

· 全球招聘新闻 ·


 博士后岗位
 [美国] University of North Carolina
 at Chapel Hill

The UNC invites applications for two postdoctoral fellow positions, one in Applied Mathematics with emphasis on Experimental Fluid Dynamics (NSF-RTG), and one for a joint Applied Math-Marine Sciences position to investigate the fluid dynamics of small particle settling as applied to the ocean carbon cycle (NSF-CMG) at the University of North Carolina, Chapel Hill. The applicants should indicate positions name in cover letter. RTG Postdoctoral Fellows through their new National Science Foundation Research Training Group (RTG) award: "Laboratory and Mathematical Fluid Dynamics, Experiments, Computation, and Modeling." One year appointments may begin July 1, 2011 (or sooner), renewable for up to 2 additional years based on satisfactory performance. Candidates must be United States Citizens, or permanent resident aliens, and should have received a doctorate in applied mathematics, mathematics, physics, engineering, marine sciences, or a closely related field. The duties of this position include participating in experimental, computational, and modeling research centered around the laboratory fluid dynamics experiments in the UNC Fluids Lab. Additional duties include a 1-1 mathematics course teaching load. CMG Postdoctoral Fellowship funded through NSF: One year appointments may begin July 1, 2011 (or sooner), renewable for up to two additional years based on satisfactory performance. Candidates should have received a doctorate in applied mathematics, earth/ocean sciences, biological sciences, physics, engineering, or a closely related field, and have an interest in problems at the interface between fluid dynamics, biology and ocean biogeochemistry. The duties of this position will include working on experimental, computational and/or theoretical projects related to the physics of particle settling in stratification that impact vertical carbon fluxes and thin layer formation in the ocean. The candidate will also lead an interdisciplinary team of undergraduates and graduate students. More information on the UNC Applied Math Group can be found at www.amath.unc.edu, and the RTG website, <http://rtg.amath.unc.edu>. Applicants should submit i) a current vita with a publication list, ii) a current research statement, iii) three letters of recommendation (plus a fourth teaching letter for RTG applications). RTG applicants should include a teaching statement and a list of teaching experience. Send hardcopy applications to **Postdoc Search, Department of Mathematics, CB#3250 Phillips Hall, UNC Chapel Hill, Chapel Hill, NC, 27599-3250, USA**. Send electronic PDF applications to **Richard M. McLaughlin, rmm@email.unc.edu**, with subject header: RTG or CMG Postdoc Application. (源于 *Physics Today Job* [2011-01-07])


 博士后岗位
 [美国] Northeastern
 University

The Northeastern University is looking for exceptional candidates to

fill several postdoctoral positions. The group currently focuses on systems biology, social networks, as well as fundamental questions in complex systems. They are seeking candidates in each area. Their research on systems biology focuses on the properties of biological networks, with applications to metabolic modeling, flux balance methods, and human diseases. The research on social networks involves the study and modeling of extensive communication datasets. The successful applicants will perform basic or apply research of a limited scope, primarily using existing theories and methods. Assists in clinical research and experiments. Assists the supervisor in the interpretation and publication of results and grants. Prepares and writes research papers, presentations, grant proposals, etc. Primary responsibility is ensuring that the research is complete. The appointment generally does not extend beyond two years. The ideal candidate will have a recent PhD, a background in biophysics, computational biology, statistical mechanics, data mining, statistics or related areas and experience in computational modeling and analysis. Candidates with a strong analytical background and interest in interdisciplinary research will be also given particular attention. Experience with network theory is a plus, but not a requirement. A completed application consists of an E-mail containing (i) a current CV with publication list, (ii) a short statement of research experience and interests, and (iii) two letters of recommendations emailed separately by the writers to: **Trevor Gillaspy** by E-mail, t.gillaspy@neu.edu, or mail to **Northeastern University, Center for Complex Network Research, 110 Forsyth Street, Boston, MA 02115, USA**. (源于 *Physics Today Job* [2011-01-07])


 博士后岗位
 [美国] Albany Medical
 College

A three-year postdoctoral fellowship position is available to study iron transport mechanisms and membrane trafficking in polarized epithelial cells using advanced imaging approaches. For more information on their research, check **Margarida Barroso** on website: <http://www.Linkedin.com>. The optimal applicants should have hands-on experience in molecular biology techniques (ex. molecular cloning, transfection, or RNAi techniques) and an interest in learning advanced imaging techniques. The work is highly analytical and requires good technical expertise and computer skills. Preferred candidates are individuals with a recent PhD degree with a track record of productivity as evidenced by publications and good command of English. Please E-mail a cover letter describing past research experience, curriculum vitae, and the names and contact information of two references to: **Margarida Barroso, PhD, Assistant Professor, Center for Cardiovascular Sciences, Albany Medical College, 47 New Scotland Av, Albany, NY 12208, USA**. E-mail: barrosom@mail.amc.edu. (源于 *Science* [2011-01-07])



