

· 全球招聘新闻 ·


 博士后
[美国] Ithaca College

Ithaca College invites applications for a postdoctoral fellowship in the area of asteroid research related to the OSIRIS-REx mission, part of the NASA New Frontiers exploration program. The Fellow will carry out research with a faculty member in their area of specialization. The Postdoctoral Fellow will work closely with faculty, receiving mentorship in research in preparation for a future independent career. The successful candidate will assist with all aspects of asteroid astronomy research in support of the OSIRIS-REx mission including project management, schedule and activity reports, optimization of measurement strategies, analysis of data, integration of data sets, presentation of results, travel to conferences, close editing of scientific manuscripts, etc. Candidate should be self-motivated, and must have a PhD in physics, astronomy, or a related field. A strong background in the physics of measurements made at different wavelength regions of the electromagnetic spectrum is essential. Experience with computer programming required, preferably with IDL. Of particular interest are applicants with expertise in planetary imaging technologies. Experience with planetary data analysis, including statistical methods is advantageous. Applicants must complete an on-line application at www.icjobs.org and submit a letter of application, a curriculum vita, a brief summary of research experience, and a scanned copy of your transcript (highest degree). In addition, two letters of recommendation should be sent to: physics@ithaca.edu. (源于 *Physics Today Job* [2012-06-20])


 博士后
[美国] Carnegie Institution of
Washington

Geophysical Laboratory, Carnegie Institution of Washington are immediately seeking a highly motivated postdoctoral researcher to participate in developing and applying new ultrafast laser techniques. These techniques are for study of electronic, magnetic, and vibrational excitations in materials at extreme conditions of pressure and temperature with the aim of elucidating the nature of collective phenomena in condensed matter such as superconductivity, magnetism, and electronic correlations. Minimum Qualifications: PhD in Physics, Material Science, & Chemistry. Required Qualifications: Nonlinear optics, fast lasers, and optical spectroscopy. Required Documents: Cover letter; Resume or curriculum vitae; Statement of research interests; Contact information (minimum of 3 references); Self-Identification form. Please go to the Carnegie Institution website: [https://hr.carnegiescience.edu/node/add/self-id-form/1377?destination=jobs%2F\[field_job_req-raw\]-11](https://hr.carnegiescience.edu/node/add/self-id-form/1377?destination=jobs%2F[field_job_req-raw]-11). (源于 *Physics Today Job* [2012-06-21])


 博士后
[美国] Brookhaven National
Laboratory

Brookhaven National Laboratory opens a postdoctoral position in the Soft Bio-Nanomaterials group at the Center for Functional Nanomaterials to develop self-assembled hybrid organic/inorganic nanostructures with controlled optoelectronic properties for solar energy applications and to study their behavior in situ. This position involves self-assembly of organic and inorganic materials, optical characterization with advanced time-resolved microscopy, and structural characterization with methods like TEM, SEM, AFM. Prospective applicants are expected to have a PhD in materials science, physics, chemistry or related field, background in at least one of the following fields: polymers, nanomaterials, self-assembly of organic/inorganic materials, polymer-based device fabrication and characterization and extensive experience in some of the laboratory methods described above. Under the direction of **M. Cotlet** (cotlet@bnl.gov), BNL Center for Functional Nanomaterials. To apply, please visit <http://www.bnl.gov/HR/careers/>, select "Search Job List," create an account, and apply to Job ID #16145. (源于 *Physics Today Job* [2012-06-21])


 博士后
[意大利] Istituto Italiano di
Tecnologia ITT

The Center for Genomic Science of IIT@SEMM (<http://genomics.iit.it>) open postdoctoral positions on Cancer Biology; microRNA biology; Drug Development; Computational Biology. The positions will be subject to Post-doctoral contracts and require a PhD degree with or without post-doctoral experience. Candidates should be proficient with the relevant methods and technologies. Applications should be E-mailed to positions_semm@iit.it and should include a CV, the E-mail addresses of 3 referees and a short statement on professional skills and interests (1 page max). Candidates should indicate in the title to which of the above position (s) they are applying, and should ask three referees to send their reference letters directly to the same E-mail address. (源于 *Science* [2012-06-22])


 博士后
[美国] University of Alabama, Birmingham

University of Alabama, Birmingham is now accepting applications from senior graduate students actively searching for postdoc positions! Successful applicants will have the opportunity to: hear from outstanding scientists in residence at UAB; interview with faculty who are recruiting postdocs meet informally with faculty and

current postdocs who share their research interests; present their dissertation work during a poster session; learn about postdoc training programs and career development opportunities at UAB. Travel expenses up to \$400, accommodations, meals, and entertainment will be provided to graduate students who are accepted to attend. Applications are due August 15, 2012. See the website www.uab.edu/postdocs for more details and application procedure. (源于 *Science* [2012-06-22])



