

## · 全球招聘新闻 ·



### 博士后

#### [美国] Lawrence Berkeley National Laboratory

The Neutrino Physics program at the Nuclear Science Division at Lawrence Berkeley National Lab is seeking outstanding candidates for a postdoctoral position. The successful candidate will participate in the neutrinoless double  $\beta$ -decay search in the majorana experiment and direct kinematic measurement of the neutrino mass scale in the katrin experiment. Key Responsibilities: work on experiments to probe the absolute neutrino mass scale; development of advanced germanium detectors and associated electronics for neutrinoless double  $\beta$ -decay search; development of analysis software for gamma and beta spectrum measurements. Qualifications: PhD in nuclear physics, high energy physics or related discipline within the last 2 years; experience with nuclear instrumentation or radiation detection; experience with programming and physics analysis; relevant publication record demonstrating proficient written and oral presentation of scientific results; ability to perform research independently and as part of a research group. Apply online at <http://bit.ly/lbl73997PhysicsToday> and follow the instructions to complete the application process. Requested application materials: CV; publication list; statement of research interests; arrange for 3 reference letters to be submitted to Dr. Alan Poon at [AWPoon@lbl.gov](mailto:AWPoon@lbl.gov). Informal inquiries can be directed to **Dr. Alan Poon** ([AWPoon@lbl.gov](mailto:AWPoon@lbl.gov), phone: 510-495-2467). (源于 *Physics Today* Job [2011-12-14])



### 博士后

#### [美国] Columbia University

The Columbia University Astrophysics Laboratory invites applicants for a postdoctoral research scientist position in solar spectroscopy and related experimental atomic physics. The successful candidate will participate in a range of observational and experimental studies related to deepening their understanding of the solar corona and solar wind. The observational studies will use ultraviolet spectroscopic data from satellites such as Hinode and SOHO. A PhD in solar physics, astronomy, astrophysics, physics, plasma physics, applied physics, or a related discipline is required. A strong background is required in at least one of the following areas: solar physics, spectroscopic modeling and analysis, and/or experimental atomic physics and strong written and oral communication skills. Experience in data reduction from current or past solar spectrometers is desirable. Desired computer skills and laboratory skills. A proven research ability, evidence of future research potential, and the ability to work both independently and cooperatively with others is also desirable. For further information about this project, visit: <http://www.astro.columbia.edu/~savin>.

Applicants should submit CV (including a list of publications), a statement of Research, and 3 letters of recommendations. Review of Applications will begin January 15, 2012 and will continue until position is filled. Questions regarding this position can be addressed to **Dr. Savin** at [savin@astro.columbia.edu](mailto:savin@astro.columbia.edu). To apply, visit: [academicjobs.columbia.edu/applicants/Central?quickFind=55634](http://academicjobs.columbia.edu/applicants/Central?quickFind=55634). (源于 *Physics Today* Job [2011-12-15])



### 博士后

#### [英国] Diamond Light Source

Diamond Light Source is the UK's national synchrotron science facility. They enable world-leading research across a wide range of scientific disciplines and industrial applications. They have a vacancy for a PDRA to work within the accelerator physics team within the diamond technical division. The key duties of the post are as follows: Carry out studies to model, understand and optimise the performance of the Diamond Accelerators under all required operating conditions; assist with the characterisation and the operation of the accelerators, the associated insertion devices and feedback systems, to provide ultra stable X-ray beams for the beamline users; contribute to producing the relevant procedures and high level software tools in order to achieve the above; contribute to advanced studies for ultralow emittance lattices, new injection schemes and other possible upgrades. For an application form and further information including work permit and visa requirements for non-EU nationals, visit: [www.diamond.ac.uk](http://www.diamond.ac.uk), telephone their recruitment line on **01235 778218** or write to them at the address below, quoting the appropriate reference number. **Diamond Light Source Ltd, Diamond House, Harwell Science and Innovation Campus, Didcot, Oxfordshire OX11 0DE**. Closing date: 15th January 2012. (源于 *Physics Today* Job [2011-12-20])



### 博士后

#### [美国] Lawrence Berkeley National Laboratory

Lawrence Berkeley National Laboratory's Center for X-Ray Optics (CXRO) works at the forefront of science and technology using short-wavelength optical systems and techniques. CXRO now offers an exciting opportunity for a postdoctoral fellow to join their EUV-lithography mask-imaging team. Key Responsibilities: collaborate with leading researchers, internal and in semiconductor companies; work closely with the EUV mask imaging team to design, create and test advanced tools; conduct optical experiments and measurement using a synchrotron experimental endstation; design experiments to test optical phenomena; conduct simulations of optical systems and detectors; prepare reports, documentation, and publications describing the work; assist in the specification, design, and testing of optical systems and related hardware. Qualifications: Recent PhD in

