophysical studies of Oklahoma and adjacent areas, preparation of reports documenting the findings of these studies, communication of these results to individuals and agencies, and engaging the general public as appropriate and/or required.

The position requires supervision and administration of an organization of approximately 40 staff and associated facilities including offices, labs and the Oklahoma Petroleum Information Center (OPIC), which contains an extensive collection of rock cores and samples, other well information and selected facilities for the examination of these cores and samples. It is anticipated that the Director of the OGS will work with Oklahoma universities, state and federal agencies, industry and other entities to conduct research in areas of public interest, as well as provide advice and service in the areas of geology, geophysics and natural resources. The ability to assist OGS personnel in developing programs and proposals to acquire research funding in support of OGS activities will also be a consideration.

The OGS is one of five State Surveys at the University of Oklahoma; the others are the Oklahoma Climatological Survey, Oklahoma Water Survey, Oklahoma Archeological Survey and Oklahoma Biological Survey. Specific activities of the OGS include the following:

(a) A study of the geological formations of the state with special reference to its natural resources, including coal, oil, gas, asphalt, gypsum, salt, cement, stone, clay, lead, zinc, iron, sand, road building material, water resources and all other mineral resources.

(b) Management of the Oklahoma seismic recording network, and the reporting and analysis of earthquake activity in the state; an area of current high interest given the recent, significant increase in Oklahoma earthquake activity.

(c) The preparation and publication of bulletins and reports, accompanied with necessary illustrations and maps, including both general and detailed descriptions of the geological structure and mineral resources of the state.

(d) The consideration of such other related scientific and economic questions that shall be deemed of value to the people of Oklahoma.

The successful candidate will have the demonstrated experience and ability to oversee these activities, while embracing the public service mission of the OGS and acting as the State Geologist of Oklahoma. Areas of expertise that could be considered include an appropriate background with state or national surveys, administration in academia, experience in industry or research, or other related areas.

Review of candidates will begin October 15th, 2014 and continue until the position is filled. The anticipated starting date is as soon as practical in early 2015. Applicants are requested to submit a complete resume, statement of relevant experience and a list of five references who can be contacted, including names, phone numbers, e-mail addresses and complete mailing addresses. Questions or requests for additional information may be addressed to Larry R. Grillot, Dean of the Mewbourne College of Earth & Energy, and Chair of the OGS Director Search Committee, at (405) 325-3821, or lgrillot@ou.edu. Applications and nominations should be addressed to OGS Director Search Committee, University of Oklahoma, Sarkeys Energy Center, 100 East Boyd Street, Room 1510, Norman, OK 73019-1008.

The University of Oklahoma is an Affirmative Action, Equal Opportunity Employer; Women, minorities, protected veterans and individuals with disabilities are encouraged to apply.
Three reasons to go global

“The experience of living in a different country and learning different approaches to scientific problems broadens your mind for research,” says Nick Luscombe, a computational biologist who found that moving from the United Kingdom to the United States for a postdoc was “an eye-opener.” The American work culture was “faster, brasher, and more ambitious,” he says. “People assumed everything they were working on was a potential Science or Nature paper.” The experience raised his own confidence, but also reinforced his appreciation of time to think through problems. Luscombe now draws on his multicultural experience to lead research groups at University College London, where he will join the new Francis Crick Institute, and the Okinawa Institute of Science and Technology (OIST).

“Nowadays, you have to do complex research to publish,” says Svetlana Dedyshe, head of the Laboratory of Wetland Microbiology, Winogradsky Institute of Microbiology, Russian Academy of Sciences. Dedyshe attributes a substantial portion of her professional success to international connections, saying, “My field requires collaboration.” Besides microbial ecology, fields that rely on global sharing of samples, data, and methods include climate science, geophysics, and health and science policy. Dedyshe was a visiting researcher at Michigan State University in the 1990s and the Max Planck Institute in Marburg, Germany in the 2000s and noticed the detail-oriented and analytic atmosphere in the German laboratories. Like Luscombe, she found the American attitude to be “sparkling enthusiasm, full confidence that everything you are doing is right.” She applies both approaches now, for example using enthusiasm to motivate students, although she deploys the American style sparingly, she says, because it takes so much energy. She strongly recommends international collaborations, though. They show people in her group how their work contributes to a broader scientific community.

“Science is a human enterprise that transcends many differences,” says Mónica Felíu-Mójer, manager of outreach programs for the University of Washington biostatistics department and vice-director of Ciencia Puerto Rico, an organization to advance science in Puerto Rico. Multicultural collaborations unite people from disparate backgrounds and convey positive messages about research, says Felíu-Mójer, including why science should be publicly supported. She encourages her fellow scientists to make continued>`
connections with Hispanic researchers. This promotes science among a growing demographic, she says: “Scientific collaborations can be a bridge to countries in Latin America where we want to have economic and political ties.” Felíu-Mójer went through a professional cultural adaptation herself when she moved from Puerto Rico to Boston after college. In addition to the language and weather, she had to adjust to the scale of U.S. research. “The laboratory where I worked at MIT was the size of the entire department at my university in Puerto Rico,” she says. Researchers with collaborators in countries with limited scientific infrastructure and support, where overnight delivery is a luxury and not standard practice, should be mindful of the bureaucracy and wait times faced by their colleagues, she advises.

Successful global partnerships acknowledge and celebrate cultural differences and anticipate rough spots. A common model says that people encountering a new culture go through highs and lows, with a honeymoon period in which differences are exciting, followed by phases of culture shock and adjustment before mastering the new culture (Black et al., *The Academy of Management Review* 16, 291 (1991); bit.ly/19TRhw). Below, Luscombe, Dedysh, Felíu-Mójer, and other scientists discuss strategies for quickly getting a multinational team to the mastery phase.

The big barrier: communication

“It’s so easy to feel frustrated by miscommunication,” says Luscombe. “People get personally offended even when they know the problem is just language.” English is the common language of science but the native tongue of only 7% of the world’s population. Non-native speakers often feel that working in a new language flattens their personality and stifles their sense of humor. They can’t make the small talk that builds a relationship. Visiting scientists whose main experience with English has been research articles and other written documents say they struggle with conversations. Aijie Wang, distinguished professor and Yangtze River Scholar, Ministry of Education, Harbin Institute of Technology, China, encountered this barrier on a professional development visit to Australia in 2002. “Australians have a strong accent,” she says, “so for the first month I felt like an idiot. I really had to focus, even to understand seminars and workshops.” Attending international meetings and inviting collaborators from other countries is a good way to hone communication skills, she advises, and usually, “it’s not hard to exchange ideas about science.”

Communication across cultures and languages is easier when you’re in the same room, says Neil Goldsmith, chief executive officer of Evolva, a biotech company with sites in Switzerland, Denmark, the United States, and India. Evolva was founded by a Brit, a Dane, and a Portuguese, he says, “so we were born multicultural.” A global orientation has clear benefits for a company or research team, says Goldsmith: “People who have lived in more than one country have an openness to new things. And being a small company with a high level of outside interactions—having a high surface area to volume—makes us learn from other groups and keeps us from talking only to ourselves.” In spite of technology that promises the world from your office, in-person meetings lead to more effective networking and stronger personal connections, says Goldsmith, summarizing, “Trust requires face-to-face.”

Achieving mastery: being a good host

The Luscombe group is the academic version of Evolva, with sites 10,000 km apart in London and Okinawa. Luscombe is the ideal leader for this arrangement. He grew up in Japan, attending an English-speaking school and taking Japanese language classes, an extra task in childhood that, as his parents predicted, he now appreciates. He and his sister went to boarding school in the United Kingdom because their parents wanted them to be comfortable in two cultures.

Both the London and Okinawan groups are a mix of people from multiple countries and Luscombe says that under the right circumstances, this type of group creates its own work culture. Luscombe is committed to teams with a flat structure and well-distributed interactions, so in the larger London group, he tries not to have too many people of one nationality at once to keep subgroups from forming. For this reason, some multinational laboratories have an English-only policy, so people who share another language don’t start speaking in their common tongue, excluding coworkers.

Luscombe’s group in Okinawa is small enough that no single nationality dominates. However, the team needed time to create a common culture that accommodates different work styles. A simple example, says Luscombe, is that non-Japanese scientists might brainstorm out loud while Japanese scientists prefer thinking through ideas before talking. Whether the differences are cultural or personal, “It takes time to adjust and build trusting, working relationships,” says Luscombe. He maintains a productive research environment by holding videoconferenced meetings in both English and Japanese with the Okinawan group when he is not in Japan. The OIST team also came together around their unique project of studying developmental pathways using marine organisms, says Luscombe. “Now—and I’m not sure [my team will] like this comparison—it’s like a pirate ship. We have people from different exotic backgrounds who left their original countries to be part of this scientific adventure on an island.”

The Center for Microbial Ecology at Michigan State University also has a distinct, global work culture, thanks to director Jim Tiedje, who has hosted more than one hundred international students, postdocs, and visiting scientists. “I don’t think there are any cons,” says Tiedje about hosting guest researchers, “although it’s good to have clear goals.” Find mutually beneficial projects that can be achieved in a realistic timeline, he says. Be clear about expectations and if possible, arrange for multiple visits. Wang visited the Tiedje lab in 2006 and agrees that straightforward discussions at the start of a partnership prevent surprises later. For example, she says, international collaborations taught her

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Communication across cultures and languages is easier when you’re in the same room, says Neil Goldsmith.

The importance of early discussions about publications. “In China,” she says, “we expect to honor anyone who helped us by making them coauthors.” Working with non-Chinese colleagues, she learned to express clear expectations around authorship from the beginning of a project.

To find international collaborators who will be a good fit, experienced scientists advise looking for people who share your enthusiasm for the field and have innovative ideas. Screen out people who are mainly interested in travel. If possible, follow Goldsmith’s principle about face-to-face interactions and meet in person, for example at a conference. At least have an internet video conversation to test interactions in real-time.

