

## · 全球招聘新闻 ·

**博士后**  
[美国] Geisinger Health System

Geisinger Health System (GHS) is seeking a Postdoctoral Fellow for the laboratory of Anne Moon, MD, PhD at the Weis Center for Research. The research focus for this position is the functions of Fgf and T-box transcription factors in vivo during mouse embryonic development. PhD or MD with a strong background in molecular biology and biochemistry. Experience in mouse genetics and development and cell biology is also desirable. Proven ability to design and implement experiments, supervise junior laboratory personnel, and present and publish results. For more information, please visit: <http://www.geisinger.org/professionals/research/wcr>. or [Join-Geisinger.org](http://Join-Geisinger.org) or contact: **Anne M. Moon MD, PhD, Senior Scientist, at [ammoon@geisinger.edu](mailto:ammoon@geisinger.edu)**. (源于 *Science* [2013-02-28])

**博士后**  
[美国] Harvard University

The Harvard Origins of Life Initiative is a multi-disciplinary research program at the intersection of biochemistry and planetary astronomy. Their goal is to discover how the initial conditions on planets, including their Earth, determined their biochemistry and life forms. This knowledge will eventually allow targeted studies of planets that might harbor life, including Earth twins. The Initiative is an active, vibrant community of students, faculty and researchers in this exciting new field. They invite applications for Origins Postdoctoral Fellows who will pursue independent research on topics related to origins of life in collaboration with one or more Harvard faculty members in biochemistry, chemistry, geobiology, planetary science, and astrophysics. For a complete list of Origins team members, labs, and projects: <http://origins.harvard.edu/AssocFaculty.html>. Candidates should have received their terminal degree within the 5 years prior to the application date. They should secure the commitment of at least one Harvard faculty member to host their work (a letter of support is required). A CV, a research proposal (3 pages), and a letter of recommendation from a current or former advisor should be sent to **Carol Knell ([cknell@cfa.harvard.edu](mailto:cknell@cfa.harvard.edu))** by April 15, 2013. Offers are expected to be made by the end of May, 2013. Incomplete applications will not be considered. For more information on the fellowships, send questions to: [cknell@cfa.harvard.edu](mailto:cknell@cfa.harvard.edu). (源于 *Science* [2013-02-28])

**博士后**  
[美国] Columbia University

2 postdoctoral positions are available immediately in Columbia University, New York. Applications will be considered from highly motivated individuals with a PhD degree in the Natural Sciences. Preference will be given to applicants with demonstrated expertise in

one of the following areas: experimental or computational aspects of cryo-electron microscopy, signal processing, or RNA modeling. The Frank Lab conducts in-depth research on the mechanism of protein synthesis in bacteria and eukaryotes, using single-particle cryo-EM of in vitro samples, as well as electron tomography of cell sections. Three-dimensional density maps reconstructed are interpreted by flexible fitting, homology modeling of proteins, and ab initio modeling of RNAs. By using classification of heterogeneous samples, multiple states of equilibrating molecular complexes are characterized. Qualified applicants should send CV, including the names of 3 references, and a statement of career goals to: **Masgan Saidi (E-mail: [ms4597@columbia.edu](mailto:ms4597@columbia.edu)), Biochemistry and Molecular Biophysics, Columbia University, Black Building 2-221, 650 West 168th Street, New York, NY 10032, USA.** (源于 *Science* [2013-03-01])

**博士后**  
[美国] University of Kansas

The College of Liberal Arts and Sciences in the University of Kansas announces the availability of the postdoctoral teaching fellows program as part of their Course Transformation Initiative in the Natural Sciences and Mathematics and Social and Behavior Sciences. These postdoctoral teaching fellows will serve a term of three years, and will be based in academic departments. Eligibility is limited to applicants who have received the PhD. For a complete announcement and to apply on-line, go to <https://employment.drupal.ku.edu/jobsearch> and search for keyword: 00061089. The following documents should be attached to the application profile: letter of application, CV, a list of 3 references, and a teaching statement that summarizes the candidate's teaching experience, innovations in enhancing student learning, and philosophy for improving student engagement and learning in large courses. In addition, applicants must arrange to have 3 letters of recommendation that evaluate pedagogical potential/achievement and teaching sent to: **Postdoc Teaching Fellows Search, c/o The Department of Ecology & Evolutionary Biology, 1200 Sunnyside Ave., 2041 Haworth Hall, University of Kansas, Lawrence, KS 66045, USA. Email: [jdorothy@ku.edu](mailto:jdorothy@ku.edu)**. Initial review of applications begins 03/25/13 and continues as long as needed to identify a qualified pool. (源于 *Science* [2013-03-04])

