From technology specialists to patent attorneys to policy advisers, learn more about the types of careers that scientists can pursue and the skills needed in order to succeed in nonresearch careers.
Department of Health and Human Services
Food and Drug Administration
Center for Biologics Evaluation and Research
Immediate Office of the Center Director
Deputy Center Director

The FDA’s Center for Biologics Evaluation and Research (CBER), Immediate Office of the Center Director, is searching for a Deputy Center Director. CBER has the responsibility for protecting the public health of the U.S. population by planning, developing and administering policies and programs related to the safety, effectiveness and labeling of biological products for human use, including blood and blood products, vaccines, and cellular, tissue, and gene therapies. CBER is responsible for an annual budget of approximately $260 million and supports more than 1,000 employees.

As the Deputy, the incumbent will serve as the principal advisor and spokesperson for the Director in matters related to planning, developing and administering the Center’s broad national and international programs and activities.

Qualifications: Eligible individuals must be U.S. citizens with an M.D. and/or Ph.D. is desired with relevant training and extensive experience. Preferred candidates possess specialized knowledge and experience in the development of biological products, including the evaluation of safety, effectiveness, and quality; knowledge of the FDA’s regulatory and review process; strong leadership and management experience; excellent interpersonal skills to deal effectively with multi-disciplinary teams and diverse stakeholders; and outstanding oral and written communication skills. This position may also be filled by appointment in the U.S. Public Health Service, Commissioned Corps. Physician candidates for Civil Service or U.S. Commissioned Corps must possess a valid license to practice medicine in any state in the U.S. Candidates may also be eligible for an excepted service Title 42 appointment.

Salary: Salary is commensurate with education and experience. An excellent benefits package is also available.

Location: Rockville, Maryland

How to Apply: Submit resume or curriculum vitae with cover letter by February 18, 2011 to: CBER.Employment@fda.hhs.gov. Please reference Job Code: OD/Dep.

The Department of Health and Human Services is an Equal Opportunity Employer with a smoke free environment.

POSTDOCTORAL POSITIONS IN NEUROSCIENCE

Pfizer Neuroscience and Stanford University seek one or more postdoctoral fellows with an interest in using two-photon fluorescence microscopy in awake behaving mice to study animal models of brain disease. Postdoctoral fellows will be co-mentored by Dr. Michael Ehlers (Pfizer, Chief Scientific Officer, Neuroscience) and Prof. Mark Schnitzer (Stanford University, HHMI).

Candidates should have interests in the neurobiology of disease, neuropharmacology, and optical imaging, and should have earned a Ph.D., preferably in relevant areas of neuroscience or engineering such as synaptic biology, learning and memory, behavioral pharmacology, optical imaging, or neuronal plasticity.

Additional information can be found on the Schnitzer Lab’s website (http://pyramidal.stanford.edu) as well as the Pfizer Neuroscience website (www.pfizerneuroscience.com).

Applicants should send a CV and contact information for three references to kate.m.yannacci@pfizer.com and mschnitz@stanford.edu.

We are proud to be an equal opportunity employer and welcome applications from people with different experiences, backgrounds and ethnic origins.

EXPRESSIONS OF INTEREST

Professorial Positions (Level E)
School of Biomedical Sciences

The School of Biomedical Sciences is seeking to further enhance our international reputation with the appointment of either one to two professorial level academics or an appropriate team. This is a unique opportunity to join a leading biomedical school in the top echelon of Australia’s universities.

Expressions of Interest are being sought from outstanding academics with an internationally competitive track record in molecular, cellular and/or systems biomedical science. Each position will include an attractive remuneration package as well as infrastructural support for relocating their research program.

Enquiries should be directed to the Head of School, Professor Thomas:

T: +61-7-3365-3034
E: w.thomas@uq.edu.au

www.uq.edu.au/sbms
School of Biomedical Sciences

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
Faculty Position in Environmental Pathology
UNIVERSITY OF VERMONT COLLEGE OF MEDICINE

The Department of Pathology at the University of Vermont College of Medicine seeks an MD or MD/PhD pathologist with fellowship training in a subspecialty area of Surgical Pathology for a tenure track position at the Assistant or Associate Professor level. The applicant must be Board certified (or eligible) in anatomic pathology with subspecialty fellowship training (or have equivalent qualification/experience). The successful applicant will devote 25% of their effort to clinical practice and 75% time to research. We are most interested in individuals with research programs relevant to environmental pathology and carcinogenesis, particularly in the lung. The Department of Pathology has strong research programs in cardiovascular biology, redox signaling, fiber carcinogenesis, pulmonary fibrosis and other aspects of environmental pathology. The Department has had an Environmental Pathology Training Grant from the NIEHS for 25 years. The College of Medicine and University support modern core facilities for microscopic imaging, genomics/proteomics, mouse transgenics and other contemporary technologies.