Be sensitive to potential cultural differences when interacting with researchers from another country, says Tiedje, but don’t worry too much. “Scientists now have a kind of standard international culture,” he says. Dedys does advise humility, even as a senior scientist working with students. “Don’t criticize the lab,” she says, “and don’t behave as if you are the boss. That will never be helpful.” Instead, help out, clean up messes, and be a good lab citizen. Share your expertise if asked and you’ll be rewarded with coworkers and friends who want to help you succeed.

To smooth over the inevitable miscommunications, acknowledge and appreciate the extra effort everyone is making. And go in with the right attitude. For positive collaborations across languages and cultures, Goldsmith endorses a principle attributed to Yang Yuanqing, chief executive officer of the computer company Lenovo: “In all situations, assume good intentions.”

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Read the prequel on multicultural relationships at: DOI: 10.1126/science.opms.r1400145
HudsonAlpha opened its doors in 2008 with a mission to translate the promise of genomics into medical, agricultural, educational, and commercial realms. Scientists at HudsonAlpha use genomic and genetic approaches to answer important biological questions, especially those relevant to the genetic and molecular basis of human disease, agriculture, bioenergy, and biodiversity.

The Institute provides generous support for productive research programs and offers an exciting academic environment thanks to formal partnerships with leading universities and medical centers around the world. Part of a vibrant science and engineering community, HudsonAlpha sits at the heart of Cummings Research Park, one of the world’s largest science and technology business parks, located in Huntsville, Alabama.

HudsonAlpha’s 152-acre campus has state-of-the-art buildings and infrastructure for its unique blend of nonprofit research scientists, educators, and commercially-oriented entrepreneurs, who share work-space and know-how across organizational boundaries. The Institute has assembled an impressive concentration of research expertise and infrastructure in high-volume DNA sequencing, genotyping and functional assays that serves its own research scientists, as well as hundreds of partners’ needs, generating exomes, genomes, transcriptomes, and functional genomic datasets.

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Faculty Candidates should have a graduate degree and an outstanding record of research achievement, including an established, internationally competitive, and independent research program.

Faculty candidates with interests and expertise in the following areas are especially encouraged to apply.

- computational biology
- human disease (particularly cancer genomics and neuro-psychological disorders)
- plant genomics

Faculty recruitment will proceed through the 2014-2015 academic year; invitations for interviews will begin in the second half of 2014 in anticipation of start-dates in 2015. HudsonAlpha Institute is an equal opportunity employer and values diversity in its workplace.

Apply to FacultyCareers@hudsonalpha.org. Please send a curriculum vitae and 3-page research summary and plan.

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Florida State University

Coastal & Marine Initiative: Conservation Biology, Fisheries Biology, Population Biology, Community Ecology and Organismal Biology

Florida State University is continuing its major interdisciplinary initiative in the broadly defined area of Coastal & Marine Research. During the 2014-15 academic year, the initiative will be recruiting up to five tenure-track faculty members and the search is open with respect to rank. We invite applications in five areas of research: (1) conservation biology, (2) fisheries biology, (3) population biology (including demography and population genetics), (4) community ecology (including species interactions and macroecology) and (5) organismal biology (including environmental physiology and functional morphology). We encourage applications from ecologists and evolutionary biologists, empiricists and theoreticians. Habitats of interest include marine habitats (e.g., seagrass, oyster reef, saltmarsh, reefs, open water) and terrestrial systems (e.g., dunes, rivers and streams, maritime forests). Faculty appointments will be in the Department of Biological Science or the Department of Earth, Ocean and Atmospheric Science and can be based at the FSU Coastal and Marine Laboratory. Successful candidates are expected to contribute to teaching and mentoring at the graduate and undergraduate levels. Successful candidates will be offered highly competitive salaries and start-up packages, high quality research space and access to state-of-the-art instrumentation, computing and facilities in academic and interdisciplinary units.

Applicants are asked to provide a single document in PDF format containing a letter of application, a curriculum vitae, a two page narrative describing their research interests and plans, and a brief teaching statement. Applications must be sent electronically to coastal-marine2014P.search@fsu.edu. Applicants should also have three letters of recommendation sent to coastal-marine2014P.letters@fsu.edu. The closing date for applications is November 12, 2014.

Florida State University is committed to the diversity of its faculty, staff, and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, and people with disabilities are encouraged to apply. FSU is an Equal Opportunity/Access/Affirmative Action Employer.

Florida State University

Coastal & Marine Initiative: Geomorphology, Hydrology, Physical Oceanography and Air-Sea Interactions

Florida State University is continuing its major interdisciplinary initiative in the broadly defined area of Coastal & Marine Research. During the 2014-15 academic year, the initiative will be recruiting up to five tenure-track faculty members and the search is open with respect to rank. We invite applications from researchers active in coastal system research in the areas of geomorphology, hydrology, physical oceanography and air-sea interactions. Candidates with research interests that bridge across disciplines, including life sciences, are encouraged to apply. The search seeks to complement the existing strengths in coastal and marine research in the Department of Earth, Ocean and Atmospheric Science, the Department of Biological Science and the FSU Coastal and Marine Laboratory. Faculty appointments will be in the Department of Earth, Ocean and Atmospheric Science and can be based at the Coastal and Marine Laboratory. Successful candidates are expected to contribute to teaching and mentoring at the undergraduate and graduate levels. Successful candidates will be offered highly competitive salaries and start-up packages, high quality research space and access to state-of-the-art instrumentation, computing and facilities in academic and interdisciplinary units.

Applicants are asked to provide a single document in PDF format containing a letter of application, a curriculum vitae, a two page narrative describing their research interests and plans, and a brief teaching statement. Applications must be sent electronically to coastal-marine2014P.search@fsu.edu. Applicants should also have three letters of recommendation sent to coastal-marine2014P.letters@fsu.edu. The closing date for applications is November 12, 2014.

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Purdue University

Faculty Position in Structural Biology

The Purdue University Department of Biological Sciences in conjunction with the Center for Cancer Research and the Walther Cancer Foundation are seeking an outstanding scientist with a proven track record of excellence in the science of cancer structural biology to join our faculty as a Walther Professor in Structural Biology. A Walther Professor is expected to conduct research in the area of structural biology to address fundamental questions in cancer biology; teach undergraduate and/or graduate students; and participate in ongoing programs in the Department of Biological Sciences and the Center for Cancer Research. Preference will be given to candidates utilizing modern cryo-EM approaches combined with other structural approaches such as X-ray crystallography to determine structures of cancer-relevant macromolecules and macromolecular complexes, and/or X-ray crystallography of cancer-relevant drug targets as part of a structure-based drug design program. Candidates should hold the rank of associate or full professor and have a PhD in Biological Sciences or related field, have an excellent track record of publications and extramural funding and a strong commitment to excellence in teaching.

The Department of Biological Sciences offers a dynamic research environment in structural biology research and education. The Marky Center for Structural Biology at Purdue is recognized worldwide for its leadership in structural biology of viruses, membrane proteins, receptors, signaling proteins, enzymes and nucleic acids in addition to methods development in X-ray crystallography, cryo-electron microscopy and NMR. The Purdue Center for Cancer Research is among an elite group of NCI-designated Cancer Centers nationwide and one of only seven centers focused exclusively on basic and translational research. The Walther Professor will have laboratory space in the newly constructed Hockmeyer Hall of Structural Biology, which houses a Titan Krios cryo-TEM, X-ray generators and detectors, and crystallization and imaging robots. Other state-of-the-art shared resources across Purdue such as a Bruker Avance-III 800 MHz NMR and other advanced biophysical instrumentation are available through the Bindley Biosciences and Birck Nanotechnology Centers.

Applications must be submitted electronically to http://hiring.science.purdue.edu as a PDF file that includes: a detailed curriculum vitae, names and addresses of three referees, a 2 - 3 page summary of research interests, and a one-page statement of teaching experience and interests. Inquiries should be directed to search@bio.purdue.edu or Structural Biology Search Committee, Department of Biological Sciences, Purdue University, 915 W. State St., West Lafayette, IN 47907-2054. Confidential review of applications will begin October 1, 2014 and will continue until the position is filled. Further information about the Department is available at http://www.bio.purdue.edu.

A background check will be required for employment in this position. Purdue University is an ADVANCE institution and a dual career friendly employer.

Purdue University in EEO/AA Employer. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.
The CUNY Advanced Science Research Center (ASRC) is devoted to some of global science’s most dynamic disciplines – Nanoscience, Photonics, Structural Biology, Neuroscience, and Environmental Sciences – in a highly collaborative research environment. The ASRC operates as a nucleus of a University-wide science enterprise, fostering the development of an integrated research network that brings together faculty, post-doctoral fellows, and students from CUNY’s colleges. This state-of-the-art $350 million center positions CUNY, which is the nation’s largest urban public university, at the vanguard of 21st Century scientific exploration and education.

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The ASRC seeks a dynamic and innovative scientist with demonstrated leadership and research accomplishments in neuroscience to serve as Professor and Director of Neuroscience. The position will be a tenured faculty member and program administrator. The successful candidate will be expected to engage in teaching and research; oversee the Neuroscience program; lead researchers in collaborative projects and activities; lead the continued acquisition of external funding; recruit new faculty; and ensure compliance with federal research guidelines and University policies. Applicants must be accomplished and respected researchers in an area of neuroscience with a solid record of scholarly activities and possess appropriate credentials for a senior faculty appointment at one of the CUNY colleges. Successful candidates will be scientists of outstanding merit and accomplishment with active, funded research programs in neuroscience or a closely related area; strong leadership qualities; familiarity with multi-disciplinary programs; interest in promoting research collaborations and diverse academic activities; ability to foster collaboration among scientists; and ability to identify promising new areas for basic research applications. The director will have the opportunity to recruit new faculty into related areas in neuroscience. Exceptional candidates may be appointed as a Distinguished and/or Einstein Professor. Ph.D. in a life science, engineering, or closely-related science area required.

