

· 全球招聘新闻 ·



博士后  
[美国] Massachusetts General Hospital

Postdoctoral research opportunities are available in the area of biomedical optics at the Massachusetts General Hospital in the Wellman Center for Photomedicine. Candidates with strong backgrounds in Engineering, Optics, Physics and other relevant disciplines are sought to join leading efforts in the development and application of new optical technologies such as next-generation Laser Speckle Rheology, Optical Coherence Tomography, miniature endoscopic imaging probes and multimodality imaging. Application areas include the clinical translation of minimally invasive optical tools for the diagnosis of cardiovascular disease and blood disorders, as well as basic research in tissue micro-mechanics. The successful candidate will possess the ability to coordinate research activities in a timely manner to design and develop optical systems, perform, troubleshoot, analyze and publish studies. PhD (or equivalent) in Physics, Electrical Engineering, Biomedical Engineering, or a related field is required. Demonstrated excellence in two or more of the following areas is required: tissue optics, optical imaging systems, optical design, optical system fabrication, fiber optic systems and components, clinical translation of novel optical devices. Advanced programming skills in Matlab, LabView and/or Visual C++ are required. To apply: Interested candidates should send their detailed CV, a cover letter describing training and research experience, and names and contact information of three referees. Send correspondence via E-mail to **Dr. Seemantini Nadkarni at [mghwcpnadkarniresearch@partners.org](mailto:mghwcpnadkarniresearch@partners.org)** with the subject line: Postdoctoral application in Biomedical Optics. (源于 *Science* [2014-04-04])



博士后  
[美国] J. Craig Venter Institute

J. Craig Venter Institute opens a post-doctoral position to work on a host-pathogen RNA-seq project and other Human Microbiome projects. Responsibilities will include development and implementation of algorithms and statistical tools for analysis and interpretation of gene expression and -omics datasets. You will apply these methods to data generated from next-generation sequencing platforms. You are expected to be knowledgeable in taxonomic and functional analysis of sequence data, biodiversity estimation, sequence mapping and assembly, and machine learning approaches. Qualified candidates will possess a PhD in Bioinformatics, Computational Biology, Computer Science, ecological or biological sciences or other disciplines with training and experience in computational analysis and understanding of Microbial Ecology. The eagerness and ability to write peer-reviewed publications and grant proposals is highly desired. A

strong demonstrated computer programming experience, including knowledge of major programming languages: compiled (C/C++ or Java), scripting (Perl, Python or Ruby), statistical computing (R) and SQL is desirable. For more information and to apply to this position (GENO1007), please visit their website at <https://careers.jcvi.org/careers/>. (源于 *Science* [2014-04-10])



博士后  
[美国] University of California, Irvine

University of California, Irvine opens a psychiatric genetics postdoctoral fellowship position. Candidates must hold a PhD, and/or MD degree with experience preferably in the fields of Psychiatry, Neuroscience, Genetics, Psychology, or related field. Desirable background in postmortem brain research, statistical analysis, molecular biology techniques, mitochondrial function, suicide research, and clinical translational studies. Publications in one or more of these specialized fields are required. Positions are dependent on extramural funding and research contracts of two PI's, Dr. William E. Bunney and Dr. Marquis P. Vawter. The candidate for this position will work collaboratively on variety of projects: postmortem gene expression and genetics, sleep deprivation, circadian, major depression biomarker clinical study, mitochondria functional assays including measures of oxidative respiration in cell lines from patients with psychiatric disorders and effects of psychotropic medications and drugs on mitochondria function. Current projects involve sleep deprivation, circadian, postmortem gene expression and genetics. Experience in any of these fields and interests in these will be essential to working with investigators at UCI in this postdoctoral position. **Apply at <http://jobs.sciencecareers.org/job/328196/psychiatric-genetics-postdoctoral-fellowship-opportunity-in-southern-california/>**. (源于 *Science* [2014-04-10])



博士后  
[美国] The Dartmouth Institute for Health Policy and Clinical Practice

The Dartmouth Institute for Health Policy and Clinical Practice seeks to hire one or more fulltime postdoctoral fellows with training in health services research, health economics, decision sciences, behavioral science or a related discipline. The successful candidate will join a multidisciplinary team of investigators working in one of three priority research areas: Evaluating health care delivery and payment system reform; Patient engagement and shared decision-making; Implementation and evaluation of new models of care. Candidates for this fulltime 2-year fellowship, must have a recently-awarded PhD, MD/PhD, MD/MPH or MD/MS. You will participate in research projects and his/her responsibilities will include literature reviews, data analyses and

manuscript writing. You will also have the opportunity to participate in Career Development Seminars. The candidate will be encouraged and expected to develop an independent line of research. There is a potential for progression into further employment opportunities at the faculty level. To apply, candidates should send their CV, a list of three professional references, three manuscript writing samples, and a cover letter to: Glyn Elwyn, MD, PhD, Professor of The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of Medicine at Dartmouth, ATTN: Post-Doctoral Fellowship, 35 Centerra Parkway, Lebanon, NH 03766, USA. **E-mail: TDI.PostDoc@dartmouth.edu.** (源于 *Science* [2014-04-10])