The applicant is expected to direct an independently funded translational research program, participate in teaching, and contribute to Departmental leadership. Salary, laboratory space and startup support will be commensurate with qualifications, professional accomplishments and research activities. Clinical responsibilities will include interpretation of surgical pathology specimens and training of housestaff and medical students, activities that are shared with the other full-time surgical pathologists. The surgical pathology volume is approximately 37,000 specimens per year, with large active subspecialty practices. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are requested to include in their cover letter information about how they will further this goal.

Applications will be accepted until the position is filled, but we strongly encourage the submission of application materials by March 1, 2011. Applicants should submit a letter of interest and detailed curriculum vitae with three references to Ms. Jennifer Diaz, Faculty Search Coordinator, Department of Pathology, University of Vermont College of Medicine, the Courtyard at Given S267 Beaumont Ave, Burlington, Vermont 05405. Applications may also be submitted electronically to Jennifer Diaz at Jennifer.Diaz@uvm.edu or you may apply online at www.uvmjobs.com.

The University of Vermont is an Affirmative Action/Equal Opportunity Employer; applications from women and people from diverse racial, ethnic and cultural backgrounds are encouraged.

Associate Director of Basic Sciences

The Medical College of Wisconsin is actively recruiting for an Associate Director for Basic Sciences in its newly developing Cancer Center. The Associate Director should have a PhD and/or MD degree and a distinguished record of achievement in a basic science discipline of cancer research. This position will be responsible for assisting the basic science program leaders in program development, in identifying areas of potential research collaboration, and in facilitating translational research from the basic science laboratories to the clinic. The Associate Director will also assist in the development of and oversee all basic science core facilities in the Center. The successful candidate will be a member of the Executive Committee of the Cancer Center and report directly to the Center Director. The academic appointment will be in a mutually agreed upon department at the Medical College of Wisconsin where teaching, research and service requirements of a departmental appointment are expected.

Rank is open and commensurate with experience. This leader could also potentially qualify for an endowed chair. The successful candidate will bring a significant extramural funding portfolio and focus on research funding. In addition to an active research program, this position will include limited administrative activities within the Cancer Center and service to the institution. Salary is competitive and will depend on rank and experience. Qualified individuals are encouraged to send, via e-mail (andreabrown@mwc.edu), a letter of interest, CV, and contact information for three references to:

ATTN: Andrea Brown
AD of Basic Science Search
Cancer Center
Medical College of Wisconsin
8701 Watertown Plank Road
Milwaukee, WI 53226

ENDOCRINOLOGY FACULTY POSITIONS

The Endocrinology, Diabetes and Nutrition Division is currently seeking six new faculty members to join a vibrant group of 27 current faculty (see http://medschool.umd.edu/medicine/default.asp). We seek two physician-scientists at the Assistant/Associate and Professor or Associate Professor level (Position #’s 03-309-591-592). The successful candidates will be accomplished independently funded investigators in clinical/translational or basic science research who will also contribute to the clinical, teaching and service missions of the University. The additional four positions are for clinician educators/investigators specializing in diabetes management and thyroid/pituitary disorders at the Assistant Professor to Associate Professor level (Position #’s 03-309-525,526,579,593). Clinical responsibilities will include management of diabetes in a comprehensive multidisciplinary setting at the University of Maryland Medical Center, and general endocrinology in both outpatient and inpatient settings. Successful applicants will also have opportunities to engage in clinical/translational research and contribute to the teaching duties of the Division. All candidates must be board eligible/certified in Endocrinology. Tenure status/salary dependent upon candidate background.

Send CV and list of 4 references to Kristi Silver, M.D., Associate Pro- fessor, Division of Endocrinology, Diabetes and Nutrition, c/o JoAnn Gibbs, Academic Programs Office, Department of Medicine, N3E09, University of Maryland Medical Center, 22 S. Greene St., Baltimore, MD 21201-1595. Please reference appropriate position # when submitting your application.