**Director of Photonics**

The ASRC seeks a dynamic and innovative scientist with demonstrated leadership and research accomplishments in photonics to serve as Professor and Director of Photonics. The position will be a tenured faculty member and program administrator. The successful candidate will be expected to engage in teaching and research; oversee the Photonics program; lead researchers in collaborative projects and activities; lead the continued acquisition of external funding; recruit new faculty; and ensure compliance with federal research guidelines and University policies. Applicants must be accomplished and respected researchers in a Photonics area with a solid record of scholarly activities and possess appropriate credentials for a senior faculty appointment at one of the CUNY colleges. Preference will be given to those whose experimental research focus areas include but are not limited to one or more of the following: nanophotonics, terahertz technology, ultrafast spectroscopy, and plasmonics. Successful candidates will be scientists of outstanding merit and accomplishment with active, funded research programs in Photonics or a closely related area; strong leadership qualities; familiarity with multi-disciplinary programs; interest in promoting research collaborations and diverse academic activities; ability to foster collaboration among scientists; and ability to identify promising new areas for basic research applications. The director will have the opportunity to recruit new faculty into related areas in photonics. Exceptional candidates may be appointed as a Distinguished and/or Einstein Professor. Ph.D. in a life science, engineering, or closely-related science discipline, or Photonics specialty area required.

**Faculty Positions in Nanoscience, Structural Biology and Environmental Sciences**

The ASRC seeks to appoint a number of outstanding, ambitious, and highly innovative scientists with demonstrated world-class research accomplishments to serve as faculty in the areas of Nanoscience, Structural Biology, and Environmental Sciences. Faculty are expected to make key contributions in establishing the ASRC as an internationally leading research center, through innovative and collaborative research for societal and economic benefit, and by inspiring new generations of scientists.

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Rutgers Cancer Institute of New Jersey (CINJ) invites applications for tenure-track faculty positions specializing in cancer systems biology. Exceptional senior investigators will also be considered. CINJ is an NCI-designated, comprehensive and consortium cancer center that includes faculty members from Princeton University.

New faculty are expected to establish an innovative, independent and collaborative research program addressing important, fundamental questions in the area of cancer systems biology. Interdisciplinary approaches are encouraged and the combined CINJ consortium faculty has complementary expertise and strengths in cancer biology, signal transduction, systems biology, metabolism, and genomic instability.

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Rutgers Cancer Institute of New Jersey (CINJ) is one of only 41 NCI-designated Comprehensive Cancer Centers, the only such center in New Jersey, and a leader in laboratory, clinical prevention and public health science. CINJ offers world-class quality cancer care providing the most advanced medicines and treatment options for patients in its New Brunswick facility, as well as at its network of 60 hospitals across the state. CINJ manages more than 90,000 patient visits per year and the CINJ network of hospitals provides care for approximately 35 to 40 percent of all cancer patients in the state of New Jersey.

Interested applicants should send their CV, a brief description of their research interests and plans, and the names of three references via email to CINJjobs@gmail.com addressed to: David J. Foran, PhD, Professor Pathology, Laboratory Medicine & Radiology, CIO and Director of Biomedical Informatics, Rutgers Cancer Institute of New Jersey, c/o Larissa Varela, Faculty Recruitment Coordinator.

Rutgers, the State University of New Jersey, is an Equal Opportunity/Affirmative Action employer, and is compliant with the Americans with Disabilities Act (ADA). Women and minorities are encouraged to apply. For more information, please visit http://jobs.rutgers.edu/Thru/Commitment.htm.

The mission of the Department of Biological Engineering is to define and establish a new discipline fusing molecular life sciences with engineering, to advance fundamental understanding of how biological systems operate and to develop effective biology-based technologies. The Koch Institute is an NCI-designated Cancer Center which features research across a wide range of areas in cancer biology and cancer-oriented engineering. This is an open search with regard to field of study and specific research focus, but clear cancer relevance is essential.

Applicants should hold a PhD in a science or engineering discipline related to biological engineering. Areas of interest include, but are not limited to: imaging, computational modeling, systems biology, biomolecular design, and novel approaches to detecting, monitoring and treating cancer. The candidate will be expected to develop and lead an internationally competitive research program. Faculty duties include teaching at the undergraduate and graduate levels, advising students, conducting original scholarly research and developing course materials at the graduate and undergraduate levels. Applicants should hold a PhD in a science or engineering discipline related to biological engineering by the start of employment. The successful candidate will have laboratory spaces in the Koch Institute. Applicants should include curriculum vitae, brief summaries of past accomplishments and a description of future research plans. Letters of recommendation should be sent separately from three scientists/engineers that evaluate the candidate’s accomplishments and future potential for both research and teaching.

Reponses by November 15, 2014, will be given priority. Questions may be directed to Prof. Douglas Lauffenburger, MIT Biological Engineering Department Head; lauffen@mit.edu. Please upload all application materials online at: https://school-of-engineering-faculty-search.mit.edu/

We especially encourage minorities and women to apply because of MIT’s strong commitment to diversity in education, research and practice. MIT is an Equal Opportunity/Affirmative Action employer.

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IST Austria is a recently founded public institution dedicated to basic research and graduate education near Vienna. Currently active fields of research include biology, neuroscience, physics, mathematics, and computer science. IST Austria is committed to become a world-class research center with up to 1000 scientists and doctoral students by 2026. The institute has an interdisciplinary campus, an international faculty and student body, as well as state-of-the-art-facilities. The working language is English.

Successful candidates will be offered highly competitive research budgets and salaries. Faculty members are expected to apply for external research funds and participate in graduate teaching. Candidates for senior positions must be internationally accomplished scientists in their respective fields.

DEADLINES: Open call for Professor applications. For full consideration, Assistant Professor applications should arrive on or before November 15, 2014. Application material must be submitted online: www.ist.ac.at/professor-applications

IST Austria values diversity and is committed to equal opportunity. Female researchers are especially encouraged to apply.
Fundamental Neuroscience Faculty
Florida State University

Brain Health & Disease Initiative: Fundamental Neuroscience

As part of a strategic campus-wide investment in neuroscience, Florida State University invites applications for up to five tenure-track positions. This faculty search is open with respect to rank and academic department. Areas of interest span molecular, genetic, cellular and physiological mechanisms underlying normal and disordered brain function. Areas of research specialization include, but are not limited to: (1) In vivo circuit function including transgenic optogenetic, electrophysiological, molecular genetic, developmental and/or computational analyses; (2) Mechanisms of sensory function, learning and memory, circadian rhythms, neural regulation of metabolism, and motivated behavior, including drug addictions, social and ingestive behaviors; and (3) Mechanisms of neurodegenerative disease, disorders of mood and emotion, functional alterations in aging and prospects for brain repair. Successful candidates are expected to have a synergistic impact on existing research programs contribute to teaching and mentoring students. Successful candidates will be offered highly competitive salaries and start-up packages, research space in modern laboratory buildings and access to state of the art core facilities.

Applicants are asked to provide a single document in PDF format containing a letter of application, a full CV that includes links to recent publications, a two page narrative describing their research interests, and a brief teaching statement to brain-initiative2014N.search@fsu.edu. Applicants should also have three letters of recommendation sent in electronic format to brain-initiative2014N.letters@fsu.edu. The search committee will begin reviewing applicants starting November 1, 2014 and will continue to review new applications until the position is filled.

The Florida State University is committed to the diversity of its faculty, staff, and students, and to sustaining a work and learning environment that is inclusive. Women, minorities, and people with disabilities are encouraged to apply. FSU is an Equal Opportunity/Access/Affirmative Action Employer. As an agency of the State of Florida, all application materials and selection procedures are available for public review.

Florida State University

Brain Health & Disease Initiative: Translational Health and Human Neuroscience

As part of a strategic campus-wide investment in neuroscience, including human neuroimaging, Florida State University invites applications for up to five tenure-track positions. This faculty search is open with respect to rank and academic department. Areas of interest include but are not limited to research of normal and abnormal behavioral and cognitive functions across the life span and brain mechanisms underlying medical, psychiatric, neurodevelopmental, and neurodegenerative disorders. We are particularly interested in candidates who use innovative methodologies and approaches to the study of brain function including fMRI and other imaging methods. Successful candidates are expected to have a synergistic impact on existing research programs and evidence of the ability to attract external research support. Highly competitive salaries and start-up packages, state-of-the-art research space and access to world-class instrumentation and facilities in academic and interdisciplinary units will be offered to successful candidates.

Applicants are asked to provide a single document in PDF format containing a letter of application, a full CV (with links to recent publications), a two page narrative describing their research interests, and a brief teaching statement. Applications must be sent electronically to brain-initiative2014H.search@fsu.edu. Applicants should also arrange to have three letters of recommendation sent in electronic format to brain-initiative2014H.letters@fsu.edu. The search committee will begin reviewing applications starting November 1, 2014 and will continue to review new applications until the position is filled.

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Faculty Position in Biomaterials
at the Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Engineering of EPFL invites applications for a **tenure track assistant professor in biomaterials** within its Institute of Materials with a possible joint appointment in the Institute of Bioengineering. We seek exceptional individuals who will develop and drive a research program at the forefront of the discipline, who have a strong dedication to teaching at the undergraduate and graduate levels, and who will be proactive members of a vibrant Materials community.

Top-level applications covering all areas of biomaterials science and engineering are invited including, but not limited to biomolecular, biomimetic, bio-inspired and biomedical materials.

Start-up resources and state-of-the-art research infrastructure will be available. Salaries and benefits are internationally competitive.

The Institute of Materials at EPFL is well integrated in the School of Engineering and has close interactions with the Institute of Bioengineering. Further exciting opportunities for interactions exist with the Schools of Life Sciences and Basic Sciences, as well as with the newly founded Wyss Center and the University Hospital of Lausanne (CHUV).

EPFL, with its main campus located in Lausanne, Switzerland, is a dynamically growing and well-funded institution fostering excellence and diversity. It has a highly international campus at an exceptionally attractive location boasting first-class infrastructure. As a technical university covering essentially the entire palette of engineering and science, EPFL offers a fertile environment for research cooperation between different disciplines. The EPFL environment is multi-lingual and multi-cultural, with English often serving as a common interface.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, concise statement of research and teaching interests, and the names and addresses of at least five referees. Applications must be uploaded in PDF format to the recruitment web site: [http://go.epfl.ch/imx-search](http://go.epfl.ch/imx-search)

**Formal evaluation of candidates will begin on December 1st, 2014.**

Enquiries may be addressed to:
**Prof. Harm-Anton Klok**
Search Committee Chair
e-mail: imx-search@epfl.ch

For additional information on EPFL, please consult the web sites:
[www.epfl.ch](http://www.epfl.ch), [sti.epfl.ch](http://sti.epfl.ch), [imx.epfl.ch](http://imx.epfl.ch) and [ibi.epfl.ch](http://ibi.epfl.ch).

**EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.**

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Faculty Position in Materials Electron Microscopy
at the Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Engineering of EPFL invites applications for a **tenure track assistant professor in electron microscopy of materials** within its Institute of Materials. We seek exceptional individuals who will develop and drive a research program at the forefront of the discipline, who have a strong dedication to teaching at the undergraduate and graduate levels, and who will be proactive members of a vibrant Materials community.

Top-level applications are invited from candidates at the cutting edge of electron microscopic imaging as applied to materials science and engineering. Areas of interest include, but are not limited to, high-resolution imaging, 3D and 4D imaging, advanced analysis methods, and innovative modeling approaches, as applied to the structural characterization of materials by means of electron microscopy.

Start-up resources and the state-of-the-art research infrastructure at EPFL’s Interfaculty Center for Electron Microscopy (CIME) will be made available for the successful candidate. Salaries and benefits are internationally competitive.

EPFL, with its main campus located in Lausanne, Switzerland, is a dynamically growing and well-funded institution fostering excellence and diversity. It has a highly international campus at an exceptionally attractive location boasting first-class infrastructure. As a technical university covering essentially the entire palette of engineering and science, EPFL offers a fertile environment for research cooperation between different disciplines. The EPFL environment is multi-lingual and multi-cultural, with English often serving as a common interface.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, concise statement of research and teaching interests, and the names and addresses of at least five referees. Applications must be uploaded in PDF format to the recruitment web site: [http://go.epfl.ch/emm-search](http://go.epfl.ch/emm-search)

**Formal evaluation of candidates will begin on December 1st, 2014.**

Enquiries may be addressed to:
**Prof. Harm-Anton Klok**
Search Committee Chair
e-mail: emm-search@epfl.ch

For additional information on EPFL, please consult the web sites:
[www.epfl.ch](http://www.epfl.ch), [sti.epfl.ch](http://sti.epfl.ch), [imx.epfl.ch](http://imx.epfl.ch) and [cime.epfl.ch](http://cime.epfl.ch).

**EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.**
The National Academies is pleased to announce a call for nominations and applications for the 2015 Jefferson Science Fellows program. Initiated by the Secretary of State in 2003, this fellowship program engages the American academic science, technology, engineering and medical communities in the design and implementation of U.S. foreign policy.

Jefferson Science Fellows (JSF) spend one year at the U.S. Department of State or the U.S. Agency for International Development (USAID) for an on-site assignment in Washington, D.C. that may also involve extended stays at U.S. foreign embassies and/or missions.

The fellowship is open to tenured, or similarly ranked, academic scientists, engineers and physicians from U.S. institutions of higher learning. Nominees/applicants must hold U.S. citizenship and will be required to obtain a security clearance.

The deadline for 2015-2016 program year applications/nominations is January 12, 2015. To learn more about the Jefferson Science Fellowship and to apply, visit the website at:

www.national-academies.org/jsf

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www.national-academies.org/jsf

Jefferson Science Fellowship

Assurers to the Nation on Science, Engineering, and Medicine

BioFrontiers Institute
UNIVERSITY OF COLORADO

Tenure-Track Assistant Professor in Computational Biology at the University of Colorado BioFrontiers Institute

BioFrontiers integrates faculty from nine departments to address significant problems in biology and medicine at the interface of the biological sciences with the physical sciences, mathematics, computer science, and/or engineering (see http://BioFrontiers.colorado.edu/about). While a successful candidate could be rostered in any of our participating departments, this search will focus on candidates seeking to develop an internationally recognized research program in computational biology, with additional emphases on genomics, the microbiome, and/or network science. Successful candidates must demonstrate a strong focus on innovative computation in their research plan.

The tenure-track position is at the Assistant Professor level, although more senior candidates will also be considered. Candidates must have a Ph.D. and a demonstrated commitment to teaching at undergraduate and graduate levels. The successful candidate will hold the Marvin H. Caruthers Endowed Chair for Early Career Faculty for a period of four years, after which the Chair will be recycled to another early career faculty member.

Application materials are accepted electronically at http://www.jobsatcu.com/postings/86204. Review of applications will begin on November 11, 2014 and will continue until the position is filled. The University of Colorado Boulder conducts background checks for all final applicants.

As an Equal Opportunity/Affirmative Action Employer, the University of Colorado is committed to diversity and equality in education and employment and sensitive to the needs of dual-career couples.

Tenure Track Faculty

The Department of Brain & Cognitive Sciences (BCS) (http://bcs.mit.edu) and The Picower Institute for Learning & Memory at MIT (http://picower.mit.edu) are looking to hire up to three (3) tenure-track faculty at the assistant professor level who work in one or more of the following three (3) areas:

i) Computational approaches to intelligence, cognition or neuroscience; an experimental component to the candidate’s research would be viewed as a positive but is not necessary. An affiliation with Electrical Engineering and Computer Science, the Computer Science and Artificial Intelligence Laboratory (CSAIL), or other allied departments is possible.

ii) Molecular & cellular: The Picower Institute is searching for a candidate studying development, function or plasticity of neuronal circuits at the cellular, circuit, and/or systems levels using a multi-faceted approach combining different methodologies and levels of analysis. Candidates with strong cellular/molecular training who are studying development of brain circuits or using stem cell technologies are particularly encouraged to apply.

iii) Human cognition and/or cognitive neuroscience using behavioral methods, especially in the areas of language and/or cognitive development OR using fMRI/neuroscience methods.

Successful applicants are expected to develop and lead independent, internationally competitive research programs and to share in our commitment to excellence in undergraduate and graduate education by teaching courses and mentoring graduate and undergraduate research. PhD must be completed by start day of employment and some postdoctoral training is preferred.

Please submit application materials – cover letter, CV, statement of research and teaching interests and representative reprints – online at https://academicjobsonline.org/ajo/jobs/4002. Please state research area in cover letter. To help direct the application, applicants should indicate which of the three areas listed above is their main research area by answering the mandatory questions included in the application. In addition, please arrange to have three letters of recommendation submitted online. Review of applications will begin on November 1, 2014.

MIT is an affirmative action employer, and we encourage applications from women and underrepresented minorities.

http://web.mit.edu

ASSISTANT PROFESSOR
Environmental Policy
ARTS AND SCIENCE

Qualified applicants are invited to apply for a full-time, tenure-track assistant professor position in the Department of Environmental Studies, to begin September 1, 2015, pending administrative and budgetary approval. We seek an excellent scholar with a rigorous theoretical and empirical approach to environmental studies. We are especially interested in candidates with environment-expertise in policy, governance, and environmental affairs. Candidates with a Ph.D. in environmental studies or relevant discipline are invited to apply. The successful candidate will be expected to teach and contribute broadly to environmental studies. Candidates should possess a Ph.D. by September 1, 2015, have a research program that demonstrates the potential to be a leader in the field of Environmental Studies, and have proven the ability to be an excellent teacher. The successful candidate will have the opportunity to affiliate with other NYU departments, programs, and centers such as the Wagner School of Public Service at NYU.

Application deadline is November 15, 2014. To learn more and apply, see the NYU Environmental Policy web site at http://environment.as.nyu.edu.

NYU is an Equal Opportunity/Affirmative Action Employer.
Faculty Positions at The Wistar Institute

As the nation’s first independent biomedical research Institute with a tradition of landmark discoveries in the areas of cancer, immunology and vaccines, The Wistar Institute has embarked on or upon its largest facility and faculty expansion. Enabled by the recent opening of a new, state-of-the-art Robert and Penny Fox Research Tower, and renewal of its NCI-designated Cancer Center designation with an Exceptional rating, the Institute now seeks outstanding faculty candidates at all academic ranks (Assistant, Associate and Full Professor) for multiple faculty positions in its four Cancer Center Programs: Gene Expression and Regulation, Translational Tumor Immunology, Tumor Microenvironment and Metastasis, and Molecular and Cellular Oncogenesis.

Successful candidates will leverage a highly collaborative and inclusive institutional culture to develop or expand extramurally-funded research programs in basic and translational molecular cancer research. Investigators working in any cancer type are welcomed to apply although ovarian cancer and melanoma are particular focus areas in the Cancer Center. Key areas of programmatic interest include, but are not limited to:

- Cancer epigenetics, biochemistry and molecular biology, functional genomics, gene expression regulation, non-coding RNAs, tumor virology;
- Tumor suppressor and oncogenes, cancer stem cells, cancer metabolomics;
- Tumor immunology;
- Metastasis and tumor microenvironment;
- Systems and computational biology of cancer development and treatment resistance;
- Chemical biology, new target identification and biomarker assessment.

The Wistar Institute offers highly competitive start-up support, salary and fringe benefits in addition to an outstanding and highly interactive research environment. Faculty will be recruited to new research space with a state-of-the-art vivarium and outstanding core facilities in proteomics, genomics, imaging, molecular screening, bioinformatics, flow cytometry, and others. The Institute’s location adjacent to the University of Pennsylvania campus provides for vigorous academic and clinical collaborations, as well as attractive training opportunities for graduate students and postdoctoral fellows.

Applications will be reviewed as received and will be accepted until all positions are filled. To ensure timely consideration during the current recruitment cycle, applicants should submit applications before November 1, 2014. The application should include: a curriculum vitae, a brief summary of past and future research interests, history of research funding support (if applicable). Applications (submitted as a single PDF) should be sent by e-mail to: Maria Colelli, Faculty Search Coordinator (colelli@wistar.org), The Wistar Institute, 3601 Spruce Street, Philadelphia, PA 19104. EOE/AA/M/F/D/V.

