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**Science Careers**  
from the Journal of Science

**POSITIONS OPEN**

**POSTDOCTORAL RESEARCH OPPORTUNITIES**

**Albert Einstein Cancer Center**

Postdoctoral positions are available at the Albert Einstein Cancer Center, a major NCI-designated research institute with a broad spectrum of interdisciplinary programs and core laboratory facilities.

Research opportunities encompass: DNA repair in cells under genotoxic stress; Replication of telomeres in human embryonic stem cells; Cell fate decisions of normal- and leukemia-stem cells; Molecular evolutionary basis of HPV carcinogenesis; Selective small-molecule targeting of EBV-associated lymphomas; Cancer promotion and the liver cell cycle; The epigenetics of lung carcinogenesis; Tumor genomics of breast cancer metastasis; Glycans in cancer, immunity, development and Notch signaling; Studies on intestinal stem cell secretomes; Resistance mechanisms to targeted and anti-angiogenic drugs; Drug transporters—molecular genetics, resistance, structure-function; and PI3K pathway alterations in uterine papillary serous carcinoma.

To learn more about these projects and their faculty mentors as well as other training opportunities, go to **website:** <http://www.einstein.yu.edu/cancer> click on postdoctoral training.

The Albert Einstein College of Medicine is located in a residential area in close proximity to Westchester County with easy access to Manhattan. Apply through the Cancer Center webpage (as above) or write to: **Dr. Richard Seither, Albert Einstein Cancer Center, Jack and Pearl Resnick Campus, 1300 Morris Park Ave, Bronx, NY 10461.**

*The Albert Einstein College of Medicine is an Equal Opportunity Employer.*

**POSITIVE PSYCHOLOGY POSTDOCTORAL FELLOW**

The Positive Psychology Center at the University of Pennsylvania seeks an outstanding Postdoctoral Fellow to begin summer or Fall 2012, for one or more years. The fellow will analyze data and prepare publications for a large research grant on Positive Health among Army Soldiers—exploring on a large scale the influence of psychological and physical health assets on illness, health care utilization, and health care expenditure. Analyses will be conducted with large U.S. Army datasets. The fellow will work with Dr. Martin E.P. Seligman and other senior scientists. Experience with large-scale data sets using advanced statistics, as well as an understanding of the interface between mental and physical health is required. Individuals with a Ph.D. in psychology, health and human development, social epidemiology, or a related field are encouraged to apply. Applications will be reviewed on a rolling basis. The specific location (university) of this fellowship is TBD. Please send curriculum vitae, statement of interest (two pages max), and at least three references to: Libby Benson, **e-mail:** [lbens@psych.upenn.edu](mailto:lbens@psych.upenn.edu). *The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer.*

Two **POSTDOCTORAL POSITIONS** are available at Department of Structural Biology, University of Pittsburgh School of Medicine. We are seeking self-motivated postdoctoral scientists with interpersonal and problem-solving skills. The individual will be leading multiple projects investigating virus-host cell protein interaction utilizing various biophysical techniques including, but not limited to, CD, DSC, SPR, ITC, light-scattering, Fluorescence, NMR, and X-ray crystallography. He/She will be also performing protein expression and purification in *E. coli*, insect cells and mammalian cells.

Please visit our **websites:** (1) <http://www.structbio.pitt.edu/webusers/protein> and (2) <http://www.hivppi.pitt.edu> for more detail.

Candidate must hold a Ph. D. and have a strong background in protein biochemistry and biophysics. For consideration, please send detailed curriculum vitae, cover letter, and three references to **Dr. Jinwoo Ahn, e-mail:** [ja12@pitt.edu](mailto:ja12@pitt.edu).

*The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer.*

**POSITIONS OPEN**

**KOCH POSTDOCTORAL TEACHING FELLOW**

The Department of Ecology and Evolutionary Biology (EEB) at Tulane University seeks to fill the inaugural Koch Postdoctoral Teaching Fellowship in Plant Ecology And Evolution, pending budgetary approval (**website:** <http://tulane.edu/sse/eebio/about/kochfellow.cfm>). The position is a two-year appointment, with faculty status and a start date of July 1. The department aims to recruit outstanding researchers with a Ph.D. and prior postdoctoral research experience who will merge excellence in teaching (30%), research (60%), and service (10%). Applicants are encouraged to identify a potential faculty collaborator in EEB, although those interested in independent research will be given consideration. Applicants should describe botanical courses they would be able to teach, including courses that are not in the existing curriculum and could be taught as special topics. An application (curriculum vitae, statement of research interests, and statement of teaching philosophy and interests) and three letters of recommendation focusing on both research excellence and teaching potential should be submitted electronically to the Search Committee (**e-mail:** [ecolevol@tulane.edu](mailto:ecolevol@tulane.edu)). Please write "Koch Fellow" in the subject line. Application review will begin immediately, and the position will remain open until filled.

*Tulane University is an Equal Employment Opportunity/Affirmative Action/ADA employer committed to excellence through diversity. All eligible candidates are invited to apply.*

**POSTDOCTORAL POSITION in Brain Targeting/Cancer Immunology**

A position (two years) is available immediately in the laboratory of **Ulrich Bickel, M.D.**, Department of Pharmaceutical Sciences, Texas Tech University Health Sciences Center at Amarillo. Our group focuses on blood-barrier transport mechanisms and drug delivery. The successful applicant will work on an innovative new project exploring the targeting of breast cancer metastases in brain using a novel type of monoclonal antibody (*J. Cell Physiol.* **225**:664-672; *J. Immunol.* **186**:3265-3276) funded by the DoD Breast Cancer Research Program. Candidates with background in pharmacology/pharmaceutical sciences or related areas and with hands-on experience in pharmacokinetic studies in rodents, cell culture, and histological techniques, including (confocal) fluorescence microscopy are preferred. For more information about this position and to apply, visit our **website:** <http://jobs.texastech.edu>. *Equal Opportunity Employer/Affirmative Action/ADA.*

Mount Sinai School of Medicine has **POSTDOCTORAL POSITIONS** available through its NCI funded training program in cancer biology. Areas of interest include: cellular signaling involving both oncogenes and tumor suppressor, regulation of gene expression including epigenetics, developmental biology, cell cycle, apoptosis, and molecular epidemiology. These positions are open to U.S. citizens or permanent residents with an M.D. or Ph.D. with experience in molecular/cellular biology. Salary will follow NIH guidelines and depend on experience. For a list of training faculty, please see **website:** <http://fusion.mssm.edu/training/faclist2.cfm?sec=8>.

Highly motivated candidates are encouraged to send or electronically send an application including a cover letter, a curriculum vitae, and contact information of three references to: **Postdoctoral Training in Cancer Biology, MSSM, One Gustave L. Levy Place, Box 1130, New York, NY 10029. E-mail:** [cancer.biology@mssm.edu](mailto:cancer.biology@mssm.edu).

**POSTDOCTORAL OPPORTUNITIES** in computational and systems biology in the Center for Genome Dynamics at The Jackson Laboratory (**website:** <http://www.genomedynamics.org>). Center investigators use computation, mathematical modeling, and statistics to understand the genetics of complex traits. Requires Ph.D. (or equivalent) in quantitative field such as computer science, statistics, applied mathematics or in biological sciences with strong quantitative background. Programming experience recommended. More details at **website:** <http://www.jax.org/careers> (**Job ID 2311**). *The Jackson Laboratory is an Equal Opportunity Employer/Affirmative Action Employer.*