

· 全球招聘新闻 ·



博士后

[美国] Arizona State University

Arizona State University Graduate College is now accepting Postdoctoral Applications for the Bisgrove Postdoctoral Scholars Program. The Award (sponsored by the Science Foundation Arizona) is designed to attract the nation's best early career scientists who exhibit the potential for outstanding competence and creativity in their research areas, strong communication skills, a passion for communicating the importance of their research to society, and a keen interest in educational science outreach to the community. Applicants should demonstrate research training in Health Initiatives, Sustainable Energy and the Environment, or Engineering. For application and submission procedures, go to **website: <http://graduate.asu.edu/bisgrove>**. (源于 *Science* [2011-05-27])



博士后

[美国] University of Wisconsin, Madison

University of Wisconsin, Madison opens a postdoctoral position. The position will address the roles of the Syk-Card9 and TLR-Myd88 pathways and the PRRs and fungal ligands that drive differentiation of antifungal T17 cells. Candidates need to be motivated and experienced in cellular and molecular immunology. Direct resume, cover letter, and contact information for three references to: **Marcel Wüthrich, University of Wisconsin-Madison, Microbial Sciences Building, 1550 Linden Drive, Rm 4301, Madison, WI, 53711, USA.** E-mail: mwuehri@wisc.edu, Telephone: 608-262-7703. (源于 *Science* [2011-05-27])



博士后

[美国] City College of New York

City College of New York has two postdoctoral research positions available. The general area of research is the dynamics of particulate and heterogeneous materials. The positions will focus on fundamental aspects of interfacial phenomena and particulate flow systems; it is anticipated that one position will focus on experimental studies of granular materials, suspensions or colloidal dispersions, while the other will focus on development and application of novel computational tools for simulation and continuum modeling of complex fluids or particulate systems. Further information about the general research program is available at <http://prem.ccny.cuny.edu/Research.html> and for more about the Levich Institute see <http://www-levich.engr.ccny.cuny.edu/> To apply for this position, please visit the Research Foundation CUNY Employment Application page: http://www.rfcuny.org/hr/pvn/cgi-bin/show_job.asp?pv=REA-1241. Candidates should have a PhD in engineering, physics or applied mathematics, with experience in fluid mechanics, soft matter systems and/or nanoscale phenomena. Positions are for two years with annual

evaluation and a possible extension, and the salary is competitive. If interested, please supply. A CV, a cover letter describing interests, selected reprints, and the names of three references must be uploaded in word or pdf format by selecting "Apply Now" on the Research Foundation Website: **http://www.rfcuny.org/hr/pvn/cgi-bin/show_job.asp?pv=REA-1241**. (源于 *Physics Today Job* [2011-05-31])



博士后

[美国] Oak Ridge Associated Universities

Oak Ridge Associated Universities opens the NASA Postdoctoral Program (NPP) which offers unique research opportunities to highly talented national and international scientists and engineers to engage in ongoing NASA research in space science, earth science, aeronautics, space operations, exploration systems, and astrobiology. Apply at **<http://nasa.orau.org/postdoc>**. To obtain more information and to apply for this exciting opportunity, please visit the NPP Web site at **<http://nasa.orau.org/postdoc>**. For one example of an exciting opportunity in physics, go to http://www2.orau.gov/NASA_Catalog/Opportunity/18482. (源于 *Physics Today Job* [2011-05-31])



博士后

[美国] National Institutes of Health

National Institutes of Health opens a postdoctoral fellowship to investigate proteins and/or RNA using single molecule fluorescence methods. The objective of these experiments is to characterize dynamics in complex biological structures and elucidate folding mechanisms by measuring and analyzing photon trajectories of fluorophore-labeled molecules. Candidates should have demonstrated experience using optical methods and have obtained their PhD less than five years ago. The Laboratory of Chemical Physics provides state-of-the-art research facilities in a highly collegial environment consisting of laser (WA Eaton, IW Levin), NMR (A Bax, GM Clore, R Tycko), X-ray (PA Anfinrud), and theoretical biophysics (G Hummer, A Szabo) groups. Applicants should send a letter stating their interests, a curriculum vitae including bibliography, and arrange for three letters of reference to be sent or emailed directly to: **Dr. William A. Eaton, Chief, Laboratory of Chemical Physics, Building 5, Room 104, National Institutes of Health, Bethesda, MD 20892-0520, USA;** E-mail: eaton@helix.nih.gov; tel: 301-496-6030. (源于 *Physics Today Job* [2011-06-01])