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Cleveland Clinic
CHAIR
Department of Molecular Cardiology
LERNER RESEARCH INSTITUTE, CLEVELAND CLINIC

We are seeking a Chair for the Department of Molecular Cardiology which occupies 38,000 sq. ft. in the Lerner Research Institute. An endowed chair accompanies this position. The department currently consists of 15 faculty members (including Ed Plow, Ph.D. who recently decided after 22 years to step down as Chair) with well-funded research programs in cardiovascular biology. The ideal applicant for this position will have an outstanding national reputation in areas that complement the strengths of the department. The Lerner Research Institute with over 160 independent investigators in 11 departments and an annual budget of greater than $250 million has a commitment of excellence in basic, translational & clinical research. The Chair will be provided with a highly competitive salary, generous start-up support, and recruitment packages for additional faculty.

Curriculum vitae, a personal statement and the names and addresses of three references should be sent to:
Rael A. Dweik, MD, Search Committee for the Chair of Molecular Cardiology
Departments of Pulmonary and Critical Care Medicine / Respiratory Institute and Pathobiology / Lerner Research Institute, Desk A-90, Cleveland Clinic, 9500 Euclid Avenue, Cleveland, OH 44195.
Or apply online at www.clevelandclinic.org/physicianrecruitment

Visit us on the Web at http://www.lerner.ccf.org/molecard/
E-mail: dweikr@ccf.org

Equal Employment/Affirmative Action Employer – Min/Fem/Disability/Vet
DEVELOPMENTAL BIOLOGIST
ASSISTANT PROFESSOR (TENURE-TRACK)
DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF SCIENCE

Responsibilities: This is a tenure-track faculty position and the successful candidate will be expected to establish and maintain a vigorous, extramurally funded research program in the areas of eukaryotic developmental biology at LSU. Biological Sciences is a large and dynamic department, with research ranging across all levels of biological organization from molecules to ecosystems. The successful candidate will complement these strengths and contribute to undergraduate and graduate teaching.

Required Qualifications: Ph.D. in Biological Sciences or related field; successful track record of independent research.

Additional Qualifications: Postdoctoral experience preferred.

An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is November 30, 2014, or until a candidate is selected. Apply online and view a more detailed ad at: https://lsusystemcareers.lsu.edu Position #001309

Quick link at ad URL: https://lsusystemcareers.lsu.edu/applicants/Central?quickFind=58209

LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

ECOLOGIST
ASSISTANT PROFESSOR (TENURE-TRACK)
DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF SCIENCE

Responsibilities: This is a tenure-track faculty position and the successful candidate will be expected to establish and maintain a vigorous, extramurally funded research program in Population, Community or Theoretical Ecology at LSU, and contribute to undergraduate and graduate teaching.

Required Qualifications: Ph.D. in a Biological Sciences or related field; successful track record of independent research. A.B.D. candidates will be considered as long as degree is completed by time of appointment.

Additional Qualifications: Postdoctoral experience preferred; broadly trained ecologist who addresses questions regarding population demography and regulation, community structure and species interactions, or the maintenance and function of biodiversity.

An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is October 31, 2014, or until a candidate is selected. Apply online and view a more detailed ad at: https://lsusystemcareers.lsu.edu Position #027602

Quick link at ad URL: https://lsusystemcareers.lsu.edu/applicants/Central?quickFind=58210

LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

Faculty Positions in Basic Translational Sciences

The UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the entire University of North Carolina Chapel Hill, seeks outstanding candidates for faculty positions at all levels and at all ranks in basic and translational cancer research with a special interest in a senior cancer researcher. This broad-based recruitment seeks outstanding scientists in a number of areas, including but not limited to: animal models, signal transduction, computational and systems biology, cancer genetics, virology, drug development and target validation, epigenetics and gene expression, DNA damage and repair, cancer therapy, cancer immunology, inflammation and cancer, and stem cells. Applicants should have a strong record of recent accomplishments as a post-doctoral fellow or sustained productivity as an established faculty member. Appointment and rank in an academic department will be determined by the applicant’s qualifications. Applications will be reviewed beginning December 1, 2014 and until the positions are filled.

Educational Requirements: Doctoral Degree
Qualifications and Experience: Doctoral Degree

Apply online at http://unc.peopleadmin.com/postings/50871
and provide curriculum vitae, a list of four references, and Research Statement.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer. Women and minorities are strongly encouraged to apply and self-identify on their application.
The Stowers Institute for Medical Research invites innovative young scientists in the Life Sciences to submit applications for a faculty position. We anticipate making an appointment in 2015 at the rank of Assistant Investigator. Research programs of interest include, but are not limited to: computational biology, neuroscience, developmental and cell biology, genomics, stem cell biology, regenerative biology and epigenetics. Our interests encompass a broad gamut of experimental organisms and approaches. The successful candidate will benefit from and complement the Institution’s existing strengths in genetics and epigenetics, cell and chromosome biology, stem cells and regenerative biology, developmental biology and evolution, and biochemistry and neuroscience.

The position is fully funded throughout the candidate’s appointment. This includes $600,000 per year for full salary support and research funding, in addition to start-up funds and ongoing needs for equipment. The initial appointment is for 6 years and is then subject to renewal every 6 to 7 years. In total, the package for a junior position is more than $3.5 million over the first term and increases significantly after promotion. In addition, investigators may take advantage of exceptional core facilities and technology centers staffed by over 100 scientists. Stowers investigators have multiple opportunities to be involved in the Institute’s Graduate School program.

Candidates must have a Ph.D. or equivalent degree and postdoctoral experience demonstrating innovation and excellence in their field. Candidates will be expected to possess a long-term vision of their scientific interests, to establish a vigorous and innovative research program, and to actively contribute to the Institute’s mission and collegiality.

Deadline for applications is October 31, 2014. Applicants should submit a cover letter, a CV, a research plan and vision statement, and arrange for the submission of three letters of reference through our application page at: http://www.stowers.org/facultysearch. Questions should be directed to the Search Committee Chair, Dr. Alejandro Sánchez Alvarado (facultysearch@stowers.org).

The Stowers Institute for Medical Research is proud to be an Equal Opportunity Employer. All qualified applicants will be afforded equal opportunity regardless of race, creed, color, religion, gender, sexual orientation, pregnancy, national origin, age, disability, military status, or any other status protected by law.

Faculty position in the Life Sciences

Caltech
California Institute of Technology invites applications for tenure-track faculty positions in the Division of Chemistry and Chemical Engineering

Assistant Professor Chemistry

Areas of particular interest include inorganic chemistry, physical chemistry, chemical biology and biochemistry, although applications in any area of chemistry or biochemistry are welcomed. Exceptionally well-qualified applicants at the tenured level may also be considered. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial untenured appointment is four years, and the appointment is contingent upon completion of all requirements for a Ph.D. in chemistry, biochemistry, or in a related field.

Interested candidate should apply electronically https://applications.caltech.edu/job/chemistry. Candidates unable to apply electronically may submit curriculum vitae, publication list, a description of proposed research, and three letters of recommendation to: Chair of the Chemistry Search Committee, M/C 164-30, California Institute of Technology, Pasadena, CA 91125. Applications should be received by October 7, 2014.

Weill Cornell Medical College

Faculty and Postdoctoral Positions in Molecular Imaging Innovations Institute

The Molecular Imaging Innovations Institute (MII) in the Department of Radiology at Weill Cornell Medical College, located in New York City, is seeking highly motivated applicants to join our newly established institute, which is located in the brand new state-of-the-art Belfer Research Building. MII is committed to becoming an internationally recognized institute of excellence in the discovery and development of new molecular imaging agents, and strategies for use in basic and translational research as well as in clinical care. Scientists will have access to on-site imaging systems for animal and human studies, including MRI, PET, SPECT, CT, optical and ultrasound.

Faculty positions: Experienced scientists with a PhD and/or MD degree in developing multimodality imaging strategies are encouraged to apply. Junior candidates must possess at least three years of postdoctoral experience and have publications in high impact journals. Candidates must also demonstrate the ability, or potential, to acquire external research funding. Senior positions will be considered commensurate with experience and track record of extramural funding and publications.

Postdoctoral Associate positions: The Molecular Imaging Innovations Institute seeks both chemists and biologists who are creative, motivated, and enjoy working independently as well as in a collaborative environment. Research experience in synthetic organic chemistry, medicinal chemistry, fluorescence chemistry, photodynamic therapy, peptide, liposome, nanotechnology, radiochemistry, drug delivery, immunology, stem cells or animal models are preferred, although other areas may also be considered. Applicants must have obtained a doctoral degree and possess both excellent oral and writing skills.

Qualified applicants for either position should respond by sending or emailing a letter of interest and including the following as attachments: research interests, CV, and three references to: Dr. Ching Tung, Director of Molecular Imaging Innovations Institute, Department of Radiology, Weill Cornell Medical College, 413 East 69th Street, Mailbox 290 New York, NY 10021; Email at M13@med.cornell.edu. Evaluation of applications will begin immediately and continue until the positions are filled.

Weill Cornell Medical College is an employer and educator recognized for valuing AA/EEO/M/F/Protected Veterans, and Individuals with Disabilities.
Tenure-Track Faculty Position
Department of Microbiology and Physiological Systems

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

Review of applications will begin on October 1, 2014 and continue until the position is filled.

Applicants should submit a letter explaining their interest in the Department, a curriculum vitae that includes honors and publications, and a succinct research plan to https://academicjobsonline.org/ajo/jobs/4663. To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload recommendation letters at the same web address.

UMass Medical School is committed to being an equal opportunity and affirmative action employer and recognizes the power of a diverse community.

We encourage applications from protected veterans, individuals with disabilities and those with varied experiences, perspectives and backgrounds to consider UMass Medical School as their employer of choice.

Assistant Professor

The Department of Mechanical and Aerospace Engineering (MAE) at Princeton University is conducting a broad search for two (2) tenure-track assistant professors. We welcome applications from all areas in mechanical and aerospace engineering, including but not limited to the fields of robotics, lightweight structures, nonlinear mechanics, engineering systems, propulsion, and energy systems and efficiency. Applicants must hold a Ph.D. in Engineering, Materials Science, Physics, or a related subject, and have a demonstrated record of excellence in research with the potential to establish an independent research program. We seek faculty members who will create a climate that embraces excellence and diversity, with a strong commitment to teaching and mentoring.