The UMB encourages women and minorities to apply and is an AA/EEO/ADA Employer.
Confirmed speakers include:

- Peer Bork, European Molecular Biology Laboratory (EMBL)
- Ed Buckler, Cornell University
- Dan Distel, Ocean Genome Legacy
- Dusko Ehrlich, French National Institute for Agricultural Research (INRA)
- Terry Hazen, Lawrence Berkeley National Laboratory (LBNL)
- Scott Hodges, University of California, Santa Barbara
- Tom Juengel, University of Texas at Austin
- Rob Knight, University of Colorado
- Ruth Ley, Cornell University
- Mary Ann Moran, University of Georgia
- Magnus Nordborg, Gregor Mendel Institute
- Gene Robinson, University of Illinois at Urbana-Champaign
- Christopher Scholin, Monterey Bay Aquarium Research Institute (MBARI)
- Stephen Schuster, Penn State University
- Pam Silver, Harvard
- Jim Tiedje, Michigan State University
- Mike Thomas, Michigan State University
- Jerry Tuskan, Oak Ridge National Laboratory/DOE JGI
- Sue Wessler, University of California, Riverside
- Katherine Yelick, National Energy Research Scientific Computing Center (NERSC) at LBNL

DNA Sequencing and Computational Biology Core Facility Director
Health and Human Services (HHS)
National Institutes of Health (NIH)
National Heart, Lung and Blood Institute (NHLBI)

An expert is sought in the area of **Computational Biology with an emphasis on next-generation DNA sequence analysis** at the DNA Sequencing and Computational Biology (DSCB) Core Facility, Division of Intramural Research (DIR), National Heart, Lung and Blood Institute (NHLBI), NIH in Bethesda, Maryland USA. The successful applicant will participate in analyzing large-scale data sets consisting of a wide spectrum of sequencing applications, including but not limited to chromatin immunoprecipitation sequencing (ChIP-Seq), RNA-seq, targeted and whole-genome DNA sequencing, microRNA sequencing.

He/she is expected to work closely with the core director and interact with DIR Principal Investigators in establishing a comprehensive sequence analysis pipeline, in basic bioinformatics studies for the presentation of sequence output to end users, and in original collaborative research in genomics and systems biology.

The DSCB Core Facility is part of an NHLBI DIR Initiative in Systems Biology, and the candidate is also expected to interact closely with scientists within the DSCB Core and/or other independently operated DIR Facilities (e.g. proteomics) to facilitate data integration. Although the DSCB Core Facility is oriented toward providing service and conducting collaborative research, the position will also have the opportunity to undertake research initiative in the area of computational biology. The mission of the DIR is to improve the health of all Americans through basic and clinical research, research training, and translation of discoveries to new tools to be applied directly to the field of medicine.

We are seeking an experienced scientist (with Ph.D. or equivalent) with an outstanding track record in computational biology research. Salary will be commensurate with qualifications and experience.

More detailed information about the NHLBI Division of Intramural Research may be found at [http://dir.nhlbi.nih.gov/](http://dir.nhlbi.nih.gov/).

Applicants should submit the following: cover letter highlighting key qualifications; current curriculum vitae with complete bibliography; names and addresses of four references; and a one-page description of current and future research interests.

Applications should be received by **Feb. 1, 2011** but the advertisement will remain open until the position is filled. PDF versions of documents sent by electronic mail are strongly preferred. Materials should be sent to Dr. Jun Zhu c/o: Trina Gregory, Administrative Officer, NHLBI, by email: gregoryp@nhlbi.nih.gov; or by regular mail: Building 10, Room 7N220, 10 Center Drive MSC 1670, Bethesda, MD 20892-1670.

HHS and NIH are Equal Opportunity Employers
Why you should advertise in this issue of Science:

**Context:** Job seekers are drawn to information that speaks to their concerns. When candidates read the article, they’ll see your ad.

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E-mail: advertise@sciencecareers.org

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E-mail: ads@science-int.co.uk

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E-mail: careerads@scinemag.jp

Diversity: Women in Science

Special Career Feature: January 21, 2011

Reserve your ad by January 4 to guarantee space.*

*Ads accepted until January 14 if space is still available.
The Louisa Gross Horwitz Prize was established under the will of the late S. Gross Horwitz through a bequest to Columbia University and is named to honor the donor’s mother. Louisa Gross Horwitz was the daughter of Dr. Samuel David Gross (1805-1889), a prominent surgeon of Philadelphia and author of the outstanding Systems of Surgery who served as President of the American Medical Association.

Each year since its inception in 1967, the Louisa Gross Horwitz Prize has been awarded by Columbia University for outstanding basic research in the fields of biology or biochemistry. The purpose of this award is to honor a scientific investigator or group of investigators whose contributions to knowledge in either of these fields are deemed worthy of special recognition.