博士后岗位 [美国] Louisiana State University

Louisiana State University expects to have openings for two postdoctoral researcher or senior postdoctoral researcher positions, starting as early as the spring of 2011. The main research interests of the are theoretical quantum optics, quantum information theory, photonic band-gap materials theory and design, and theory of high powered lasers. The successful applicants will develop numerical codes for the modeling and design of photonic band-gap materials (PBG); develop quantum optical theories and simulations of light-matter interactions, particularly the modeling of squeezed light sources interacting with coherent matter and Bose-Einstein condensates; works closely with other Quantum Sciences and Technologies group members; produces high-quality publications. Application deadline is January 21, 2011 or until candidates are selected. Apply online at: www.lsusystemcareers.lsu.edu. Position #017846 and 021128. Required Qualifications: (Both levels) PhD or equivalent degree in physics, astronomy, or a related discipline; (Senior Postdoc) three years of related experience. Additional Qualifications Desired: Experience in quantum optical approaches to quantum information processing, quantum imaging, quantum sensing, and quantum metrology. (源于 *Physics Today Job* [2011-01-07])



博士后岗位 [美国] Harvard University

Harvard University invites applications or nominations for the Sarah and Daniel Hrdy Visiting Fellowship in Conservation Biology. The Hrdy Visiting Fellowship is available either at the senior faculty level or at the junior faculty (i.e., postdoctoral) level for one or two semesters. Duties include teaching one course and/or giving lectures in conservation biology, as well as research and collaboration with members of the Harvard community. Recipients of this fellowship are expected to have a strong and transformative effect on the study of conservation biology at Harvard, from the undergraduate to the senior teaching level. The fellowship includes a stipend with modest additional funds for research and teaching. Applicants should contact a faculty sponsor (s), with whom they will collaborate, before applying. Applications should include a cover letter with a statement of intent, curriculum vitae, and representative publications, and applicants should arrange to have three letters of reference sent. Please submit applications online at website: <https://webapps.sciences.fas.harvard.edu/apply/oeb-hrdy-2010/>. Applicants should contact a faculty sponsor (s), with whom they will collaborate, before applying. Applications should include a cover letter with a statement of intent, curriculum vitae, and representative publications, and applicants should arrange to have three letters of reference sent. Address questions about the application/nomination process to Mr. Christopher Preheim at E-mail: cpreheim@oeb.harvard.edu. Review of applications will begin on February 21, 2011. (源于 *Science* [2011-01-07])



博士后岗位 [美国] Boston College

Applications are solicited for a postdoctoral fellow to conduct experimental research in the area of subwavelength waveguide-based nanoscale optical microscopy. Applicants should have a PhD in condensed matter physics, electrical/optical engineering, materials science, or related fields. Experience in optics/ nanophotonics and/ or nanofabrication techniques is desirable. Applicants should submit a CV and brief statement of research interests, and the names of two or three references, to naughton@bc.edu. (源于 *Physics Today Job* [2011-01-12])



博士后岗位 [美国] University of Calgary

University of Calgary invites applications from motivated and creative individuals for several research positions. A new nanophotonics and quantum optics lab (Paul Barclay, <http://www.iqis.org/nanophotonics/>), with facilities both at the University of Calgary and the National Institute for Nanotechnology in Edmonton is recruiting individuals with interests in nanophotonics, quantum optics, optomechanics, optical sensing, low temperature physics and spectroscopy for graduate, postdoctoral, and research technician positions. The Quantum Information Technology group (Alex Lvovsky, <http://www.iqis.org/quantech/>) is seeking experimentalists with hands-on experience in at least one of their research areas, i.e. quantum light sources and detectors, quantum light-matter interface, ultracold atoms, for postdoctoral and graduate student positions. The researchers will have ample opportunities to develop theoretical, experimental, and nanofabrication skills while studying systems at the forefront of quantum science and engineering. Please contact their with CV if interested. (源于 *Physics Today Job* [2011-01-14])



