

· 全球招聘新闻 ·


 博士后
[加拿大] TRIUMF

TRIUMF have an immediate opening for a postdoctoral Fellow (PDF) to join their Gamma-Ray Spectroscopy group, which is involved in a number of programs investigating a variety of nuclear structure, nuclear astrophysics, and fundamental symmetries topics at TRIUMF's Isotope Separator and Accelerator (ISAC) ISOL radioactive beam facility. The successful candidate will lead the construction and commissioning phases of the SPICE project. This will involve the assembly and testing of component parts, as well as optimization of performance through measurement and simulation. He/she will also take a lead role in the data analysis of the commissioning beamtimes and the dissemination of results as articles in peer-reviewed scientific journals and through presentations at national and/or international conferences. The opportunity also exists to lead independent research initiatives, and to directly supervise undergraduate and/or graduate students. They invite qualified candidates to submit an application package which will include the following: Employment Application Form; a cover letter quoting competition #338 and salary expectations; CV; 3 letters of reference; and send to: recruiting@triumf.ca. (源于 *Physics Today Job* [2012-07-18])


 博士后
[美国] University of Wisconsin-Madison

University of Wisconsin-Madison is seeking a postdoctoral researcher with experience in data analysis and detector development to conduct independent research projects focusing on neutrino astronomy and fundamental physics with data from the recently completed IceCube neutrino telescope at the South Pole. While research including IceCube's low-energy data is expected, it is not confined to this energy range or to atmospheric neutrinos. Opportunities exist to contribute in other areas, such as the search for point sources and diffuse fluxes of cosmic neutrinos, studies of higher energy atmospheric neutrinos, searches for dark matter, the study of the composition and arrival direction distribution of cosmic rays, or the search for neutrinos associated with gamma ray bursts and supernovae. Requirements: A recent (within the last 4 years) PhD in particle astrophysics, high-energy physics, or related fields, is required; The ability to analyze and interpret experimental data and strong programming skills (e.g. C++, python, ROOT); Preferences: Experience with detector testing or data acquisition development; Experience with hardware development, including familiarity with laboratory instrumentation and electronics; Experience with firmware development and/or hardware description languages (e.g. VHDL, Verilog). To apply send a current CV and contact information for three references to postdoc@icecube.wisc.edu. Have your referees send their letters to the same address. For

further information, E-mail Professor Albrecht Karle at karle@icecube.wisc.edu. (源于 *Physics Today Job* [2012-07-20])


 博士后
[美国] EMD Serono

EMD Serono Research Institute in Billerica, MA, opens postdoctoral research fellowship for Immuno-Oncology. The postdoctoral program at the EMD Serono Research Institute provides a venue for researchers and clinicians to have regular, meaningful interaction with a global network of internationally recognized experts. In this highly competitive and unique program, young scientists develop and hone their talents through training exercises, by providing forums for the exchange of scientific ideas, and through funding early efforts in translational cancer immunology. This is an unrivaled opportunity to be at the forefront of the field of Immuno-Oncology, working with some of the world's most well-known scientists. Research will be focused on studying mechanisms which lead to immunosuppression in the tumor environment, and tumor inflammation. Qualifications Include: completed doctoral training in a relevant discipline, preferably immunology; strong background in immunology or cancer immunology is required. Understanding of cancer biology is a strong plus; productive track record and lead-author publications in peer-reviewed journals are required, as is a strong desire to contribute creatively to the field of tumor immunology; and must be able to conduct research independently, while effectively collaborating with others in a team. To learn more and apply, please visit: www.emdserono.com/careers. (源于 *Science* [2012-07-20])


 博士后
[美国] Brown University

Brown University opens a position for postdoctoral research fellow. This training provides the opportunity to develop an independent research project using the tools of cell biology, biochemistry, molecular biology, and molecular epidemiology to study the basic mechanisms of disease related to environmental exposures. Opportunities are provided for clinical and translational research collaborations at Rhode Island Hospital and Women & Infants Hospital, as well as field work and community outreach in Rhode Island in collaboration with the Brown Superfund Basic Research Program. The faculty have active, well funded research programs and access to modern research facilities equipped for quantitative imaging; laser capture microdissection; genomics, epigenomics, and proteomics; flow cytometry; and transgenic animal models. The candidate is expected to have a PhD degree in toxicology, molecular or cell biology, or biochemistry. Candidates must be eligible for training grant support provided by the NIEHS Training Program in Environmental Pathology. This is a twelve-month appointment at

