

Science Careers

From the journal *Science* 

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POSITIONS OPEN

C₂B²

PROFESSOR AND ASSISTANT PROFESSOR Positions in Systems Biology at the Columbia University Medical Center

The Columbia Initiative in Systems Biology seeks to recruit new faculty that have experimental and/or computational research programs. Although applications from outstanding candidates in all areas of Systems Biology will be considered, areas of focus include next generation sequencing, genome wide proteomics, systems pharmacology, protein sequence and structure analysis and the Systems Biology of cancer, neurodegenerative, metabolic, and cardiovascular diseases.

Recruitments will be made jointly with the Departments of Biochemistry and Molecular Biophysics, Genetics and Development, Microbiology, Pathology, Pharmacology and Physiology, as appropriate. It is anticipated that successful candidates will eventually join a new Department of Systems Biology that is currently in the process of formation.

Applications should include curriculum vitae, reprints of no more than three publications, a three to four page description of current research and research goals, and three or more letters of reference. Applications should be addressed to: **Ms. Desi Tahiraj, Columbia Initiative in Systems Biology, 1130 St. Nicholas Ave 8th Floor Room 801, New York, NY 10032.** Applications can also be sent electronically at e-mail: desi@c2b2.columbia.edu. *Columbia University is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and underrepresented minorities.*

POSTDOCTORAL POSITIONS Department of Physiology University of Pennsylvania

Postdoctoral position in neurophysiology available to study regulation of BK channels and neuronal excitability by lipid messengers. Patch-clamp electrophysiology experience as demonstrated by publication is required. Knowledge of cell biology, molecular biology, and optical methods is desirable. Send curriculum vitae, reference names, and description of previous research to: **Dr. Toshinori Hoshi, Department of Physiology, D100 Richards, 3700 Hamilton Walk, University of Pennsylvania, Philadelphia, PA 19104.** E-mail: hoshi@hoshi.org.

NORTH DAKOTA STATE UNIVERSITY Center for Biopharmaceutical Research and Production

Two positions: **SENIOR SCIENTIST** in Immunology—Experience in development of vaccines for use in humans. **Website:** <http://jobs.ndsu.edu/postings/368>. **SENIOR SCIENTIST** in Molecular and Cell Biology—Expertise in RTPCR and molecular shuffling, cloning and vector development. **Website:** <http://jobs.ndsu.edu/postings/373>. Screening begins April 15, 2011. *North Dakota State University is an Equal Opportunity/Affirmative Action Employer.*

PHYSICIST

Lawrence Berkeley National Laboratory has a unique opportunity for a Physicist to participate in a nuclear emission tomography program applied to cardiac diagnostic and environmental remediation research. Must have experience in medical image acquisition, reconstruction, and modeling. Ph.D. or equivalent training is highly preferred. Application **website:** <http://jobs.lbl.gov/details.asp?jid=25600>.

Berkeley Lab is an Affirmative Action/Equal Opportunity Employer.

POSITIONS OPEN

RUTGERS

Ernest Mario School
of Pharmacy

FACULTY POSITION in Cancer Biology and Cancer Prevention

The Susan Lehman Cullman Laboratory for Cancer Research in the Department of Chemical Biology, Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey is seeking an outstanding investigator for a tenured or tenure-track position. Applicants should hold a Ph.D. degree or equivalent and have a strong track record for research in the areas of mechanisms of cancer causation and prevention, as evidenced by independent, currently funded research (ROI or equivalent), high-impact publications, and demonstrated leadership activities in the field. A strong commitment to teaching undergraduate and graduate students and postgraduate trainees will be expected. The successful candidate will also be a member of The Cancer Institute of New Jersey, the Center for Cancer Prevention Research, the Environmental and Occupational Health Sciences Institute, and join a large life sciences community with opportunities to participate in a variety of research and teaching programs. Please send or e-mail curriculum vitae, brief research plan, current and past grant support, and the names and addresses of three references to: **Dr. Allan H. Conney, Chair of the Search Committee, Department of Chemical Biology, Ernest Mario School of Pharmacy, 164 Frelinghuysen Road, Piscataway, NJ 08854-8020,** e-mail: aconney@pharmacy.rutgers.edu. *An Affirmative Action/Equal Opportunity Employer.*

PROFESSOR AND ALEXANDER CHAIR in Equine Reproduction College of Veterinary Medicine and Biomedical Sciences Colorado State University

The Departments of Biomedical Sciences and Clinical Sciences seek an Associate or Full Professor to fill the John Alexander Endowed Chair in Large Animal Reproduction to conduct and supervise basic and applied research related to equine reproduction, which is a primary research emphasis within the Animal Reproduction and Biotechnology Laboratory (ARBL) and the Equine Reproduction Laboratory (ERL).

A Ph.D. is required and D.V.M., M.D., or equivalent is desirable. The successful candidate will lead a substantial externally funded research program in equine reproduction and develop strong collaborations with other faculty. Contributions to teaching veterinary and graduate students and participation in outreach efforts also are expected.

Information about the ERL and ARBL, and more details about the position can be found at **website:** <http://www.cvms.colostate.edu/bms/arbl/>.

A letter of application, curriculum vitae, statements of research, teaching and clinical interests, and a list of three references who may be contacted when appropriate should be sent to:

**Dr. Thomas Hansen, ARBL Director
Department of Biomedical Sciences
Colorado State University
Fort Collins, CO 80523-1683
E-mail: thomas.hansen@colostate.edu**

Review of applicants will begin June 1, 2011. *Colorado State University is an Equal Opportunity/Affirmative Action Employer. Colorado State University conducts background checks on all final candidates.*

SENIOR POSTDOCTORAL ASSOCIATE Boston University

Required expertise in transgenic rats, ultrasound molecular imaging, arterial stiffness analysis, and sonoporation, FACS, MoFlo, confocal microscopy. M.D. or Ph.D., \$40,000/year. Send curriculum vitae to **Nancy Clinton, ncClinton@bu.edu.** *Equal Opportunity Employer/Affirmative Action.*