博士后岗位 [美国] Baylor College of Medicine

A research position for a postdoctoral associate is available in the Department of Pharmacology at Baylor College of Medicine in the area of antibacterial drug discovery. The laboratory is interested in the structure, function, and inhibition of antibiotic resistance enzymes. The studies will involve protein purification and enzymatic screens of small molecule libraries and combinatorial libraries for inhibitor molecules as well as biochemical characterization of enzyme-inhibitor interactions. This position is suitable for candidates with experience in protein biochemistry, enzymology, or peptide synthesis. Candidates should have a PhD or MD degree and a strong record of productivity as evidenced by publications. Written and oral presentation skills as well as the ability to collaborate effectively are essential. Interested candidates should electronically send their curriculum vitae, along with the names of three

references to the address below: **Timothy Palzkill, PhD** (E-mail: pharmacology@bcm.edu). **Professor and Chair, Department of Pharmacology, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030, USA.** (源于 *Science* [2011-01-14])



博士后岗位
[美国] University of Pennsylvania

Germline Stem Cells Studies include culture, differentiation, and gene activity of male germline stem cells. See *Science* 316:404, 2007 and *Development* 136:1191, 2009. Send curriculum vitae, names of three references, and a letter describing research experience to: **R. L. Brinster, School of Veterinary Medicine, University of Pennsylvania.** E-mail: cpope@vet.upenn.edu. (源于 *Science* [2011-01-14])



助理教授岗位
[加拿大] University of Winnipeg

The Department of Physics at the University of Winnipeg is inviting applications for a tenure-track appointment at the rank of Assistant Professor. Candidates should hold a PhD in Physics, or equivalent, and preferably have postdoctoral experience. Theoretical research is in the areas of quantum gravity, quantum field theory, and quantum information theory while experimental research is conducted in areas of nuclear and particle physics, hyperpolarized nuclei, and PET/MRI studies. Further information about their Department can be found at <http://physics.uwinnipeg.ca/>. The successful candidate will have an outstanding research record in theoretical physics. The successful applicant will be expected to participate actively in the delivery of their honours physics program, supervise both graduate and undergraduate student research, and demonstrate a strong commitment to teaching physics at all levels. A strong interest in science outreach and advocacy is also an asset. Subject to budgetary approval, this appointment would commence on July 1, 2011. Interested candidates should send a curriculum vitae, and teaching and research statements, in addition to arranging to have three letters of reference, sent by February 7, 2011 to: **Dr. Dwight Vincent, Chair, Physics Department, University of Winnipeg, Winnipeg, MB R3B 2E9, Canada. Phone: (204) 786-9715. Fax: (204) 774-4134.** E-mail: physicsjob@uwinnipeg.ca. (源于 *Physics Today Job* [2011-01-05])



助理教授岗位
[瑞士] ETH Zurich

The Department of Biosystems Science and Engineering (www.bsse.ethz.ch) at ETH Zurich invites applications and nominations for an outstanding candidate in the area of biomolecular engineering. Ideally, the candidate should have a strong background in

biomolecular engineering, preferably with proteins in a context of biological systems engineering, and demonstrate the potential for building an excellent independent research group in the field with a focus on experimental approaches. The educational goal of D-BSSE is to teach students at both the undergraduate and graduate levels by integrating expertise and knowledge from biologists, chemists, physicists, engineers, computer scientists and mathematicians, along with industrial collaborators. The successful candidate will be expected to teach undergraduate level courses (German or English) and graduate level courses (English). Please address the application together with a curriculum vitae, a list of publications and a statement of research and teaching interests to the **President of ETH Zurich, Prof. Dr. Ralph Eichler**, no later than March 31, 2011. In order to apply for this position, please visit: www.facultyaffairs.ethz.ch. (源于 *Science* [2011-01-07])



助理教授岗位
[美国] University of California, Davis

The University of California at Davis is pleased to announce recruitment for a tenure-track faculty position in Microbiology/Immunology at the rank of assistant professor. Criteria for appointment include: a PhD or equivalent, a strong interest in microbiology/immunology of poultry (preferred) or livestock, a record of excellence in scholarly research, and demonstrable potential to establish a competitively funded research program relevant to animal health, pre-harvest food safety or disease ecology of the production environment. The appointee will be responsible for teaching an undergraduate course on concepts in immunology and domestic animal health, be actively involved in undergraduate advising, curricular development and department and university service. The appointee is also expected to guide and mentor graduate students and participate in the outreach programs of the department and college. Applicants should submit materials via the following website: <https://secure.caes.ucdavis.edu/Recruitment/>. Additional inquiries can be directed to Professor **K. C. Klasing, Recruitment Advisory Committee Chair, Department of Animal Science, One Shields Avenue, University of California, Davis, CA 95616, USA, telephone (530) 752-1901, kcklasing@ucdavis.edu**. The position will remain open until filled but to ensure consideration, applications should be received by February 15, 2011. (源于 *Science* [2011-01-07])