100% effort. Candidates should send a letter of application, curriculum vitae, and three letters of recommendation to: **Agnes B. Kane, MD, PhD, Professor and Chair, Director, NIEHS Training Program in Environmental Pathology, Department of Pathology and Laboratory Medicine, The Warren Alpert Medical School of Brown University, Box G-E5, Providence, Rhode Island 02912, USA.** (源于 *Science* [2012-07-20])



博士后
[美国] Arizona State University

Arizona State University Graduate College is now accepting applications for the Bisgrove Postdoctoral Scholars Program. The award (sponsored by Science Foundation Arizona) is designed to attract the nation's best early career scientists and engineers 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 and potential to transform ideas into value for society and the interest to work at the convergence of several disciplines. For application and submission procedures, go to website: <http://graduate.asu.edu/bisgrove>. (源于 *Science* [2012-07-20])



博士后
[美国] Syracuse University

Syracuse University opens a postdoctoral research associate position to work on a project in collaboration with the IBM superconducting quantum information group to fabricate and measure novel superconducting qubit circuits in the laboratory of Prof. Britton Plourde. Experience in any of the following areas is desired: thin-film vacuum deposition and characterization, nanofabrication, low-noise and low-temperature measurement, microwave techniques, and experimental quantum information processing. The position is available to start immediately. For full consideration, qualified candidates must complete an online application at www.sujobopps.com (job number 028304) and attach their curriculum vitae, a list of publications, a statement of their qualifications, and the email addresses of three references. Review of materials will begin immediately and applications will be considered until the position is filled. (源于 *Physics Today Job* [2012-07-23])



助理教授
[加拿大] University of Alberta

University of Alberta (www.physics.ualberta.ca) invites applications for a tenure-track faculty position in theoretical condensed matter physics. They primarily seek candidates at the assistant professor level, but exceptional candidates at a more senior level may be

considered. Applicants must possess a PhD, have outstanding promise in research and be committed to teaching. The successful candidate will be expected to build a strong research program, supervise graduate students and teach at the undergraduate and graduate levels. The successful candidate will be considered for nomination as a Canada Research Chair at the Tier II level. The application should include a curriculum vitae, a research plan, and a description of teaching experience and interests. The applicant must also arrange to have at least three confidential letters of reference sent to the address below on or before October 15, 2012. Consideration of applications will begin by that date and continue until the position is filled. Interested applicants may apply to: **CMP Search & Selection Committee, Dr. Mauricio Sacchi, Chair, Department of Physics, University of Alberta, Edmonton, AB, Canada. E-mail : msacchi@ualberta.ca. Fax Number : (780) 492-6092.** (源于 *Physics Today Job* [2012-07-18])



博士后
[美国] Lawrence Berkeley National Laboratory

Lawrence Berkeley National Laboratory offers an immediate opportunity for a postdoctoral fellow to work on the development of advanced photocathodes. This position reports to the Division Deputy for Experimental Systems (ESG). Key Responsibilities: Work on methods for the growth and characterization of thin film compound semiconductor photocathodes such as the alkali antimonides and tellurides; Maintain and develop a thin film growth and characterization laboratory; Document and communicate the results of work in reports and oral presentations, including participation in meetings, reviews, conferences, and publications in refereed journals. Qualifications: Recent PhD in Physics or Engineering or related discipline; Comprehensive knowledge of thin film growth techniques such as sputtering and MBE; Comprehensive knowledge of analytical techniques for assessing material characteristics, including x-ray diffraction, electron microscopy, x-ray photoelectron spectroscopy, and optical spectroscopy; Knowledge of ultra-high vacuum techniques and instrumentation. Apply directly online at <http://bit.ly/lbl74928PhysicsToday> and follow the instructions to complete the application process. (源于 *Physics Today Job* [2012-07-23])



助理教授
[瑞士] ETH

ETH Zurich (www.chab.ethz.ch) invites applications for assistant professor (Tenure Track) of Computer-Aided Chemistry. Research should preferably aim at modeling the behavior of (bio)chemical systems at the atomic, molecular, and supramolecular level on a physico-chemical basis. Strong methodological, algorithmic, and computational activities, including practical applications, are desirable. Collaboration with experimental groups at ETH as well as

teaching (in German or English) in all areas of physical and computer-aided chemistry is encouraged. This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position. Your application should include your curriculum vitae, a list of publications and a statement of future teaching and research activities. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 30 September 2012. Please apply online at www.facultyaffairs.ethz.ch. (源于 *Science* [2012-07-20])