Albany Medical Center

博士后

[美国] Albany Medical College

Albany Medical College are looking for an enthusiastic postdoctoral fellow to study the molecular mechanism of smooth muscle phenotypic modulation and development, particularly characterizing the biological functions of signaling pathways and transcription factors in smooth muscle cells. The candidate must hold a PhD degree in biomedical sciences along with evidence of first author papers published in international peer-reviewed journals. Basic training in histology and molecular biology is required. Experience in rodent models especially using apoE knockout mouse is a plus. Preference will be given to self-motivated candidates who will receive ample training opportunities for career development. Interested individuals should electronically send cover letter and curriculum vitae to **Dr. Jiliang Zhou at E-mail: zhoujl@mail.amc.edu, Center for Cardiovascular Sciences, Albany Medical College, Albany, NY 12208, USA.** (源于 *Science* [2012-06-22])



博士后

[美国] Broad Institute

Broad Institute open postdoctoral positions. The successful candidate will work directly with a group in the Stanley Center for Psychiatric Research to develop and apply methods to characterize the biophysics of ion channels that harbor genetic variations associated with psychiatric disorders. The research will also involve using genome-editing techniques to modify ion channels' genes and study the functional consequences of such genomic manipulation in different cellular contexts. The researcher will be responsible for communicating results to the scientific community through conference presentations and publications, and through the Broad Institute website. Experience with genomics desired. Characteristic Duties: Develop and implement electrophysiological protocols and assays to understand functional genetic variation; Interact and coordinate with collaborators as required; Publish scholarly reports and present at scientific conferences; Participate within a team of scientists to foster a culture of scientific discourse and excellence; Other related tasks as need: PhD (0-1 years post-grad) in Neuroscience, Cell biology or related field. Proficient in electrophysiological techniques including patch clamp. Experience with tissue culture is required; A quantitative background, such as

in ion channel kinetic modeling, is strongly desired; Must have outstanding personal initiative and communication skills; Must be able to work well on a team; A minimum two-year commitment.

www.broadinstitute.org/careers. (源于 *Science* [2012-06-22])



博士后

[美国] Virginia Polytechnic Institute and State University

Virginia Polytechnic Institute and State University opens position involving research in computational systems biology in T. M. Murali's group in the Department of Computer Science at Virginia Tech. The positions involve the development of network-based, machine learning, and data mining methods to analyze high-throughput systems biology datasets. The associate will have opportunities to collaborate with faculty in the Center for Systems Biology of Engineered Tissues, the Departments of Computer Science, Biological Sciences, Chemical Engineering, Biochemistry, and the Virginia Bioinformatics Institute. The positions involve close collaboration between computational and experimental scientists. These collaborations will facilitate the development of novel models and algorithms, harness these techniques to prioritize and perform new experiments, and use the resulting data in order to refine the computational approaches. The research is to be performed in the context of the following projects: (i) Connect top-down and bottom-up models of cellular regulatory networks; (ii) Predict protein signaling pathways that mediate inter-cellular signaling; (iii) Explore the effect of environmental chemicals on bioengineered tissues. Please see <http://bioinformatics.cs.vt.edu/~murali/post-doc-ad.html> for more information. (源于 *Science* [2012-06-25])



博士后

[美国] Temple University School of Medicine

Temple University School of Medicine opens postdoctoral position to investigate imprinted genes and their regulation during development in the mouse. The Fels Institute is a prestigious cancer research institute affiliated with the Temple University School of Medicine, with a strong focus in epigenetics. Applicants should have a PhD, a background in epigenetics, and proficiency in a range of cell/developmental biology, molecular, immunological and genomic techniques, including tissue culture, flow cytometry, microarrays, chromatin immunoprecipitation and DNA analysis software. Experience with mice is a requirement. Excellent oral and written English language skills are essential. Candidate should be highly motivated, creative, with strong work ethic and ability to work independently as well as in collaborative research efforts. Applicants must have at least 2 first author publications from his/her PhD training. The position will be filled for one year with possible second year renewal and salary will be commensurate with experience. Please submit application electronically with curriculum vitae,

statement of research interests, and the names/phone numbers/emails of three people who can provide letters of reference to: **Dr. Nora Engel, Fels Institute of Cancer Research and Molecular Biology, Temple School of Medicine, Philadelphia, PA, USA. E-mail: noraengel@temple.edu.** (源于 *Science* [2012-06-27])