博士后

[美国] Harvard University

Harvard University opens postdoctoral position for candidates

interested in antihydrogen experiments, making new measurements of the electron, positron and antiproton magnetic moments, an improved determination of the fine structure constant, and improved measurements of the proton-to-electron mass ratio (see <http://hussle.harvard.edu>). Send application letter and resume, and arrange the sending of 3 letters of reference, to: **Professor Gerald Gabrielse, Department of Physics, Harvard University, Cambridge, MA 02138, USA or gabrielse@physics.harvard.edu**. Applicants must have completed all requirements for a PhD in experimental physics, preferably in atomic, molecular and optical physics. Particle or nuclear physics PhDs will also be considered if they have substantial hands on experience. (源于 *Physics Today Job* [2011-06-01])



博士后

[美国] University of Iowa

The University of Iowa is searching for a scientist to work in high energy astrophysics in collaboration with Prof. Philip Kaaret. The candidate will work on calibration of X-ray detectors and science planning for the Gravity and Extreme Magnetism Small explorer (GEMS) mission, data analysis from X-ray and optical observatories, and the VERITAS TeV telescope array. Candidates must hold a PhD in physics or astronomy. Experience in data analysis and/or instrumentation hardware is preferred. Applicants should submit a curriculum vitae, a list of publications, and a statement of research interests to christine-stevens@uiowa.edu or **Christine Stevens, Department of Physics and Astronomy, University of Iowa, Iowa City, IA 52242, USA**. Electronic submissions in pdf format only are acceptable. Applicants should also make arrangements for three letters of recommendation to be sent directly. Letters of recommendation can be sent via E-mail. Review of applications will begin on July 1st, 2011, and continue until the position is filled. (源于 *Physics Today Job* [2011-06-02])



博士后

[美国] Air Force Research Laboratory

Air Force Research Laboratory seeks a candidate for a postdoctoral position in confined cold and ultra-cold atom interferometry research. A qualified applicant will have a PhD in physics before beginning employment, and possess expertise in experimental/theoretical physics. Candidates will support experimental efforts in association with current research at AFRL (Albuquerque, NM). The goal of this research is to develop a microchip sized matter wave interferometer for the precision measurement of rotation. The postdoctoral associate will be working on efficient transport of cold atoms from a MOT to the chip trap, designing chip traps and investigating dispersion control in waveguides, as well as modeling the phase coherence of BECs, the super-positions of cold atoms and the effects of various noise sources on phase coherence. This will be an NRC Associate's position, is dependent on getting a grade of A/B

upon NRC review and is expected to have a term of 1-3 years based on projected funding levels. Please visit <http://www7.nationalacademies.org/rap/> for information on salaries, benefits and application deadlines. Vitae and letters of recommendation should be sent to **Steven M. Miller, Senior Scientist, AFRL/RVBYM, 29 Randolph Rd., Hanscom AFB, MA, 01731-3010, USA; E-mail: Steven.Miller@hanscom.af.mil; phone: (781) 377-2807**. (源于 *Physics Today Job* [2011-06-02])



博士后

[美国] Naval Research Laboratory

Naval Research Laboratory is seeking a highly motivated experimental physicist, electrical engineer or materials scientist for a postdoctoral position in the dry aerosol deposition of magnetoelectric and ferrite materials. Interested applicants should have experience in material science, solid-state physics, materials characterization, and/or materials growth. Candidates must have a PhD in physics, electrical engineering or materials science. Applicants with a strong experimental background in magnetoelectronic materials synthesis and/or characterization are specifically encouraged to apply. Candidates should have a strong interest in engineering of materials properties, a supporting broad experience in relevant materials characterization techniques, and solid oral and written presentation skills. The Branch also conducts a wide range of power electronic materials and devices research involving wide bandgap semiconductors, high-k dielectrics and graphene and opportunities for collaborative work in these areas would also be available. Interested applicants seeking additional information should contact **Drs. Chip Eddy (chip.eddy@nrl.navy.mil, 202 767 3672) or Fritz Kub (fritz.kub@nrl.navy.mil, 202 767 3862)**. Applicants may send curriculum vitae, publication list, and the names of three references to the above either electronically or through **Code 6882, Naval Research Laboratory, 4555 Overlook Ave SW, Washington, DC 20375, USA**. (源于 *Physics Today Job* [2011-06-03])



博士后

[美国] Oak Ridge National Laboratory

Oak Ridge National Laboratory (ORNL) seeks two postdoctoral associates to work in the area of theoretical and computational condensed matter physics, focusing on theoretical modeling capabilities to understand collective phenomena at the nanoscale in strongly correlated electronic materials, including Mott insulators and high temperature superconductors, through the use of the density matrix renormalization group (DMRG). Work will make use of DMRG methods for time evolution and temperature dependence, and of related dynamical mean-field theory methods. The application of the DMRG technique is expected to provide insights for real devices, such as solar cells. Qualifications: This position requires completion of a PhD in the area of theoretical or computational condensed matter physics or a closely related field.