助理教授

[美国] University of Maine

University of Maine (UMaine) seek a terrestrial palynologist with a strong background in plant ecology. Qualifications: A PhD is required by date of hire in a relevant area of biological or environmental sciences, with a background in terrestrial plant ecology. In addition, a documented ability to conduct high-quality scientific research, as evidenced by publications in peer-reviewed journals, is essential. Other measures of potential for success such as postdoctoral experience, prior success in obtaining funding, student teaching, mentoring, and interdisciplinary collaboration are desirable. To apply, submit curriculum vitae, statements of teaching and research interests, unofficial copies of transcripts, and three letters of recommendation in PDF form to **E-mail: sbe@umit.maine.edu or in hard copy to: Chair, Terrestrial Paleocology Search Committee, School of Biology & Ecology, 5751 Murray Hall, University of Maine, Orono, ME, 04469, USA.** Review of applications will begin August 27, 2012 and will continue until the position is filled. Incomplete applications cannot be considered. Appropriate background checks will be required. On January 1, 2011, UMaine became a tobacco-free campus. Information regarding UMaine's tobacco-free policy is online at **website: <http://umaine.edu/tobaccofree/>**. (源于 *Science* [2012-07-20])



副教授/教授

[美国] University of Maryland

University of Maryland School of Medicine seeks a Physician Scientist at the associate or full professor level to join the University of Maryland Asthma Research Program. Applicants must be BC in pulmonary and critical care medicine and have ongoing NIH-sponsored basic or translational research programs focused on asthma. Please reference position #03-309-692 when applying. All interested candidates should submit cover letter, CV and a brief statement summarizing clinical and research interests to **Jeffrey D. Hasday, MD, Division Head, University of Maryland Pulmonary and Critical Care Medicine Division, c/o Robyn Crandell**

(rcrandel@medicine.umaryland.edu), Academic Programs Office, 22 S. Greene Street, N3E10, Baltimore, MD, 21201-1192, USA. Candidates can learn more about the division from their website www.umm.edu/pulmonary/index.html. (源于 *Science* [2012-07-20])



副教授/教授

[美国] Harvard School of Dental Medicine

Harvard School of Dental Medicine is recruiting a full time Investigator at the level of professor or associate professor in the Department of Oral Medicine, Infection and Immunity (Chair: Dr. Roland Baron) or Department of Developmental Biology (Chair: Dr. Vicki Rosen). The Professor/Associate Professor will have laboratory/office space in the Research and Education Building in the Longwood Medical Area adjacent to Harvard Medical School and Harvard School of Public Health. The successful candidate will complement and strengthen current basic and translational research in skeletal and vascular biology, genetics and pathology. The successful candidate must have an outstanding record of innovative, internationally recognized and well-funded programs in basic science or translational research in extracellular matrix biology or in areas of skeletal development and disease mechanisms. Significant experience in teaching medical/dental and/or graduate students and training of postdoctoral fellows is also required. Administrative experience with initiating/overseeing/evaluating research programs at the level of laboratory/division/or department is highly desirable. Interested candidates may submit their curriculum vitae to: **Bjorn R. Olsen, MD, PhD, Dean for Research, Harvard School of Dental Medicine, 188 Longwood Avenue, Boston, MA 02115, USA. E-mail: bjorn_olsen@hma.harvard.edu**. (源于 *Science* [2012-07-20])



助理教授/副教授/教授

[美国] Radcliffe Institute

Radcliffe Institute opens a position. The Radcliffe Institute for Advanced Study at Harvard University annually awards academic-year fellowships that enable scientists and mathematicians to pursue innovative research while participating in the Institute's diverse scholarly community. While at Radcliffe, these fellows are able to work in Harvard and Boston-area labs and with faculty and other fellows to explore new avenues in their research. Scientists in any field who have a doctorate in the area of the proposed project (by December 2011) and at least one published article or monograph are eligible to apply for a Radcliffe Institute fellowship. The stipend amount of \$70,000 is meant to complement sabbatical leave salaries of faculty members. Residence in the Boston area is required, as is participation in the Institute community. Applications for 2013-2014 are due by November 1, 2012. For more information, please visit www.radcliffe.harvard.edu. (源于 *Science* [2012-07-20])