Princeton’s MAE department has a long history of leadership in its core areas of Applied Physics, Dynamics and Controls, Fluid Mechanics, Materials Science, and Propulsion and Energy Sciences, with additional strength in cross-disciplinary efforts impacting areas such as biology, the environment, security, and space. We seek creative and enthusiastic candidates with the background and skills to build upon and complement our existing departmental strengths and those who can lead the department into new and exciting research areas in the future.

To ensure full consideration, applications should be received by December 1, 2014. Applicants should submit a curriculum vitae, including a list of publications and presentations, a 3-5 page summary of research accomplishments and future plans, a 1-2 page teaching statement, and contact information for at least three references online at http://jobs.princeton.edu, requisition number 1400675. Personal statements that summarize leadership experience and contributions to diversity are encouraged.

Princeton University is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. We welcome applications from members of all underrepresented groups. This position is subject to the University’s background check policy.

Tenure-Track Position in Biology

The Department of Biology at University of Pennsylvania invites applicants for a tenure-track position in Neuroscience using state-of-the-art cellular or molecular genetic techniques to investigate the neural circuitry underlying complex behavior. All types of behaviors and animal models will be considered, with a special interest in behaviors that include a social, interactive component. The appointment is anticipated at the level of Assistant Professor, but exceptional senior candidates will be given serious consideration.

Penn’s Department of Biology has a long-standing tradition of maintaining an integrated research and educational program across all basic biological sciences, including Molecular and Cellular Biology, Neuroscience, Genomics, Ecology and Evolution, and Plant Sciences. The Department values interdisciplinary research, collaboration, and collegiality, with a vision that emphasizes “Life in its Natural Context.”

Candidates are expected to have demonstrated excellence and productivity in research, and to participate in undergraduate and graduate teaching. Interested candidates should submit materials online at http://facultysearches provost.upenn.edu/postings/321 and include a curriculum vitae, concise statements of research and teaching interests, a short annotated description of up to five publications with the most impact and/or creativity, and the names with contact information of at least three referees whom we will contact for an appraisal. Review of applicants will begin November 1, 2014 and continue until the position is filled.

The Department of Biology is strongly committed to Penn’s Action Plan for Faculty Diversity and Excellence and to creating a more diverse faculty (for more information see: http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html). The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.

Faculty Position in Biochemistry, Molecular Biology, and Genetics

The Department of Biochemistry and Molecular Biology at the Penn State University College of Medicine is expanding under the new leadership of Dr. James R. Broach. The Department invites applications from outstanding scientists with Ph.D., M.D., or equivalent degrees for a full-time tenure-track position. We seek candidates at the Assistant Professor level who have an active highly competitive independent research program or who show a strong potential to develop such a program. We are looking for candidates in the areas of molecular biology, genetics, epigenetics, and/or genomics. Candidates will have the opportunity to participate in Penn State’s medical genomics program through the new Institute for Personalized Medicine.

For additional information, please visit the following website:

http://www2.med.psu.edu/biochemistry/

Applicants should submit a curriculum vitae and a brief statement of research plans to www.psu.edu/job, position # and arrange for three letters of reference to be sent to Faculty Search Committee, biochem_apply@hmc.psu.edu or to Department of Biochemistry and Molecular Biology H171, Penn State University College of Medicine, Hershey PA 17033. Application should be received prior to November 15, 2014.

Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.
Faculty Positions in the Center for Autophagy Research

The Center for Autophagy Research at the University of Texas Southwestern (UTSW) Medical Center is a newly created Center designed to foster a collaborative interdisciplinary environment for promoting cutting-edge research in the field of autophagy. The Center is seeking new faculty members at the Assistant Professor (tenure track) level. Faculty will be expected to develop state-of-the-art, innovative independent research programs related to the biochemistry, structural biology, cell biology, genetics, pharmacology, developmental biology or physiological/pathophysiological roles of autophagy. Excellent opportunities exist for collaborations with faculty members in basic science and clinical Departments at UTSW. UTSW is an outstanding scientific environment with established strengths in structural biology, biochemistry, cell biology, microbiology, molecular biology, genetics, and numerous other areas. The positions offer attractive start-up packages and laboratory space. Candidates should have an M.D. and/or a Ph.D. degree with at least 3-4 years of postdoctoral experience and an outstanding publication record.

To apply, submit a C.V., three letters of reference, and a description of research interests to:

Dr. Beth Levine, Director
Center for Autophagy Research
UT Southwestern Medical Center
5323 Harry Hines Blvd,
Dallas, TX 75390-9113
E-mail: Haley.Harrington@UTSouthwestern.edu

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

Assistant Professorship non-tenure track (3 + 3 years) with a focus on Tumor Genomics within the University Research Priority Program «Translational Cancer Research»

We seek a scientist or physician scientist in the field of tumor genomics and bioinformatics with a documented excellent international track-record and the capacity to build a dynamic and integrative research program. The successful candidate will have a strong interest and background in interdisciplinary cancer research and in linking basic and clinical research, and ideally combines computational and experimental approaches. Experience and demonstrated excellence in one or more of the following research areas is desirable: assembly and mining of large datasets, whole genome sequence analyses, functional cancer genomics, network analyses, translational cancer research. Applicants for this function must hold a Ph.D, MD or equivalent degree in the life sciences and should have three or more years of relevant postgraduate research experience; clinical duties are not associated with this position.

The Assistant Professor will be affiliated with the Medical Faculty and with the Faculty of Science of the University of Zurich, and will be part of the Cancer Network Zurich, the Cancer Biology PhD program and the above-mentioned URPP. We offer a competitive start-up package, salary and laboratory space at the research campus of the University of Zurich.

Our URPP aims to connect basic, translational and clinical cancer research and consists of a consortium of 11 principal investigators, who are leaders in the field of cancer research (www.cancer.uzh.ch). The University of Zurich is an equal opportunities employer.

Please submit your application (in duplicate plus one CD) by October 31st 2014 to the Dean's Office, Faculty of Medicine, Pestalozzistrasse 3-5, CH-8091 Zurich. For further information, please contact the President of the Search Committee, Prof. Dr. Anne Müller, e-mail: mueller@imcr.uzh.ch.

The application should be prepared according to the «Instructions for the submission of applications at the Faculty of Medicine, University of Zurich»: see http://www.med.uzh.ch/FormulareundRichtlinien/Bewerbung.html
Faculty Position in Development Biology
Department of Biological Sciences

We invite applicants for a tenure-track faculty position in Developmental Biology. We welcome colleagues whose research activities will complement our existing focus areas in neurosenory systems, neurodegeneration, cancer and other diseases, epigenetics or pathogenesis. Potential model systems of interest are mouse, zebrafish, fruit fly or stem cells to study development and disease. The successful applicant is expected to address fundamental questions in developmental biology using varied experimental approaches such as advanced imaging, biochemistry, genomics, genetics and/or gene transfer for translational studies. The position requires teaching graduate and undergraduate courses, mentoring research students and contributing to the mission of the department.

Applicants must have a Ph.D. in Biological Sciences or related discipline and at least 2 years of postdoctoral experience. We expect to fill academic year appointments at the Assistant Professor level, but appointments at the Associate level will be considered.

The Department has over 50 faculty conducting research in a wide range of fields (www.bio.purdue.edu/). We are committed to the success of all new faculty: we assign faculty mentors and offer competitive startup packages. Opportunities abound to use advanced research facilities across campus, such as the Bindley Bioscience Center (www.purdue.edu/discoverypark/bioscience/). Applications must be submitted electronically to http://hiring.science.purdue.edu as a PDF with a detailed curriculum vitae, contact information for three referees, a 2-3 page summary of research interests and a teaching statement. A clear description of your major research accomplishments and future plans is more valuable for our evaluation than the impact factors of the journals in which you have published. Direct inquiries to search@bio.purdue.edu. Review of applications will begin October 1, 2014 and continue until the position is filled. A background check will be required for employment in this position. Purdue University, West Lafayette, IN is a dual career friendly employer.

Purdue University is an EEO/AA Employer. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.

2014 Annual
Top Employers in Biotech & Pharma

For recruitment in science, there’s only one

Special Career Feature: October 17
Ads accepted until October 10 if space is still available.

Who is No. 1 this year?
Science publishes the results of its 13th annual Top Employers Survey on October 17.

Recruit or brand your organization and reach both ACTIVE and PASSIVE job seekers.
Here’s how:

- Scientists in the biotech/pharma community eagerly anticipate the results of this survey every year.
- Your association with this issue tells prospective recruits that you are among the best. Reach the scientists that your competitors are reaching and promote your advantages.

To book your ad:
advertise@sciencenow.com

THE AMERICAS
202 326 6582
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CHINA/ KOREA/ SINGAPORE/ TAIWAN
+86 186 0082 9345

From the journal Science
ScienceCareers.org

Wayne State University
Tenured/Tenure Track Faculty Position in Biological Sciences

The Department of Biological Sciences at Wayne State University (http://www.clas.wayne.edu/biology/) is searching for one tenure-track faculty member specializing in systems biology or microbiology. Rank is open depending upon qualifications. The systems biologist may work at the molecular, cellular, organismal or community level in areas complementing the department’s existing strengths in development, neurobiology, transcription, evolution or ecology. Areas of interest in microbiology include, but are not limited to, bacteriology, virology, immunology, host-pathogen interactions, environmental microbiology or infectious disease processes.

Wayne State University is a large, comprehensive, nationally ranked research institution that offers state-of-the-art research facilities and highly competitive start-up packages. The metropolitan Detroit area offers a rich cultural and educational environment, an excellent standard of living, and easy proximity to Michigan’s lakes, forests and recreational sites. Applicants must have a Ph.D. degree, postdoctoral experience and an outstanding record of research achievement. Successful applicants are expected to establish and maintain vigorous, externally funded research programs and to participate in graduate and undergraduate education. Please apply on-line at jobs.wayne.edu. In addition to the online application that includes cover letter and curriculum vitae, applicants must submit a 2-page statement of their research plans and have three letters of reference sent directly to the Faculty Search Committee: ads348@wayne.edu.