博士后

[英国] University of Edinburgh

University of Edinburgh opens a post-doctoral position in Dr. Ken SawinTM's laboratory to study the molecular mechanisms of microtubule nucleation. The project will involve in vitro functional reconstitution and structural analysis of the fission yeast gamma-tubulin complex and the associated Mto1/2 complex, using purified/recombinant proteins and protein complexes. Applicants should have a PhD, or will shortly obtain a PhD, and a strong background in protein purification, as demonstrated by publications. Internal motivation, enthusiasm and communication skills are essential, as is the desire to learn new methods (e.g., single-molecule EM, mass spectrometry). A background in cytoskeleton and/or structural biology is helpful but not essential. Although the laboratory works primarily with fission yeast, a background in yeast cell biology or genetics is not important for this position. To apply, visit <http://www.jobs.ed.ac.uk> and enter vacancy reference number 3015902. Informal enquiries about the position and research in the laboratory can be made to ken.sawin@ed.ac.uk. But please note that any formal application must be made via the University website. Applications received after the deadline may or may not be considered. Further information about the Wellcome Trust Centre for Cell Biology can be found at <http://www.wcb.ed.ac.uk>. (源于 *Science* [2012-06-28])

THE ROCKEFELLER UNIVERSITY
Science for the benefit of humanity

博士后

[美国] Rockefeller University

Rockefeller University is accepting applications from outstanding research scientists for a 3-4 year postdoctoral fellowship in the field of Huntington's research and the establishment of solid molecular and biochemical knowledge on basic understanding of HD protein in the context of human embryonic stem cells. The successful candidate should hold a PhD, MD or MD/PhD degree in the field of Molecular, Cellular and/or Developmental Biology. Ideally, the candidate should be proficient on genomics, proteomics, biochemistry and mammalian cell culture techniques. This position is available immediately and requires a highly self-motivated individual with excellent verbal and written communication skills and great interpersonal skills. Salary is commensurate with experience. To apply, please submit CV, contact information for two to three references (including PhD advisor a current supervisor) and a short cover letter describing your background and research interests (not more than one page) to Dr. Inês Baptista at: ibaptista@rockefeller.edu. (源于 *Science* [2012-06-28])

博士后

Thunder Bay Regional
Research Institute

[美国] Thunder Bay Regional
Research Institute

Thunder Bay Regional Research Institute opens a post-doctoral position to work within a dynamic group of physicians, MR physicists, and engineers and will have access to a state-of-the-art Philips 3T MR scanner, equipped with multi-nuclear imaging and spectroscopy. The research will focus on hyperpolarized gas MR imaging and spectroscopy of the lungs and brain using hyperpolarized helium and xenon, and the development of other advanced MR techniques for this purpose. The candidate is expected to participate in both independent and collaborative projects. The ideal candidate is highly dedicated and organized, with strong communication skills and the ability to manage multiple projects and tasks in a fast-paced, diverse, and growing environment. A PhD in biomedical, electrical engineering, biophysics, or related areas as well as experience in MR research and knowledge of MR hardware is necessary. Prior research experience in MRI and MR pulse sequence development is desirable. Prior experience in HP gas MRI research is valuable. Interested applicants should send a cover letter describing their research interests and goals, CV and 3 letters of recommendations quoting job # TB-2 to **E-mail: albertmi@tbh.net.** (源于 *Physics Today Job* [2012-06-29])



University of Pittsburgh

助理教授

[美国] University of
Pittsburgh

University Of Pittsburgh School of Medicine seeks applications for research assistant professor in Critical Care Medicine. The faculty member will be based in the Safar Center for Resuscitation Research and will focus on investigations germane to pathobiology and treatment in resuscitation, neurotrauma, neurocritical care and other aspects of critical care medicine. The selected individual will be required to plan, direct, and execute complex studies in resuscitation science. Applicants must hold a Doctorate in a relevant area of research, have postdoctoral experience, and have a track record of investigation and publication in neuroprotection/cytoprotection or cellular/molecular neurobiology including in vitro and in vivo investigations. A record of successful extramural funding is desirable. Review of applications will begin on July 1, 2012 and will continue until the position is filled. Applicants should submit a statement of interest (up to three pages), curriculum vitae, and contact information for three references to: **Patrick M. Kochanek, MD., MCCM, Director, Safar Center for Resuscitation Research, Professor and Vice Chairman, Department of Critical Care Medicine, University of Pittsburgh School of Medicine, 3434 Fifth Avenue - Room 100, Hill Building, Pittsburgh, PA 15260, USA; telephone: 412-383-1900; fax: 412-624-0943; E-mail: kochanekpm@ccm.upmc.edu.** (源于 *Science* [2012-06-22])