The Prize consists of an honorarium and a citation which are awarded at a special presentation event. Unless otherwise recommended by the Prize Committee, the Prize is awarded annually. Dr. Elizabeth H. Blackburn, University of California, San Francisco, CA; Dr. Joseph G. Gall, Carnegie Institute, Baltimore, MD; Dr. Carol W. Greider, Johns Hopkins University, Baltimore, MD were the 2007 awardees.

QUALIFICATIONS FOR THE AWARD
The Prize Committee recognizes no geographical limitations. The prize may be awarded to an individual or a group. When the prize is awarded to a group, the honorarium will be divided among the recipients, and each member will receive a citation. Preference will be given to work done in the recent past.

Nominations must be submitted electronically at: http://www.cumc.columbia.edu/horwitz/

Nominations should include:
1. A summary, preferably less than 500 words, of the research on which this nomination is based.
2. A summary, preferably less than 500 words, of the significance of this research in the fields of biology or biochemistry.
3. A brief biographical sketch of the nominee, including positions held and awards received by the nominee.
4. A listing of up to ten of the nominee’s most significant publications relating to the research noted under item 1.
5. A copy of the nominee’s curriculum vitae.

Deadline date: January 31, 2011

Dean, College of Arts and Sciences
Georgia State University, a leading research university located in the heart of downtown Atlanta, is conducting a search for the Dean of the College of Arts and Sciences. The Search Committee invites nominations, applications (letter of interest, complete CV, and references), or expressions of interest to be submitted to the search firm assisting Georgia State University. Confidential review of materials will begin immediately. It is preferred that all nominations and applications be submitted prior to February 28, 2011. For a complete position description, refer to Current Opportunities on www.parkersearch.com. For additional information, please visit GSU online at www.gsu.edu or the College of Arts and Sciences at www.cas.gsu.edu.

Laurie C. Wilder, Senior Vice President
Katie Bain, Principal
770-804-1996 ext: 108
kbain@parkersearch.com

Georgia State University, a unit of the University System of Georgia, is an Equal Opportunity Educational Institution and is an Equal Opportunity/Affirmative Action Employer.
AAAS is here – connecting government to the scientific community.

As a part of its efforts to introduce fully open government, the White House is reaching out to the scientific community for a conversation around America's national scientific and technological priorities.

To enable the White House's dialogue with scientists, AAAS launched Expert Labs, under the direction of blogger and tech guru Anil Dash. Expert Labs is building online tools that allow government agencies to ask questions of the scientific community and then sort and rank the answers they receive.

On April 12, 2010, AAAS asked scientists everywhere to submit their ideas to the Obama administration and at the same time launched the first of Expert Labs tools, Think Tank, to help policy makers collect the subsequent responses. The result was thousands of responses to the White House's request, many of which are already under consideration by the Office of Science and Technology Policy.

As a AAAS member, your dues support our efforts to help government base policy on direct feedback from the scientific community. If you are not already a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/expertlabs
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, a grants and scholarships database, webinars and downloadable booklets filled with practical advice, a community forum providing real-time answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications Science for All Americans and Benchmarks for Science Literacy, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/project2061
The science and engineering challenges that society faces today are far more complex than those of 40 to 50 years ago. The best available scientific, technical, and economic information is required to establish priorities, make decisions, and develop best practices. AAAS manages the Science & Technology Policy Fellowships in four areas to provide the opportunity for accomplished scientists and engineers to contribute to the federal policymaking process while learning firsthand about the intersection of science and policy. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference. aaas.org/plusyou/fellows
Postdoctoral positions available to study the molecular mechanisms of cardiac myocyte apoptosis and myocardial remodeling. Highly motivated individuals (M.D. and/or Ph.D. required) with experience in molecular signaling, cardiac physiology, biochemistry, or cell biology will be preferred.

To apply, please submit a letter of application, curriculum vitae (including list of publications), a statement of research, a separate statement describing teaching interests, and background; reprints of three publications; academic transcripts; and names, addresses including e-mail, and telephone numbers of three references. The position is open until filled; but to assure full consideration, completed online applications should be submitted no later than February 28, 2011, for a targeted start date of July 1, 2011.

EAST TENNESSEE STATE UNIVERSITY—College of Medicine Department of Physiology—POSTDOCTORAL positions available to study the molecular mechanisms of cardiac myocyte apoptosis and myocardial remodeling. Highly motivated individuals (M.D. and/or Ph.D. required) with experience in molecular signaling, cardiac physiology, biochemistry, or cell biology will be preferred. Apply to the positions at website: https://jobs.etsu.edu. Contingent upon grant funding, Affirmative Action/Equal Opportunity Employer.