教授

[德国] University of Stuttgart

University of Stuttgart invites applications for the position of a W3–Professor for Laser–Based Systems in Aerospace Engineering. They are looking for internationally recognized applicants with excellent skills in research and development in several of the aforementioned fields and with good contacts to relevant industry. Expected are good didactic skills, participation in teaching and interdisciplinary cooperation with partners from academia, government and industry. In particular, existing collaborations with other institutes of the DLR and the University of Stuttgart, the Helmholtz Association of German Research Centres, and with national and international partners should be expanded. Several years of industrial activity and experience in managing large staff teams are an asset. Written applications (including CV, teaching record, list of publications) should be sent no later than 7th of September 2012 to **Prof. Rolf Henke, member of the executive board of the DLR (E-mail: DLR-W3 –Bewerbung@dlr.de), Deutsches Zentrum für Luft – und Raumfahrt e.V., Linder Hoehe, 51147 Cologne, Germany.** (源于 *Physics Today Job* [2012–07–19])



教授

[美国] Grove City College

Grove City College announces a faculty opening in the Department Physics beginning in July 2013. A PhD in Physics or Astronomy is required. Responsibilities include teaching Astronomy, introductory physics classes, experience with robotic telescope instrumentation, and an ability to supervise meaningful undergraduate research. Their observational facilities include an on–campus and a remote observatory. Successful candidates must be able to effectively communicate theory in the classroom as well as develop innovative lab and project experiences. Send letter of application, vita, transcripts, names of four references (three professional and one pastoral), a brief statement of how you would engage undergraduates in your research plans, and a four to five paragraph essay relating your philosophy of a liberal arts education and teaching Physics/Astronomy to the College's unique mission as a Christian college (see www.gcc.edu) to: **William P. Anderson, Jr.; PhD, Provost and Vice President for Academic Affairs, Grove City College, 100 Campus Drive, Grove City, PA 16127–2104, USA or electronically to laklaiber@gcc.edu.** (源于 *Physics Today Job* [2012–07–20])



教授

[美国] The Methodist
Hospital Research Institute

The Methodist Hospital Research Institute is recruiting for two PET chemistry professors (rank open) to join the dynamic PET program. The department manages a brand new state-of-the-art PET facility, including a GE PET race (16.5 MeV) negative ion isochronous

cyclotron and 10 hot cells. It is equipped to synthesize F–18, O–15, N–13, C–11 and Cu–64 containing PET tracers. The department also operates a dedicated human PET/CT scanner (Gemini TF, Philips) for human trials and large animal imaging, and a PET/SPECT/CT small animal imaging system (Inveon, Siemens). The Methodist Hospital Research Institute is centrally located in the world largest medical center in Houston, Texas. Experience in oncology, neurology or cardiovascular diseases is preferred. Applicants should have a successful track record of independent federal funding as principle investigators. Please submit a curriculum vitae and a brief statement of research to: **Dr. Ching H. Tung, Department of Translational Imaging, Methodist Hospital Research Institute, Houston, TX, USA. E-mail: ctung@tmhs.org.** (源于 *Science* [2012–07–20])



教授

[日本] RIKEN

RIKEN invites applications for 2 Chief Scientists (Laboratory Directors) in the area of XFEL/SR research. The RIKEN SPring–8 Center (RSC) is a photon science research institute with two world–class facilities: SACLA an X–ray Free Electron Laser (XFEL) and SPring–8 a 3rd generation synchrotron radiation (SR) facility. One Chief Scientists will join the Innovative Light Sources Division and one will join the Photon Science Research Division. The post is a permanent appointment, subject to RIKEN's mandatory retirement age of 60. Applicants should send a CV and photograph; list of publications; one copy each of 5 key publications; Choice of Division and a statement (five sides of A4) explaining their research experience, reasons for their application and proposals for research planning at RIKEN. The names and addresses of 3 referees are required. Applicants should address all correspondence to: Dr. Masaki Takata, Head of the Chief Scientist Nominating Committee, Structural Materials Science Laboratory, RIKEN SPring–8 Center, RIKEN Harima Institute, Koto 1–1–1, Sayo–cho, Sayo, Hyogo 679–5148, Japan. E-mail: takatama@spring8.or.jp. Visit: http://www.riken.jp/eng/r-world/info/recurit/k120930_e_rsc.html. (源于 *Science* [2012–07–20])



博士后

[美国] University of Kentucky

They seek an experimental nuclear/particle postdoctoral researcher to join the nuclear group's activities in precision muon physics. Their group is playing a leading role in Fermilab experiment E989, a new precision measurement of the muon anomalous magnetic moment. This effort includes responsibility for the high–speed data acquisition system and related activities in data analysis and data simulations. Applicants should have a PhD in experimental nuclear or particle physics and experience with data acquisition and data analysis. Submit CV, a statement of research interests, and names and E–mail addresses of 3 references to Prof. Tim Goringe at goringe@pa.uky.edu. (源于 *Physics Today Job* [2012–07–19])

(责任编辑 孙杨慧(实习生),秦政)