Physics, Electrical or Optical Engineering, plus a background in optics that includes imaging systems; hands-on experience running complex experimental systems; proficiency in data analysis and processing; excellent written and oral communication skills; confident with analysis and interpretation of image data using idl or matlab; experience with synchrotron or x-ray beamlines would be highly advantageous, but is not essential. Apply online at <http://bit.ly/lb174066PhysicsToday> and follow the instructions to complete the application process. (源于 Physics Today Job [2011-12-21])



博士后

[美国] University of New Mexico

A postdoctoral research associate position is open immediately in University of New Mexico to study host innate defense mechanisms targeting *Staphylococcus aureus* virulence. The candidate will combine lipoprotein biochemistry, immunology, molecular biology, and microbiological approaches to study mechanisms of host lipoprotein mediated control of bacterial quorum-sensing dependent virulence. Responsibilities include independent research, communication of research results, and participation in local journal clubs and works-in-progress presentations. PhD in Molecular Biology, Immunology, Microbiology, Biochemistry or a related field with a record of peer-reviewed publications. The ideal applicant should have extensive experience in confocal microscopy and mouse models of disease. Candidates with experience in protein purification (FPLC) and in lipoprotein/lipids research will be given preference. The ideal candidate should be highly motivated with demonstrated ability to carry out independent research. Applicant must be eligible for clearance/credentialing at nearby VA campus due to ongoing collaborations. The position includes teaching, mentoring and leadership opportunities, as well as opportunities for training in whole animal imaging. Applications should include a cover letter describing the goals of the candidate for postdoctoral training, CV, including a list of peer reviewed publications, a brief description of research activities, and the contact information for 3 references. Interested applicants should E-mail materials to: **Pamela Hall, PhD, University of New Mexico College of Pharmacy, MSC09 5360, 1 University of New Mexico, Albuquerque, NM 87131, USA**, E-mail: [phall@salud.unm.edu](mailto:phall@salud.unm.edu). For best consideration, please apply before February 06, 2012. (源于 Science [2011-12-22])



博士后

[美国] Stanford University

The laboratory of Dr. Atul Butte at Stanford Medical School is seeking highly motivated investigators to develop and study novel approaches in data-driven biomedical research to discover new biomarkers, therapeutics, and to revolutionize health and health-care. Postdoctoral fellowships are fully funded for at least 2 years. Ideal candidates will have an MD and/or PhD with a strong

background in bioinformatics, computational biology, biostatistics, and genomics, excellent communication and programming skills, and a great publication record. Strong problem-solving skills, creative thinking, and the ability to build new software tools as needed are required. A dual background in both computation and molecular biology or medicine or pharmacology will be a strong plus. Prior experience with genetic, microarray, drug, or clinical databases, text-mining, knowledge representation, or parallel computing platforms is a plus. Applicants must possess good communication skills and be fluent in both spoken and written English. This exciting work will be guided by multidisciplinary collaborations with top scientists in stem-cell, immunology, diabetes, and cancer biology research at Stanford. To apply, send CV, a brief statement of research interests, and contact information for 3 references. Contact: **Susan Aptekar**, E-mail: [butte-lab-jobs@lists.stanford.edu](mailto:butte-lab-jobs@lists.stanford.edu). (源于 Science [2011-12-23])

博士后



[美国] University of

Connecticut Health Center

Postdoctoral positions are available in the laboratory of Morgan Carlson at the Center on Aging, University of Connecticut Health Center. The laboratory's overall focus is to identify and understand cell signaling changes that occur through the aging process, to investigate their impact on stem cell behavior and to evaluate their potential as therapeutic targets in specific human disease backgrounds. The ideal candidate should have a PhD and/or MD degree, a strong background in molecular/cellular experimental systems and possess a special interest in regenerative medicine and the biology of aging. They are currently working on experimental systems involving the use of adult muscle, induced pluripotent/embryonic stem cells and animal model. Prior experience with any of these is a plus. Interested applicants should submit the current CV, contact information for 3 references and brief statement of research background and interests by email to: [mcarlson@uchc.edu](mailto:mcarlson@uchc.edu), **Morgan Carlson, PhD, Assistant Professor, Center on Aging and Department of Genetics and Developmental Biology, University of Connecticut Health Center**. (源于 Science [2011-12-23])