**博士后**  
[美国] North Carolina State University

The School of Public and International Affairs at NC State invites applications for a Postdoctoral Scholar position in politics of science and technology policy beginning August 16, 2013. The position is for a one-year appointment in the Department of Political Science. The successful candidate should have a strong background in and a research agenda that address the issues of science and technology

politics and policy in addition to experience as a teaching assistant or instructor. The teaching load is one course per semester in political science, and they are particularly interested in candidates who are prepared to teach courses in science and technology policy and public policy. The successful candidate will pursue his/her own research, give talks, participate in various ongoing projects in the department and beyond, and deliver a research presentation in the spring semester summarizing the research progress that is expected to result in publications. Qualifications: PhD in political science, public administration, public policy, or related field awarded no more than 5 years from date of postdoctoral appointment. To apply, visit [jobs.ncsu.edu](http://jobs.ncsu.edu). (源于 *Science* [2013-03-04])



博士后  
[美国] University of Pennsylvania

An NIH-funded postdoctoral position is available immediately in the Perelman School of Medicine to work on kinetochore-microtubule interactions during cell division. The applicant will have the opportunity to work with highly advanced microscopy instruments and receive advanced training in a multidisciplinary environment. This is a collaborative project with investigators in cell biology and mathematical modeling to create a comprehensive understanding of the molecular mechanisms of microtubule-dependent motions. Candidates must be highly motivated individuals with a recent PhD in Biophysics or related area. Strong skills in quantitative fluorescence microscopy and experience with single molecule and laser trapping techniques are highly preferred. Excellent written and oral communications skills are required. <http://www.med.upenn.edu/physiol/grishchuk.html>. Interested candidates should send one PDF file with a CV, research statement, publications, and the names of 3 references to [gekate@mail.med.upenn.edu](mailto:gekate@mail.med.upenn.edu). (源于 *Science* [2013-03-07])



博士后  
[美国] Geisinger Health System

They are seeking Postdoctoral Fellows for multiple research areas. Postdoctoral Fellow for the laboratory of Anne Moon, MD, PhD to focus on the functions of Fgf and T-box transcription factors in vivo during mouse embryonic development; Postdoctoral Fellow for the laboratory of Nikolaos Tapinos, MD, PhD with an interest in the fields of Molecular and Cellular Neuroscience; Postdoctoral Fellow for the laboratory of Gerda E. Breitwieser, PhD to contribute to dissection of the novel mechanism (s) linking Calcium Sensing Receptor signaling and trafficking; Postdoctoral Fellow to join a team focused on autism, neurodevelopmental disorders and genomics. Please visit [Join-Geisinger.org](http://Join-Geisinger.org) or contact: **Jocelyn Heid, Department of Professional Staffing, at 1-800-845-7112 or [jheid1@geisinger.edu](mailto:jheid1@geisinger.edu)**. (源于 *Science* [2013-03-08])



博士后  
[美国] Drexel University  
College of Medicine

A postdoctoral position is available, contingent on grant funding, for recent PhD recipient with demonstrated experience in peptidomimetic synthesis and the interest both to synthesize next generation nanomolar inhibitors targeting Env gp120 and to collaborate within a multidisciplinary research group to elucidate mechanisms of antagonist action. Candidates should send 1) a cover letter describing relationship of their experience and career goals to the available position and to the group research program, 2) resume, and 3) 3 support letters to: **Dr. Irwin Chaiken, Department of Biochemistry and Molecular Biology, Drexel University College of Medicine, 245 North 15th Street, M.S. 497, Philadelphia, PA 19102, USA. E-mail: [ichaiken@drexelmed.edu](mailto:ichaiken@drexelmed.edu); website: <http://www.drexelmed.edu/chaikengroup>**. (源于 *Science* [2013-03-08])



博士后  
[美国] University of California, Irvine

The laboratory of Dr. Xiangmin Xu at the University of California, Irvine (website: <http://xulab.anat.uci.edu/>) is funded by NIH and private foundation grants. One or two postdoctoral positions are available for young scientists with experimental training in systems or cellular neuroscience. Projects are to investigate cortical circuit organization and function using combined approaches such as electrophysiology, laser scanning photostimulation, optical imaging, and genetically modified rabies tracing. Applicants should be motivated for academic excellence, and will pursue projects in a relatively independent manner. A PhD is required. Please contact: **Xiangmin Xu, PhD, Assistant Professor, Department of Anatomy & Neurobiology, School of Medicine, University of California, Irvine, Irvine, CA 92697-1275, Telephone: 949-824-0040 (office), E-mail: [xiangmin.xu@uci.edu](mailto:xiangmin.xu@uci.edu)**. (源于 *Science* [2013-03-08])



博士后  
[美国] Baylor College of Medicine

An NIH-funded postdoctoral associate/research associate position is available in the Department of Pediatrics at Baylor College of Medicine to study the molecular mechanisms of lung injury and abnormal lung development and angiogenesis by oxygen in newborn rodent models and cell lines. The successful candidate will use transgenic and knockout mice, cell lines, and apply state of the art molecular and cell biology techniques such as cloning, electrophoretic mobility shift assays, plasmid isolation, real time RT-PCR, chromatin immunoprecipitation, transfections, Western blotting, microarrays, RNA-seq, etc. Knowledge and skills in

molecular biology research and angiogenesis would be highly desirable. Please send CV to **Emily Pedraza** via E-mail: [emilyp@bcm.edu](mailto:emilyp@bcm.edu). (源于 *Science* [2013-03-08])