 **博士后**  
[美国] J. Craig Venter Institute

The J. Craig Venter Institute is seeking a postdoctoral fellow to join Dr. Sarah Highlander's team at La Jolla, CA location. Responsibilities will include, but are not limited to: Design and implement computational methods for metagenomic sequence assembly and read mapping; Statistical analysis of microbial metagenomic data; Database design and implementation; Limited wet-lab activities: DNA extraction, PCR, qPCR; Experimental design, execution and data analysis; Publication of results in peer-reviewed journals; Assistance with project development and proposal preparation. Qualified candidates will possess a PhD in Bioinformatics or Computational Biology, or in Biomedical Science with a strong evidence of computational experience. Some training in microbiology or infectious disease would be ideal. Demonstrated computer programming skills with C/C++ and Perl or Python scripting expertise is required. The candidate should be familiar with various bioinformatics programs, public genomics resources and databases, and mathematical and statistical analysis methods. Candidates must have a high level of initiative, good troubleshooting capabilities, excellent organizational and time management skills, the ability to work with minimum supervision, flexibility to handle a variety of tasks, and be able to shift priorities quickly. For more information and to apply to this position, please visit their website at [www.jcvi.org](http://www.jcvi.org). (源于 *Science* [2014-04-10])

 **博士后**  
[美国] Biodesign Institute

Biodesign Institute opens a postdoctoral position to develop methodologies and study evolutionary questions related to mutation and short-read sequencing. Successful applicants will join a rapidly growing and well-funded lab involved on a variety of active research projects and collaborations. Current projects include (1) the analysis of ciliate mutation accumulation lines, (2) the development of software for de-novo mutation detection from traditional and single-cell sequencing datasets, (3) the analysis of

non-pathogenic somatic mutation patterns in mammals and plants, (4) the study of indel patterns across the tree of life, (5) characterizing mutations and fitness-landscapes of metabolically engineered microbes, (6) population genetics of malaria parasites, (7) the construction of phylogenies from short-read, whole genome datasets, and (8) simulation techniques for molecular evolution research. Required Qualifications: PhD in genomics, bioinformatics, or a related field. Desired Qualifications: 1. Experience working with genomes and evolutionary analyses; 2. Knowledge of programming languages including Python and C++; 3. Knowledge of statistical methodologies; 4. Experience with short-read sequencing. To apply, forward one document that includes a cover letter, detailed CV, and names of 3 references to [cartwright@asu.edu](mailto:cartwright@asu.edu). (源于 *Science* [2014-04-11])

 **博士后**  
[美国] National Institutes of Health

The National Institutes of Health opens a postdoctoral fellowship for a computational biologist. The applicant should have a strong background in some aspect of systems biology, bioinformatics, statistics, and genetics and molecular biology. The ideal candidate for this position will exhibit flexibility, creativity, independence and exercise sound judgment. Initial projects will include analysis of DNA sequence, microarray, and RNAseq data plus modeling of biologic processes and disease. Specific areas of Hematology Branch investigators interest and exploration include normal, failed, and malignant hematopoiesis and early events in oncogenesis. While the fellowship will be based within the Hematology Branch, the incumbent will be expected to interact closely and regularly with systems biologists elsewhere in the NHLBI systems core other Institutes at the NIH, as well as with the computational group in the trans-NIH Center for Human Immunology. Applicants must have a PhD, MD/PhD, or MS degree awarded within the last 5 years. To apply, click on the button below, or submit a CV, cover letter, and contact information for three references to: **Dr. Neal Young, Branch Chief, Hematology Branch, NHLBI, Building 10-CRC, Room 3-5140, Bethesda, MD 20892-1476, USA. E-mail: Neal.Young@nih.gov.** (源于 *Science* [2014-04-13])

 **博士后**  
[美国] National Institutes of Health

National Institutes of Health opens a postdoctoral fellowship in telomere biology. The applicant should have a strong background in molecular biology with focus on telomere physiology. The ideal candidate will exhibit flexibility, creativity, independence and sound scientific judgment. Initial projects will include assay development, telomere attrition in genetic disease and regenerative syndromes, and telomere attrition as it relates to human cancer. This position will include interaction with clinicians and involve

working with tissue samples from patients on research protocols. Applicants must have a PhD or MD/PhD awarded within the last 5 years. To apply, click on the button below, or submit a CV, cover letter, and contact information for three references to: **Dr. Neal Young, Branch Chief, Hematology Branch, NHLBI, Building 10-CRC, Room 3-5140, Bethesda, MD 20892-1476, USA. E-mail: Neal.Young@nih.gov.** (源于 *Science* [2014-04-13])