助理教授岗位
[美国] Lawrence University

The Department of Physics at Lawrence University invites applications for a three-year appointment as Visiting Assistant Professor of Physics to start 9/1/11. Applicants must hold the PhD

degree in physics or a closely related discipline and demonstrate genuine interest in working with undergraduates. They seek a conscientious teacher and a practicing physicist who will thrive in a four-year, liberal arts institution where close contact and collaboration with students are the norm. Prior teaching and/or postdoctoral experience preferred. Letters of application with a statement of teaching philosophy and experience, a research interests statement, vitae, and two letters of recommendation should be sent to: **Dr. Jeffrey A Collett, Department of Physics, 711 E. Boldt Way -SPC 24, Lawrence University, Appleton, WI 54911, USA.** Evaluation of candidates will begin on March 21 and continue until the position is filled. Additional information about Lawrence and the Department may be found at <http://www.lawrence.edu/physics>. (源于 *Physics Today Job* [2011-01-13])



助理教授/副教授岗位
[美国] University of
South Florida

University of South Florida is seeking a candidate for a tenure track position at the rank of assistant or associate professor. A successful applicant will employ structural, molecular and/or computational approaches to develop a mechanism-based drug discovery program related to neurodegenerative disease. Successful candidates for this position are expected to develop and maintain a competitively funded research program, and to participate in medical and graduate education. The successful candidate must have a doctorate in a biomedical sciences discipline with at least two years postdoctoral experience. Appointment at the level of associate professor requires a minimum of five years experience at the assistant professor level, a nationally recognized and federally funded research program and experience mentoring graduate students. Send a cover letter, curriculum vitae, research plan, statement of teaching philosophy, and arrange three reference letters to be sent by E-mail (with attached PDFs) to **Ms. Maxine Roth** at mroth@health.usf.edu. Review of applicants will begin immediately and continue until the position is filled. **Dr. Chad Dickey, Search Committee Chair, University of South Florida-Health, 12901 Bruce B. Downs Blvd. MDC7, Tampa, Florida 33612-4799, USA.** (源于 *Science* [2011-01-07])



助理教授/副教授岗位
[美国] University of
Maryland, College Park

University of Maryland, College Park invites applications for a nine-month, tenure-track position as assistant or associate professor in

nutrition. The successful candidate will be expected to sustain/develop an independent nutrition research program that focuses on the role of nutrition and dietary factors in the etiology, prevention, and treatment of chronic diseases such as obesity, cardiovascular disease, diabetes, or cancer. This individual will develop an outstanding research program that employs modern clinical and/or laboratory approaches to prevent and ameliorate human chronic disease by dietary means. The successful candidate must also have demonstrated ability or potential to teach and mentor graduate students as well as undergraduate dietetics and nutrition students effectively, possess excellent interpersonal and communication skills, and have the ability to work with others in a collegial team atmosphere. Candidates must have an earned doctorate in nutrition or related field. (Preferred) Certification as a Registered Dietitian is highly desirable. Applicants are to send a current (signed) curriculum vitae, representative publications, official transcripts, and the names and contact information for three professional references (include mailing address, telephone number, and E-mail address), and a cover letter describing the candidate's strengths, accomplishments, and future research plans to E-mail: jobs@umd.edu. If applicants have any further questions, contact **Dr. David K. Y. Lei**, the Chair of the Search Committee at E-mail: dlei@umd.edu. Closing Date: March 15, 2011, or until an acceptable candidate is identified. (源于 *Science* [2011-01-07])



助理教授/副教授岗位
[瑞士] University of Geneva

These full-time positions at the level of assistant or associate professor involve pre- and postgraduate teaching and research in the fields of metabolism or cardiovascular disease or biology of cancer or host pathogen interactions or stem cells. Candidates should have demonstrated experience in one of these specific fields. They must be able to develop and lead research programs in a particular aspect of the field and to coordinate research projects in collaboration with other medical specialties. They must be willing to participate in interdisciplinary projects as well as assuming all pertinent administrative tasks. A Doctorate of Science or Medicine (MD) is required and some knowledge of French is expected at term. The starting date for the position is June 1st 2011, or according to agreement. Applications must be sent before March 1st 2011, to: **The Dean of the Faculty of Medicine, Centre médical universitaire, 1 rue Michel-Servet, 1211 Genève 4 - Switzerland.** Information concerning applications and job description are available from sylvia.deraemy@unige.ch. Tel. +41 22 379 50 26. (源于 *Science* [2011-01-14])

(责任编辑 孙杨慧(实习生), 王芷)