博士后

[美国] University of Arizona

Two postdoctoral positions are available to applicants in the laboratory of Dr. Janko Nikolich-Zugich in the Department of Immunobiology, College of Medicine, University of Arizona. For description of laboratory interests and publications, see website: <http://immunobiology.arizona.edu/faculty/janko-nikolich-zugich-md-Ph.D>. Qualified applicants will investigate T cell function and homeostasis in health, viral diseases, vaccination, and aging in a human and/or mouse model. Positions are also available to candidates interested in the broader role of inflammation and immunity in aging. Cellular immunology training is essential for this position. Interested individuals should send inquiries/CV and arrange for 3 letters of reference to be sent to: **Janko Nikolich-Zugich, MD-PhD, Head, Department of Immunobiology**. E-mail: [nikolich@e-mail.arizona.edu](mailto:nikolich@e-mail.arizona.edu). (源于 *Science* [2013-03-08])



博士后

[美国] National Institute on Aging

The National Institute on Aging (NIA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (HHS), is recruiting postdoctoral fellows with interests in Alzheimer's disease (AD) and/or age-associated memory impairment (AAMI) in the Unit of Clinical and Translational Neuroscience, within the Laboratory of Behavioral Neuroscience. This research represents an exciting new initiative within the NIA intramural research program (IRP) to enhance their understanding of disease mechanisms underlying risk factors for AD/AAMI, discover biologically relevant biomarkers that accurately reflect neuropathology and identify potential targets for effective disease modification/intervention. These studies combine multimodal neuroimaging methods to delineate changes in brain structure/function associated with risk factors for AD/AAMI; and employ mass spectrometry-based proteomic/metabolomic techniques for the identification of biomarkers related to pathological endophenotypes associated with neurodegeneration. The research benefits from the unique and rich longitudinal dataset available in the Baltimore Longitudinal Study of Aging (BLSA) as well as complementary patient cohorts such as AddNeuroMed that are available as part of ongoing international collaborations. Preference will be given to individuals who are able to work independently and within a team. Candidates must have a PhD in neuroscience/neuroimaging or MD, with less than 5 years of postdoctoral research experience. The position is located in Baltimore, MD, a city with a stimulating scientific and cultural environment, with proximity to the Johns Hopkins medical campus. Salary is commensurate with experience

and accomplishments. To apply, please send CV, a brief description of research interests, and 3 letters of reference to: **Madhav Thambisetty, MD, Ph.D., Unit of Clinical and Translational Neuroscience, Laboratory of Behavioral Neuroscience, at [thambisetty@mail.nih.gov](mailto:thambisetty@mail.nih.gov) or at Biomedical Research Center, 251 Bayview Blvd, Suite 100, Room 4B317, Baltimore, MD 21224-6825, USA.** (源于 *Science* [2013-03-08])



博士后

[美国] National Renewable Energy Laboratory

The National Renewable Energy Laboratory (NREL) Chemical and Materials Science Center (5900) seeks highly qualified postdoctoral candidates in the areas of chemical and nanoscale sciences, experimental materials science, and theoretical materials science. Through fundamental and applied research, the Center provides scientific understanding, discovery, and innovative solutions for energy conversion, storage, and utilization including solar electricity and fuels, advanced batteries, fuel cells, solid-state lighting, smart windows, and energy efficiency. Interested applicants can find additional information and apply for Requisition #2978 or search other openings at [www.nrel.gov/employment](http://www.nrel.gov/employment). (源于 *Science* [2013-03-08])



助理教授

[美国] University of New England

The University of New England invites applications for a tenure-track faculty position at the assistant professor rank in the Department of Biomedical Sciences in the College of Osteopathic Medicine (<http://www.une.edu/com>). The successful candidate will have expertise in cellular and molecular events of neuroplasticity, preferably focused on mechanisms involved in the transition from acute to chronic pain, opioid pharmacology including tolerance, dependence and/or addiction, and/or learning and memory. The candidate will join a growing group of neuroscience investigators examining the neurobiology of pain and opioid pharmacology across a variety of preclinical models using sophisticated imaging, molecular, and behavioral analyses (<http://www.une.edu/research/cen/>). The successful applicant is expected to build a dynamic, extramurally funded research program that complements existing strengths in pain research at the College and the Center. Applicants must have a doctoral degree, at least 2 years of postdoctoral training and a strong publication record. Additional responsibilities include team-based delivery of an innovative medical curriculum and academic service to the college and university. Applicants should submit a cover letter describing their interest in the position and an outline of their future research plans, along with a CV and the names and contact information of 3 references to: [careers@une.edu](mailto:careers@une.edu). Additional information can be found at <http://www.une.edu/hr/jobs/index.cfm>. (源于 *Science* [2013-02-27]) (责任编辑 孙杨慧(实习生), 秦政)