Please apply by November 15, 2014 for full consideration. Applications will be considered only when all materials have been received.

Wayne State University is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are especially encouraged to apply.

University of Michigan
Ecology or Evolutionary Biology of Fishes or Birds

The Department of Ecology and Evolutionary Biology (www.lsa.umich.edu/eeb) and the Program in the Environment (www.lsa.umich.edu/pite) at the University of Michigan seek applicants for an assistant professor (tenure-track) position in the ecology or evolutionary biology of fishes or birds. While we expect to make a junior hire, outstanding senior applicants will also be considered. This is a university-year appointment with an expected start date of September 1, 2015. We seek outstanding individuals who use comparative fish or bird systems to study any area of ecology or evolutionary biology, and who would offer exceptional courses in the ecology or evolution of either taxon. Also strongly encouraged are research programs that could take advantage of the world-class biodiversity collections of the Museum of Zoology and or utilize the EEB Department’s biological field stations. Museum curatorial activities may replace some teaching duties for appropriate candidates.

To apply, use this link - www.resources-eeb.lsa.umich.edu/search4 - and arrange to have three letters of recommendation submitted through the same website. Review of applications will begin on November 3rd 2014 and will continue until the position is filled.

Women and minorities are strongly encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.
Faculty Position
Eukaryotic Cell Biology
Department of Biology

As part of a long-term strategy to enhance strengths in Cell Biology, the Department of Biology is searching to hire a full-time (9-month) Assistant Professor (Job class 0116) for a tenure-track faculty position in eukaryotic cell biology. We seek candidates who integrate perspectives from multiple disciplines, use quantitative approaches, and appreciate the breadth of research encompassed within the Department. We are especially interested in candidates using experimentally tractable plant, animal or protist systems to investigate fields including but not limited to cell homeostasis, signaling, polarity, proliferation, motility, membrane trafficking, interactions between cells and their environments, developmental cell biology, and evolutionary cell biology.

We are looking for individuals with a record of outstanding achievement or strong indications of outstanding future potential. Priority will be given to applications received by 3 November 2014 at: http://www.biology.washington.edu/faculty/search/. Applicants must have earned a doctorate by the date of appointment. All University of Washington faculty engage in teaching, research, and service.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to, among other things, race, religion, color, national origin, sex, age, status as protected veterans, or status as qualified individuals with disabilities. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University is the 2006 recipient of the Alfred P. Sloan award for Faculty Career Flexibility, and is committed to supporting the work-life balance of its faculty. Our NSF-supported ADVANCE program http://advance.washington.edu/ is dedicated to increasing the participation of women in STEM disciplines.

Assistant/Associate/Full Professor
Small fruit or vegetable genomics/breeder
100% Research 12 month, tenure track

Location: Plants for Human Health Institute
North Carolina State University
Kannapolis, North Carolina 28081

Position Available: March 1, 2015

Qualifications:
Ph.D. degree in an appropriate field of study and documented background in plant breeding, molecular genetics and/or applied genomics. This position will contribute research that will target the health-promoting, phytoactive compounds inherent in small fruits and berries, and/or vegetable produce, and investigate strategies for selecting for, concentrating and preserving these phytochemicals. It is essential that the incumbent conduct team-oriented, transdisciplinary research, exhibit exceptional leadership abilities, and demonstrate effective written and verbal communication skills. Postdoctoral experience is preferred.

Responsibilities:
The successful candidate’s research will focus on genomics, genomics, germplasm improvement and breeding of small fruits (strawberries, blackberries, raspberries, blueberries, etc.) and/or vegetable crops. Expertise in ploidy manipulation and interspecific hybridization is desirable. The faculty member is expected to lead a genomics program in small fruits and/or vegetables. The incumbent will lead an active varietal breeding program that includes a strong field component. The successful candidate will be expected to interface and collaborate with PHHI team scientists who specialize in phytochemical characterization, pharmacogenomics, genomics, metabolomics, systems biology, and post-harvest physiology. Advising and mentoring of graduate students is expected. Candidate will be placed in an appropriate home department in the College of Agriculture and Life Sciences (CALS) at NCSU depending on interests and expertise. The successful candidate will be expected to collaborate with other academic partners (8 universities located on the NCRC) as well as extension professionals.

Application:
Applicants should apply online at https://jobs.ncsu.edu/postings/41985 by Nov 15, 2014.

WISCONSIN UNIVERSITY OF WISCONSIN

Faculty Positions in Biodesign and Biocatalysis

Breakthroughs in systems biology, computational biology, and synthetic biology coupled with advances in genomics and rational design have opened dramatic opportunities to create microbes and plants for sustainable bioenergy production and other applications. Similarly, new approaches to the design of biological, bio-inspired, and chemical catalytic systems promise low-cost, renewable, and sustainable catalysts with applications to biofuels, chemicals, and societal needs. To promote scientific advances in these areas and as part of a commitment to improve and diversify how energy is provided for human needs, UW-Madison in association with the Wisconsin Energy Institute invites applications for new faculty of any rank to develop significant research programs in biodesign or biocatalysis. Applicants with experience or interest in cross-disciplinary research and collaboration as well as teaching and mentoring will be especially competitive.

Anticipated tenure and research program homes include:
• Bacteriology and Biochemistry
• Biological and Chemical Engineering
• Chemistry
• Other relevant UW departments

Applicants with a PhD and strong record of achievement should apply by sending a single pdf containing a cover letter referencing pv1 80828, a curriculum vitae with summary of research accomplishments, and a statement of future research program and teaching interests to facultysearch@energy.wisc.edu. Applicants should arrange for letters of recommendation from three references to be sent to the same address. For full consideration, applications should be submitted by December 1, 2014.

The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply.
Hunting for Talents
NUAA, Jiangsu, China

Nanjing University of Aeronautics and Astronautics (NUAA) is a research-oriented national key university of “211 Project”. It also enjoys a well-balanced development of multiple disciplines in engineering, technology, natural sciences, economy, management and social sciences with the characteristics of aeronautics, astronautics and civil aviation. NUAA is qualified to be “Domestic Discipline Innovation Platform of 985 Project” and to independently recruit and receive international students who are granted the Chinese Government Scholarship. Now NUAA consists of 16 colleges with more than 3,000 staff members and approximately 26,000 degree students.

Academia and education at NUAA represent strong capacity among all the universities in China. It has acquired national status through the quality of its excellence research work, especially in the areas of Aerospace Engineering, Mechanics, Electromechanics, Economy and Management, etc.

NUAA gives a warm welcome to excellent experts, scholars and young students from both home and abroad, who are willing to serve the country, dedicate themselves to the development of aerospace science and make contributions to the industrialization, information technology of China. NUAA will provide teachers and researchers with a good academic environment, satisfactory working and living conditions and a stage on which they can put their talents to good use.

Contacts
Ms. Zhao Haiyan, Mr. Cao Yunxing
Personnel Division, NUAA
Address: 29# Yudao St. Nanjing, Jiangsu Province, Postcode: 210016
Tel: +86-25-84892461
Fax: +86-25-84895923
Email: zhaohaiyan@nuaa.edu.cn
Web: http://www.nuaa.edu.cn/nuaanew http://rsc.nuaa.edu.cn

Faculty Positions Available at The IAS and The MRI, Wuhan University, Wuhan, China

Two newly founded institutes at Wuhan University in China, the Institute for Advanced Studies (IAS) and the Medical Research Institute (MRI), cordially invite applications for ~50 each, open-rank faculty positions in Biology, Chemistry, Physics, Material Sciences, and Medical Sciences.

All applicants must have a Ph. D or MD and a successful postdoctoral experience. Successful candidates will be expected to establish an active research program in relevant disciplines. We offer internationally competitive recruitment packages.

The applicants should submit, electronically, a full CV, a research statement and contact information of three referees in a single PDF file to wdggyy@whu.edu.cn (for IAS positions) or shuoffice@whu.edu.cn (for MRI positions).

Applications that apply for both institutes at the same time will not be accepted and further processed.

http://hr.whu.edu.cn/
Hiring Professors at All Ranks at South University of Science and Technology (SUSTC) Shenzhen, China

The South University of Science and Technology (SUSTC) invites applications and nominations for all ranks of tenured and tenure-track faculty members in the Division of Science, Division of Engineering and Division of Management & Finance.

SUSTC, officially established in April 2012, is a public institution funded by the municipal of Shenzhen, a special economic zone city in southern China. The University is accredited by the Ministry of Education, China and is a pioneer in higher education reform in China. Set on five hundred acres of wooded landscape in the picturesque Nanshan (South Mountain) area, the new campus offers an idyllic environment suitable for learning and scholarship. SUSTC engages in basic and problem-solving research of lasting impact to benefit society and mankind.

The Division of Science, Division of Engineering, and the Division of Management & Finance wish to hire faculty members at all ranks. Key areas include but not limited to: Neural and Cognitive Sciences, Biology and Gene Engineering, Modern Physics, Control and Modification of Materials, Nanoscience and Nanotechnology, Mathematics and Applied Mathematics, Molecular Chemistry and Catalysis, Large-Scale Computational Research, Robotics and Artificial Intelligence, Information Systems and Electronic Engineering, Modern Cities and Future Developments, Energy Sciences and Technology, Environmental Sciences, Financial Mathematics and Management Sciences. The Divisions especially encourage research that requires a multi-disciplinary approach. Experienced researchers whose interests do not fall within the above areas are invited to suggest new areas of research. Cluster hiring is possible, with senior members accompanied by junior members in a group.

The teaching language at SUSTC is English or Putonghua. The choice is made by the instructor. As we expect an international faculty, the majority of teaching materials and reference books will be in English and many classes will be conducted in English. With a very high faculty-to-student ratio, SUSTC is committed to delivering a student-centered education and encourages students to develop their innovative spirits. Students at junior and senior years are expected to participate in research in the Research Centers.

The University offers competitive salaries, fringe benefits including medical insurance, retirement and housing subsidy. Leading Professors, Chair Professors and Professors will be appointed with tenure. Associate Professors and Assistant Professors will be offered tenure-track contracts.