博士后

[美国] Space Telescope

Science Institute

Applications are invited for a one year postdoctoral position at STScI to work with Dr. W.B. Sparks on HST observations of the jet of M87. The primary area of investigation is application of precision astrometric techniques in the optical to measurement and interpretation of the jet proper motion, in collaboration with Drs. R. van de Marel, J. Anderson and others. Their goal is to provide state-of-the-art data for comparison with theoretical work on the structure and dynamics of the jet and its interaction with the ambient

medium. The successful applicant is expected to have the ability to work with challenging observational datasets, and to participate in theoretical interpretation of the results, on both the proper motion project and the wider astrophysical implications of nuclear activity and jets in galaxies. Applicants should have obtained by the starting date a PhD in astronomy or a related field. Applicants are requested to complete an on-line application and attach the following materials in the resume upload section: CV, list of publications, and a brief statement of current and future research interests. (There is a 3 file maximum) Please include #11-0117 in the file name. Please also arrange to have 3 letters of reference sent to [careers@stsci.edu](mailto:careers@stsci.edu). Completed applications received by February 1, 2012 will receive full consideration. (源于 *Physics Today Job* [2011-12-27])

### Colorado State University

博士后

[美国] Colorado State University

A postdoctoral position is available in the Colorado State University Microbiology, Immunology and Pathology Department. The project will involve untargeted nuclear magnetic resonance analysis of host tissues isolated from animals infected with *Mycobacterium tuberculosis*. Individuals with good analytical skills and a strong background in NMR analysis are encouraged to apply. Qualifications include a PhD in microbiology, biochemistry, chemistry or a related field and experience with NMR analysis of biological samples. Applicants must have an interest in metabolomic analysis and experience in this area is a plus. Good communications skills and the ability to integrate into a team are also required. To apply E-mail a letter of interest, CV and the names and contact information of 3 referees to **Dean Crick, PhD, Director of the Mycobacteria Research Laboratories in care of [christine.bartholomew@colostate.edu](mailto:christine.bartholomew@colostate.edu)** by February 3, 2012 for full consideration. Position open until filled. To apply, refer to position #003. (源于 *Science* [2011-12-27])



助理教授

[美国] University of Tampa

The University of Tampa invites applications for the tenure-track position as assistant professor of Physics starting in August 2012. Candidates must be dedicated to undergraduate teaching, including both science and non-science majors, and is able to conduct research that is appropriate for undergraduate participation. The successful candidate will be expected to demonstrate excellence in undergraduate education, take an active role in the curricular development of the Physics program, involve undergraduate students in research as part of the experiential learning mission of university, and provide service to the department, the college, and university community. PhD in Physics or closely related field is required. Postdoctoral experience, including a publication record in peer-reviewed journals, is preferred. Prior teaching and research

experience with undergraduates is highly desirable. For details and to apply on-line go to: <https://jobs.ut.edu> Applicants should be prepared to attach a cover letter, current CV, statements of research interests, teaching philosophy and a copy of the terminal degree transcript. In addition, applicants will be requested to enter name and email address for three (3) reference providers. Review of applications will begin January 9th, 2012. (源于 *Physics Today Job* [2011-12-08])



助理教授

[美国] University of Arkansas

The department of biological sciences (website:<http://biology.uark.edu>) at the University of Arkansas solicits applications for a tenure-track assistant professor working in community, ecosystem, or landscape ecology (Position **Y12933**). The successful candidate will have a PhD, postdoctoral experience preferred, and will be expected to establish an extramurally supported research program, supervise graduate and undergraduate research, and teach undergraduate general ecology, and advanced offerings. Review of completed applications will begin January 10, 2012, and will continue until the position is filled. Applications must include CV, statement of current and future research plans, teaching philosophy/interests, and 3 letters of recommendation sent independently. Electronically send applications in PDF form to: **Dr. Steven J. Beaupre** (E-mail: [ecology@uark.edu](mailto:ecology@uark.edu)), or hardcopy to: **Department of Biological Sciences, 601 SCEN, 1 University of Arkansas, Fayetteville, AR 72701, USA.** (源于 *Science* [2011-12-16])



助理教授

[美国] Indiana State University

Indiana State University has a strategic goal to employ and retain highly qualified faculty from underrepresented groups given their leadership role in Indiana enrolling among the highest proportion and aggregate number of diverse students, particularly African Americans. The ISU STEM departments invite faculty candidates from underrepresented groups to apply for tenure-track appointments beginning August 2012. A PhD in biology, chemistry, geosciences, mathematics, or physics is required, and postdoctoral experience is preferred. Successful candidates must demonstrate a commitment to teaching excellence in both introductory and advanced courses in their degree discipline. Successful candidates are also expected to develop a robust, externally funded research program that engages undergraduate and/or graduate students. Interested candidates should make their interests known when applying through their human resources opportunity hire portal (<https://jobs.indstate.edu>). For more information about their STEM hiring program, participating departments, and the broader Diversifying the Faculty Initiative, visit <http://www.indstate.edu/facultydiversity>. (源于 *Science* [2011-12-22])