助理教授
[美国] Montana State University

Montana State University invites applications for a tenure-track faculty position at the rank of assistant professor. The appointment will begin on January 1, 2013. They seek an exceptional teacher who will primarily teach lower-division classes in physics and astronomy, and make significant contributions to their undergraduate instructional program. The successful candidate will also mentor graduate students in teaching, and develop an independent research program that complements departmental research interests. Required: PhD in Physics or a closely related field; Demonstrated ability to successfully teach undergraduate physics courses; Evidence of potential to conduct independent research. To apply, submit: (1) A letter of application addressing all of the required and preferred qualifications (see listing at <http://www.montana.edu/jobs/faculty>); (2) A complete current curriculum vita, including description of teaching experience; (3) A statement of teaching philosophy; (4) A statement of research plans; (5) The names, addresses, telephone numbers and email addresses of 3 current professional references, to **Physics Teaching Search, Department of Physics, Montana State University, Bozeman, MT 59717-3840, USA** sbarutha@physics.montana.edu. (源于 *Physics Today Job* [2012-06-29])



助理教授/副教授
[美国] The University of Toledo, Ohio

The University of Toledo, College of Medicine (UTCOM) invites applications for a full-time assistant or associate professor tenure-track faculty position. They seek an outstanding candidate using molecular, cellular, or systems approaches to address fundamental questions relevant to the nervous system. Current areas of research center on nervous system plasticity and include synaptic function, trafficking, neuronal development, drug abuse, and neurodegeneration. Joint appointments are available in relevant clinical departments for candidates involved in translational research. In addition, UTCOM offers a collaborative academic environment with facilities in cellular and brain MR imaging. The position provides competitive salary (with health insurance and retirement benefits), start-up funds, and research space. Applicants must hold a PhD and/or MD degree, and have substantial postdoctoral training. The successful candidate is expected to have and maintain an extramurally funded research program, contribute to UTCOM teaching in Neurosciences, Microanatomy, or Gross Anatomy, and train graduate students in Neurosciences. Appointment level will be commensurate with experience and accomplishments in research and teaching. Applications should provide a CV, summary of research and teaching interests, statement of career goals, and the names and contact information of 3 references, being sent as a single PDF file to Dr. David Giovannucci (Search Committee Chair) at David.Giovannucci@utoledo.edu. (源于 *Science* [2012-06-26])



助理教授/副教授/教授
[美国] Southern Illinois University

Southern Illinois University's School of Medicine at Springfield invites applications for three tenure track faculty positions to join a supportive, interactive research environment within the MMICB (www.siumed.edu/mmi). Appointments will be at the rank of assistant, associate or full professor depending upon qualifications. For all three positions, they seek energetic scientists demonstrating strong commitments to teaching and research, collaborative potential, and an ability to bring novel expertise to the institution. Appointments are State-supported with competitive salaries and start up packages with modern laboratory facilities. Successful applicants will be expected to establish and maintain an independent, externally funded research programs and will contribute to both medical student and graduate education. Excellent written and verbal communication skills are required. Appointment at Associate or Full Professor levels will require current and sustained records of extramural research funding. Eligible candidates must possess PhD and/or MD degrees, and 3+ years of postdoctoral research training with strong publication records. Applicants should submit a letter of interest addressing the position to which they are applying. Include a CV with history of external funding, future research plans, statement of teaching interests and experience, and the names, addresses, telephone numbers and email addresses of at least 3 professional references in a single PDF to the email address below: **Dr. Donald S. Torry, Chair, MMICB Search Committee, c/o: tcasson@siumed.edu, P.O. Box 19626, Springfield, IL 62794-9626, USA.** (源于 *Science* [2012-06-22])

助理教授/副教授/教授
[美国] North Carolina State University



North Carolina State University is proud to announce its Chancellor's Faculty Excellence Program, a cluster hire program that marks the first major initiative of the university's 2011-2020 strategic plan, "The Pathway to the Future." Starting in 2012, NC State will hire 38 faculty in 12 research areas or "clusters" to promote interdisciplinary scholarship and the development of innovative curricula in emerging areas of strategic strength. The Department of Biology and the Department of Forestry and Environmental Resources are hiring a cluster of 3 faculty at any rank to provide leadership for a new initiative in Global Environmental Change and Human Well-Being. To apply, go to <http://jobs.ncsu.edu/postings/7389> and provide a cover letter, CV, and a 1-page vision for Global Environmental Change and Human Well-being. Confidential inquiries and nominations should be directed to Dr. Damian Shea, Search Chair, d_shea@ncsu.edu, 919-513-3065. (源于 *Science* [2012-06-29])

(责任编辑 孙杨慧(实习生) 秦政)