Please visit our website to apply: http://talent.sustc.edu.cn/en/. All applications should include a CV and a detailed list of publications with Research ID. Those interested in cluster hiring should send CVs and publication lists with Research ID as a group. Evaluations will commence immediately and appointments will be made on a continuous basis. Additional information on SUSTC is available on the University homepage http://www.sustc.edu.cn.

Qualified applicants are also encouraged to apply for the Recruitment Program of Global Expert (“Thousand Talents Program”) through SUSTC. Successful applicants will get extra research fund and living allowance from the government. Additional information is available through email inquiry or http://talent.sustc.edu.cn/.

If you have any questions, please feel free to contact us at hiring@sustc.edu.cn.
ASSOCIATE OR FULL PROFESSOR
NCI designated Sidney Kimmel Cancer Center
Prostate Cancer Program Thomas Jefferson University

Applications are invited for a tenure-track appointment as either an Associate or full Professor in the Prostate Program of the NCI-designated Sidney Kimmel Cancer Center at the Thomas Jefferson University. Cancer Center members within the Prostate Program have diverse research interests that include molecular genetics and cell signaling, chromatin and gene regulation, hormone action, metastasis, DNA damage and repair, radiation oncology, medical oncology, and surgical oncology.

The Prostate Program seeks accomplished scientists or physician scientists (Ph.D., M.D., or M.D.-Ph.D.) with well-established, innovative research programs associated with current clinical challenges in prostate cancer management. For exceptional candidates, leadership opportunities will be considered. Professorships are supported by external grants that offer opportunities for a tenure-track position in Complex Systems, with a focus on research problems in the behavioral and social sciences. The position is in collaboration with the Department of Behavioral and Social Sciences. Requirements include an earned doctorate in computer science, mathematics, or a related discipline, proven record of scholarly activities, and qualifications to teach both undergraduate and graduate courses in their home department. The full job description and online application can be found at website: http://www.cems.uvm.edu/facsearch/csys.php. The first review of applications will occur on December 15, 2014. UVM is an Equal Opportunity/Equal Access/Affirmative Action Employer and conducts background checks on all final candidates.

FACULTY POSITION in Complex Systems
College of Engineering & Mathematical Sciences
The University of Vermont (UVM) the College of Engineering and Mathematical Sciences invites applications for a tenure-track faculty position in Complex Systems, with a focus on research problems in the behavioral and social sciences. The position is in collaboration with the Department of Behavioral and Social Sciences. Requirements include an earned doctorate in computer science, mathematics, or a related discipline, a proven record of scholarly activities, and qualifications to teach both undergraduate and graduate courses in their home department. The full job description and online application can be found at website: http://www.cems.uvm.edu/facsearch/csys.php. The first review of applications will occur on December 15, 2014. UVM is an Equal Opportunity/Equal Access/Affirmative Action Employer and conducts background checks on all final candidates.

POSTDOCTORAL OPPORTUNITIES

POSTDOCTORAL FELLOWSHIPS
Postdoctoral fellowships are available to pursue research supported by NIH grants including the Center of Excellence for Complementary and Alternative Medicine on Autoimmune and Inflammatory Diseases (website: http://camcenter.med.sc.edu/). Studies are aimed at examining the effects of plant products such as resveratrol, indoles, and cannabinoids on inflammation, autoimmunity, and cancer. Ph.D. in a relevant area is required. Experience required in extraction of plant products, isolation, and characterization of bioactive compounds or omics/microbiome technology. Send curriculum vitae to Dr. Mitzi Nagarkatti, Carolina Distinguished Professor and Chair, Department of Pathology, Microbiology and Immunology, University of South Carolina School of Medicine, Columbia, SC 29229 or e-mail: postdocmedchem@uscmed.sc.edu. USC Columbia is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.

NEUROSCIENCE FACULTY POSITION
Fordham University

We are accepting applications for a tenure-track position at the ASSISTANT/ASSOCIATE PROFESSOR level in the Biology Department. She or he will have an outstanding research program and publication record. Commitment to excellence in teaching and mentoring is required. The recruit will be expected to cover the area of cellular-molecular neuroscience in research and teaching, and contribute to the new interdisciplinary Integrative Neuroscience major and the Department’s expanding graduate M.S. and Ph.D. programs. She or he is expected to establish (for Assistant level) or continue (for Associate level) a research program supported by external grants that offers opportunities for mentored research by graduate and undergraduate students. The Department provides excellent research facilities, startup funds, and competitive salaries and benefits. Applicants should electronically send one PDF application file containing a cover letter, curriculum vitae, contact information for three references, research and teaching statements, and three reprints to e-mail: jdlewis@fordham.edu. Address the cover letter to: Dr. J.D. Lewis, Chair, Department of Biological Sciences, Fordham University, Bronx, NY 10458. Review of applications will begin October 15, 2014. Fordham University is an independent, Catholic university in the Jesuit tradition that welcomes applications from men and women of all backgrounds. Fordham University is committed to excellence through diversity and welcomes candidates of all backgrounds; it is an Equal Opportunity Employer.

COMPUTATIONAL BIOLOGY
FACULTY POSITIONS
School of Computer Science
Carnegie Mellon University

We seek outstanding researchers who are developing computational methods in all areas of biology for tenure-track and research-track positions at all levels in the Lane Center for Computational Biology (website: http://lanc.compbio.cmu.edu), a department within our School of Computer Science. Appointments will be made either entirely in the Lane Center or jointly with other departments in the university, as appropriate to the background and interests of the candidate. We especially seek candidates working in biological and medical imaging, genomics, and those using advanced machine learning methods to analyze measurements of complex phenomena. For further information, see website: http://lanc.compbio.cmu.edu/positions-available. Carnegie Mellon is an Equal Employment Opportunity/Affirmative Action Employer—Minorities/Females/Persons with Disability/Veteran.
Institut Pasteur

Creation of new research groups at Institut Pasteur

The Institut Pasteur has launched an international call for candidates wishing to establish new independent research groups in the cutting edge interdisciplinary environment of its campus in Paris, France. The Institut Pasteur is a non-profit private foundation dedicated to fundamental, interdisciplinary research and to the translation of the knowledge to medicine and public health. Topics of interest include microbiology (bacteria, viruses, parasites and fungi) and infectious diseases, immunology, developmental biology and stem cells, neuroscience, genomics, genetics and cancer.

The Institut Pasteur is now initiating a new recruitment campaign, with attractive packages for junior and mid-career scientists. Senior investigator candidates are also welcome to apply.

Successful junior candidates will be appointed with a permanent position, and as head of a group of 6 people. These groups will be created for a period of 5 years and may thereafter compete for a full research group.

Successful mid-career and senior candidates will be appointed with a permanent position, and as head of a research group of 8 to 15 people. The groups will be created for 10 years (mid-term evaluation at 5 years) with the possibility of renewal.

Highly attractive packages to match the experience of the candidate will be provided, including institutional salaries (Principal investigator, permanent scientists, technician, secretary, post-doctoral fellows), a substantial contribution to running costs and equipment, access to on campus state-of-the-art technology core facilities, as well as support for relocation expenses and administrative issues.

We request a Letter of Intent (LOI) in advance of submitting a full grant application. The template can be downloaded from the Institut Pasteur website:

http://www.pasteur.fr/recherche/cfp2015_loi.doc

A pdf copy of the LOI should be electronically submitted to CFP2015@pasteur.fr no later than Friday, November 28, 2014 by 5:00 pm (Central European Time).

Shortlisted applicants will be notified by e-mail by mid-January 2015.

A complete application will be requested and due for submission by the end of February 2015. Applicants will be invited for interview to take place in mid-April 2015. The final ranking will be established by the Pasteur Scientific Council during its June 2015 session.

Contacts:
Practical aspects: CFP2015@pasteur.fr
Scientific aspects: alain.israel@pasteur.fr

1 Institut Pasteur is an equal opportunity employer. Junior group leaders should be less than 8 years after PhD at the time of their LOI submission. Women are eligible up to 11 years after their PhD if they have one child, and up to 14 years after their PhD if they have two or more children.

Monterey Bay Aquarium Research Institute

2015 POSTDOCTORAL FELLOWSHIP PROGRAM

Applications for the postdoctoral fellowship program at the Monterey Bay Aquarium Research Institute (MBARI) are currently being accepted. MBARI is dedicated to the development of state-of-the-art instrumentation, systems, and methods for scientific research in the oceans. Ongoing programs in marine robotics, ocean physics, chemistry, geology, and biology as well as information management and ocean instrumentation research and development exist at MBARI. Located in Moss Landing, California at the head of Monterey Canyon, MBARI enjoys convenient access to diverse oceanographic environments. The institute operates research vessels equipped with remotely operated vehicles, autonomous underwater vehicles, and diverse oceanographic equipment. In addition, MBARI operates the MARS seafloor cabled observatory. MBARI is a non-profit oceanographic research institute supported by the David and Lucile Packard Foundation.

Offers will be made to candidates from the fields of biological, chemical, and physical oceanography; marine geology; and ocean engineering. Candidates must be awarded the Ph.D. degree prior to commencing the two-year appointment and start during the 2015 calendar year. Applicants are encouraged to communicate with potential research sponsors at MBARI for guidance on project feasibility, relevance to ongoing research projects, and resource availability (http://www.mbari.org/about/postdoc_mentors.htm).

Application deadline: Wednesday, December 10, 2014

Selected candidates will be contacted in early March 2015.

Application requirements:
1. Curriculum vitae
2. At least three professional letters of recommendation
3. Succinct statement of the applicant’s doctoral research
4. Potential research goals at MBARI
5. Supplemental information online form (http://www.mbari.org/oej/jobs/forms/postdoc_form_2015.html)

Address your application materials to:
MBARI, Human Resources Job code: Postdocs-2015
7700 Sandholdt Road, Moss Landing, CA 95039-9644

Submit by e-mail to: jobs_postdocs@mbari.org (preferred), by mail, or fax to (831) 775-1620.

MBARI is an equal opportunity and affirmative action employer. MBARI considers all applicants for employment without regard to race, color, religion, sex, national origin, age, disability, or covered veteran status in accordance with applicable federal, state, and local laws. Competitive compensation and benefits package.