助理教授  
[美国] University of Akron

The department of polymer engineering at University of Akron is seeking applications for a tenure-track assistant professor. Applicants in any area of polymer engineering or polymer physics will be considered, but candidates with research programs in energy research, optoelectronics, process modeling and environmental sustainability are especially of interest. Applicants must have a PhD in engineering, materials science, chemistry, physics or an associated field and potential or proven record for obtaining external funding for research. The successful candidate will be expected to teach undergraduate and graduate courses in polymer engineering. Postdoctoral experience is preferred. For details visit <http://www.uakron.edu/jobs/>. Requisition number: 007081. (源于 *Physics Today Job* [2011-12-22])



助理教授  
[美国] Northern Arizona University

The department of biological sciences at Northern Arizona University invites applications for a tenure-track position in the area of genetics at the assistant professor level, to begin August 2012. The successful candidate will have a strong commitment to undergraduate education and is expected to develop a vigorous research program in genetics. Minimum qualifications are: an earned PhD in the biological sciences with emphasis in genetics (prokaryotic, eukaryotic, or viral) conferred by start date; and, minimum one-year postdoctoral experience. Visit [http://hr.nau.edu/node/2796&job\\_req=558982](http://hr.nau.edu/node/2796&job_req=558982) for full position announcement. (源于 *Science* [2011-12-23])



助理教授  
[美国] Western Washington University

The biology department at Western Washington University (WWU), a regional comprehensive university located between Seattle and Vancouver B.C., invites applications for a tenure-track, assistant professor position, beginning September 2012. They seek an individual committed to undergraduate and MS student education who will establish a vigorous research program that involves students. PhD and postdoctoral experience in marine biology, with an emphasis on quantitative methods (e.g., modeling or bioinformatics), are required. Applicants must provide evidence of the potential to teach biostatistics, introductory physiology, and an upper-level quantitative course. Review begins January 23, 2012. See website: <http://biol.wwu.edu/biology/>. For information about WWU's Shannon Point Marine Center, see <http://www.wwu.edu/spmc/>. For application information and instructions, go to the WWU Employment website: <http://www.wwu.edu/jobs>. (源于 *Science* [2011-12-23])



助理教授/副教授  
[美国] Western University of Health Sciences

Western University of Health Sciences, College of Veterinary Medicine is seeking candidates for a tenure-track or tenured assistant or associate professor in research related to on the following fields of interest: stem cell biology and/or immunology, banking techniques, regenerative medicine in humans or animals, and other areas of translational stem cell research directed to improving the health of humans and/or animals, infectious diseases or food safety. The successful applicant will have a doctoral degree (PhD) in biology or a related discipline. For applicants at the assistant professor level, relevant postdoctoral experience and demonstrated potential for excellence in research will be required. Applications at the associate professor level will require all of the above plus a well-established research program with a record of extramural funding. The successful applicant will be expected to maintain an active, externally funded research program (70%) and to participate in academic (20%), and service activities (10%) of the College of Veterinary Medicine. Applicants must apply online and submit a letter of application, a current dated CV, copies of 3 recent publications, a statement of research plans, and the names, addresses (both postal and email), and telephone numbers of 3 references. Applicants should indicate in a cover letter the rank (assistant or associate professor) of the position for which they are applying, along with their specific field of research. Review of completed applications will begin January 15, 2012. Applicants must be able to show proof that they are eligible and qualified to work in the US. Inquiries should be directed to Professor Griffon at [dgriffon@western.edu](mailto:dgriffon@western.edu). (源于 *Science* [2011-12-23])



助理教授/副教授/教授  
[阿联酋] Khalifa University

The department of applied mathematics and sciences at Khalifa University invites applications for applied and engineering physics faculty positions, starting as early as Spring 2012 semester. Desirable attributes for candidates include; an interdisciplinary research orientation in the applied and engineering physics, successful teaching record and an interest in innovative teaching approaches, post-doctoral, industrial, or practical experience. Collaborative projects with faculty members in the College of Engineering are encouraged and an interest in translational research, innovation and entrepreneurship would be beneficial. An earned PhD in physics or physics education is required for the position. Candidates from all areas of physics will be reviewed, but growth areas within the department will be in nanoscience, nanotechnology, bio-nanoscience, and detector design and physics education. For further information, Visit <http://www.kustar.ac.ae>. Candidates should send CV, research and teaching statements to: <http://apptkr.com/213819jeid-b3bcc9187cf/e3a/de89a78881e3a5d/>. (源于 *Physics Today Job* [2011-12-22]) (责任编辑 孙杨慧(实习生),秦政)