博士后  
[美国] LA BioMed/Harbor-UCLA

Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center (LA BioMed) are recruiting for a postdoctoral fellow to develop therapeutic proteins for lysosomal diseases. The candidate must have a PhD in life sciences, preferably biological chemistry, or an MD. He or she must be able to work independently in construct design, protein production, protein purification, and enzyme characterization. The project requires a highly motivated, highly collaborative individual with superb technical and communication skills. The fellow will have a great deal of creative input and opportunities to develop his or her own project, learn new techniques, participate in grant writing, attend seminars and other academic activities, and present at national and international conferences. In addition the fellow will have the opportunity to interact with members of the rare disease community and will have the potential to have a significant impact on a devastating rare disease. This position is an excellent stepping stone to a career in academia, government research laboratory or industry. Interested candidates should forward a cover letter, C.V., and the names/addresses of 3 references to Dr. Sean Ekins at [ekinssean@yahoo.com](mailto:ekinssean@yahoo.com) and Dr. Patricia Dickson at [pdickson@ucla.edu](mailto:pdickson@ucla.edu). (源于 *Science* [2014-04-14])



助理教授  
[美国] Virginia Bioinformatic Institute

Virginia Bioinformatic Institute opens a position for research assistant professor in Computational Biology. The Virginia Bioinformatics Institute (VBI) at Virginia Tech performs world-class informatics research in life sciences, social sciences, and human health by integrating theory, modeling and simulation with computational and experimental science in a transdisciplinary, team science research environment. The Institute's mission is to solve some of society's most important problems affecting life sciences, social sciences and human health through transdisciplinary informatics research and education. The successful candidate will have: PhD, in bioinformatics and computational biology, or related field; Training in host-pathogen interaction, immunology, inflammation, or microbiome research; Participated in the development of extramural funding submissions; Research interests aligned with the NIMML and VBI programmatic goals; Demonstrated expertise in mRNA and miRNA

sequencing analyses; Demonstrated record of publication in high impact journals peer-reviewed journals; Capable of working in a team science environment with a strong inclination for transdisciplinary and translational science; Creativity, independence, and self-motivation, with good communication skills. Interested candidates should submit a current CV, letter of research interest, and listing of professional references upon applying through [www.jobs.vt.edu](http://www.jobs.vt.edu), posting **SR0140053**. (源于 *Science* [2014-04-10])



助理教授  
[美国] The University of Texas  
Medical School at Houston

The University of Texas Medical School at Houston has tenure track assistant professor positions open for investigators with research and/or clinical expertise in areas related to obesity and metabolic disease. Responsibilities will include the development of a funded, internationally recognized research program that complements existing activities and integrated with clinical resources. The Center is a part of The Brown Foundation Institute of Molecular Medicine for the Prevention of Human Diseases located within the Texas Medical Center, which includes UT Health Science Center, Baylor College of Medicine, Rice University and MD Anderson Cancer Center. Attractive start-up packages and competitive salaries and benefits will be provided. To apply, please fill-out application on-line @ <http://jobs.uth.tmc.edu>, requisition # **141421**. You will need to attach your Curriculum Vitae, and a letter that addresses the position criteria and includes description of future research plans. Three letters of reference should be sent directly to **Dr. Mikhail G. Kolonin** by E-mail: [Mikhail.G.Kolonin@uth.tmc.edu](mailto:Mikhail.G.Kolonin@uth.tmc.edu). (源于 *Science* [2014-04-11])



[美国] Syracuse University

Syracuse University invites applications for a tenure-track assistant professor to begin in August 2014. Candidates should hold an earned doctorate in exercise physiology or related discipline; post-doctoral experience is highly preferred. The successful candidate will be expected to contribute to undergraduate teaching in the Health and Exercise Science and Physical Education majors, to teach at the graduate level, and to advise MS and PhD student research. All candidates must complete an on-line application at [www.sujobopps.com](http://www.sujobopps.com) and attach a current CV, cover letter explaining your interest in the position, research statement (attach to other document) and contact information for 3 references to provide letters of recommendation. Questions about the position should be sent by email to the Search Chair, Keith DeRuisseau, [koderuis@syr.edu](mailto:koderuis@syr.edu). (源于 *Science* [2014-04-11])

(编辑 孙杨慧(实习生), 石萌萌)