Background in strongly correlated electron research is preferred.? Knowledge of DMRG methods is not required. The candidate must have good organizational skills and must have the ability to work in a team and interact effectively with a broad range of colleagues. Demonstrated ability to communicate in English to an international scientific audience is essential. Applicants must have received their highest degree not more than five years prior to the date of application and must complete all degree requirements before starting their appointment. Qualified applicants may apply online at https://www2.ornl.gov/ORNL_POST/. (源于 *Physics Today Job* [2011-06-07])



博士后
[美国] Oak Ridge National Laboratory

Oak Ridge National Laboratory is seeking applicants for a postdoctoral researcher within the field of distributed computing and distributed storage technologies. At ORNL, they are interested in large-scale, distributed computing and storage systems. They routinely store and analyze spatiotemporal datasets, unstructured text, and computer log data. The successful candidate will have an opportunity to pursue basic research, develop real-world systems that serve vital roles in production environments, and consult as specialists in one or more domain-specific projects. The appointment is expected to last for 2 years (contingent upon funding). Responsibilities will include: Regularly publishing and presenting research; Contributing to the design, implementation, and evaluation of distributed storage and processing systems; Conducting independent research that furthers project goals. Ideal applicants will have: A PhD degree in Computer Science (or closely related field) with an emphasis on systems; Strong programming and analytical skills, including experience with next-generation storage systems (e.g. Apache Cassandra, HBase, etc.), distributed processing (e.g. Hadoop), and geospatial analysis. Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment. Qualified applicants may apply online at https://www2.ornl.gov/ORNL_POST/. (源于 *Physics Today Job* [2011-06-08])



博士后
[美国] SLAC National Accelerator Laboratory

SLAC National Accelerator Laboratory are seeking an outstanding candidate with x-ray or ultrafast laser experience for the position of Research Associate to join their group in Soft X-ray Materials Science Research (SXR) and be part of the staff at the Linac Coherent Light Source (LCLS) at SLAC National Accelerator Laboratory, the world's first x-ray free electron laser (FEL) facility which is operated by Stanford University for the Department of Energy. https://slacportal.slac.stanford.edu/sites/lcls_public/Pages/

Default.aspx. This position is for a term of 2-3 years and will require close involvement with the current program in soft x-ray experiments at the LCLS, ranging from surface science and chemistry to material physics. The candidate will be involved in and help support ongoing LCLS experiments with scientists worldwide, but the main focus of the position is to conduct independent research projects involving the FEL. Requirements for the position include a PhD in physics or closely related field. While expertise in ultra-fast science, or x-ray science is preferred, strong candidates in other fields will be considered. Please send cover letter and CV along with three letters of recommendation to Joshua Turner (joshuat@slac.stanford.edu). (源于 *Physics Today Job* [2011-06-09])



助理教授
[美国] University of Pennsylvania

University of Pennsylvania's School of Medicine seeks candidates for an ASSISTANT PROFESSOR position in the non-tenure research track. Applicants must have a PhD or equivalent degree and have demonstrated excellent qualifications in research. The candidate must have evidence of research experience in the study of biological materials including cells in culture or isolated organs and knowledge of free radical chemistry and anti-oxidant defense. Expertise in enzymology and protein chemistry is desirable. The successful candidate will be expected to develop an independent research program in related to signaling by oxygen radicals, will be responsible for the direction of a funded research program in mechanisms of NADPH oxidase activation, and will supervise the immunobiological reagents and participate in the collaborative research programs of the Institute for Environmental Medicine. See www.upenn.edu. (源于 *Science* [2011-06-03])



助理教授/副教授
[美国] University of Missouri, Columbia

University of Missouri invites applications for appointment as a tenure-track assistant or associate Professor. Applicants should apply biochemical and molecular approaches to the study of plant metabolism. The successful candidate will have or will establish a research program that complements and enhances their existing strengths in plant biochemistry. The successful candidate will contribute to departmental teaching in areas of undergraduate, graduate, or medical education. The University is noted for interdisciplinary research programs including the Interdisciplinary Plant Group of > 50 faculty members in five Departments. Position qualifications include a PhD in biochemistry or related field and postdoctoral training. They offer a competitive salary and start-up package, an active doctoral program and a highly interactive, multidisciplinary faculty. Cover letter, vitae, a description of research plans and teaching interests, and a list of three references and their affiliation required for application. Apply electronically at:

<http://hrs.missouri.edu/find-a-job/academic/index.php>. Job Opening ID #4903. (源于 *Science* [2011-06-03])



助理教授/副教授
[美国] Stanford University

Stanford University seeks to jointly recruit a cardiovascular stem cell biologist or cardiac physiologist with MD, PhD, or MD/PhD degrees for this tenure-eligible position at assistant professor/associate professor. Applicants should have a strong record of research in molecular and cellular cardiovascular science and expertise or interest in using embryonic stem cells, with adult stem cells, embryonic stem cells, or/and inducible pluripotent stem cells in cardiovascular applications to study questions in cardiovascular biology. Other areas of expertise include electrophysiology, pharmacology, or cellular/molecular cardiology. Successful candidates will be expected to develop an independent research program using stem cells to address basic and translational issues in the cardiovascular domain medicine. This program will be an important collaborative component to the current cardiovascular regenerative medicine program. Candidate will join a dynamic group of scientists using stem cells to study a broad variety of questions and should focus on issues of directed differentiation and cell characterization. Interested applicants should send a cover letter and CV and the names of three references to: **Thomas Quertermous, MD, Chief (Research), Division of Cardiovascular Medicine, C/O Corrine Sanchez, Department of Cardiothoracic Surgery, CVRB, Falk Bldg., Mail Code 5407, 300 Pasteur Drive, Stanford, CA 94305-5407, USA.** Send by E-mail to: **corrine.sanchez@stanford.edu**. (源于 *Science* [2011-06-10])



副教授
[美国] University of Massachusetts, Lowell

University of Massachusetts Lowell Department of Biological Sciences invites applications for full-time tenure-track faculty positions, rank negotiable, to start September 2012 or thereafter. The successful candidates will be expected to have a vigorous, externally funded research program, and collaboration within this and other departments is encouraged. Current faculty research interests include genetics, neurobiology, cancer biology, invertebrate biology, developmental biology, virology, microbial ecology, evolution, and biogeochemistry. They are seeking established mid-career individuals with expertise in one or more of the following areas: molecular/cell biology, plant science, integrative zoology, vertebrate physiology, comparative vertebrate, structure/biomechanics, and/or evolutionary developmental biology. Teaching obligations include development of upper level undergraduate/graduate courses in his/her area of expertise and participation in the teaching of core undergraduate courses as needed. Minimum Qualifications: earned doctorate (must have at the time of

application); demonstrated teaching ability at the undergraduate and graduate levels; evidence of a sustainable externally funded research program; demonstrated publication record in scholarly journals; excellent communication and interpersonal skills; and demonstrated ability to work with diverse student and faculty population. Interested applicants should apply online at <https://jobs.uml.edu>. Candidates should submit a curriculum vitae, copies of several recent research publications, a statement of research and teaching interests, not to exceed three pages, and names and contact information of three references. (源于 *Science* [2011-06-03])



助理教授/副教授/教授
[美国] Mercer University

Mercer University invites applications for a full-time tenure-track (rank open) microbiology faculty position in the Department of Biomedical Sciences at the Savannah, Georgia campus on the site of Memorial Health University Medical Center. The basic science curriculum at Mercer University School of Medicine is presented in an interdisciplinary, clinically relevant, problem-based learning format. Candidates must have a doctoral degree (PhD, MD, or equivalent) and postgraduate experience in medical microbiology. A demonstrated ability to develop an independent research program capable of attracting extramural funding is strongly desired. Suitable laboratory facilities and startup package will be provided. For a full description, qualifications, and to apply, please go to **website: <https://www.mercerjobs.com>**. (源于 *Science* [2011-06-03])



教授
[奥地利] University of Innsbruck

University of Innsbruck invites applications for the positions of professor of Theoretical Quantum Physics and of professor of Experimental Quantum Physics. The successful candidates are expected to establish vigorous research programs and to collaborate closely with research groups in quantum physics at the University and IQOQI, as well as to broaden or complement the existing research activities. The successful candidates will be first employed on a five-year contract basis. Assuming a positive evaluation outcome, the University then intends to establish a permanent chair, for which the successful candidate is required to apply. Inspired by tenure track models, this is to offer a long-term perspective to the candidates. The authoritative text of the advertisement in German, the full English text and further information on the University of Innsbruck and the IQOQI as well as the documents to be submitted can be found at <http://iqoqi.at/tenuretrack>. The full application material in English combined into a single PDF document is to be sent to **fss-technik@uibk.ac.at** before July 31, 2011. (源于 *Physics Today Job* [2011-06-01])

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