The National Academy of Sciences (NAS) invites expressions of interest in, and nominations for, the position of Executive Officer of the National Research Council (NRC). The NRC is the operating arm of the NAS and operates under the NAS congressional charter, along with the National Academy of Engineering and the Institute of Medicine.

The Executive Officer is the senior staff person of the institution, which provides analysis and policy advice to the federal government and the nation on matters involving science, engineering, and medicine, through the work of thousands of expert volunteers and a staff of approximately 1,200. The annual program budget of the NRC, funded mainly through contracts with government agencies supporting its work, is approximately $300 million.

The Executive Officer reports to the President of the NAS, who also serves as Chair of the NRC, and the NRC Executive Officer is also the Executive Officer of the NAS.

The Executive Officer has general oversight of the programs and operations of the institution and is responsible for:

- Preserving the independence, objectivity and integrity of the NRC and its ability to conduct analyses of - and to report to the nation on - issues involving science and technology
- Providing strategic and operational leadership for the NRC
- Representing the NRC in external interactions with the federal government, experts in science and engineering, scientific and professional organizations, and private foundations

The successful candidate will have:

- Demonstrated high-level experience in objective analysis of scientific issues
- Demonstrated history of discerning judgment, integrity and confidentiality
- Demonstrated experience in science and science policy, or quantitative scientific skills demonstrated by Ph.D. or equivalent research record
- Demonstrated ability to lead a complex organization.

All correspondence relating to the position of Executive Officer of the NRC/NAS should be directed in confidence to the executive recruitment consultant for the National Academy of Sciences:

Baker and Associates LLC

Jerry H. Baker • 4799 Olde Towne Parkway • Suite 202 • Marietta, GA 30068
jbaker@baasearch.com • 770-395-2761

The National Academy of Sciences is an equal opportunity employer and practices affirmative action to recruit, hire, train, upgrade, transfer and promote persons in all job titles without regard to race, color, creed, religion, sex, age, national origin or veteran status, as well as handicaps that do not interfere with the performance of the job.

### Tenure Track Assistant Professor
Department of Earth and Atmospheric Sciences
College of Agriculture and Life Sciences (CALS) – Cornell University – Ithaca, NY

Cornell University, located in Ithaca, New York, is an inclusive, dynamic, and innovative Ivy League university and New York’s land-grant institution. Its staff, faculty, and students impart an uncommon sense of larger purpose and contribute creative ideas and best practices to further the university’s mission of teaching, research, and outreach.

The Department of Earth and Atmospheric Sciences (EAS) at Cornell University invites applications for an Assistant Professor in the subject area of extreme weather during climate change. The successful candidate will develop a high quality research program investigating the multi-scale processes linking climate to extreme weather phenomena, such as thunderstorms, tornadoes, tropical and extra-tropical cyclones, flooding, and droughts, and their impacts. The incumbent could take an Earth system approach to the subject, emphasizing the interactions of atmospheric, oceanic and land-surface processes in the climate system, including future climate change scenarios. The incumbent will also be a committed educator, enthusiastically teaching undergraduate and graduate courses, advising undergraduate and graduate students, and supervising students at all levels in research. The ideal candidate will be able to interact in teaching and research with colleagues having similar interests at Cornell University, particularly in the Colleges of Engineering and of Agriculture and Life Sciences, in which the Department of EAS is jointly located. The responsibilities of the position will be split between research (50%) and teaching (50%).

**Qualifications Required:** A Ph.D. in atmospheric science, Earth system science, or a related science or engineering discipline.

**Salary/Benefits:** Salary is commensurate with qualifications and experience. Cornell University provides an attractive fringe benefits package.

Please submit applications to: extreme-weather-search@cornell.edu as a single PDF (15 mb maximum) that includes (1) a cover letter addressed to the Search Committee Chair, Professor Stephen Colucci, which includes the names and contact information for three individuals who are willing to write letters of recommendation; (2) a curriculum vitae; (3) a research plan; and (4) a statement of teaching interests.

Applications will be reviewed beginning September 1, 2011.

### College of Agriculture and Life Sciences
**Developing Leaders. Improving Lives. Shaping the Future.**

Cornell University is an affirmative action/equal opportunity employer and educator.
Utrecht University is a place of learning that offers many widely varying disciplines. Where different areas meet or overlap, the developments are particularly interesting. At Utrecht University science never stops. Nor will your development.

FULL PROFESSOR IN ORGANIC HYBRID MATERIALS

The Science Faculty at Utrecht University invites applications from candidates with a strong research program in the design and characterization of organic hybrid materials. Successful candidates will be expected to contribute to and bridge the research activities in homogeneous and heterogeneous catalysis presently carried out in Utrecht. Next to research, candidates are expected to contribute to teaching activities in organic and synthetic chemistry. As part of the Debye Institute, the Organic Chemistry & Catalysis group provides a stimulating environment for molecular chemistry and catalysis, that is strongly embedded within the Dutch catalysis community. Candidates with a strong organic materials research line and a record in nano-scale spectroscopic imaging techniques are particularly welcome to apply. While a candidate at the full professor level is aimed at, excellent candidates at the associate or assistant professor level may also be considered. Closing date for applications: 3 June 2011.

Please visit www.uu.nl/vacancies for a complete job description.

Science Careers
Tenure-Eligible/Tenure-Track Position in Viral Disease Ecology
Laboratory of Virology

The National Institute of Allergy and Infectious Diseases (NIAID), Division of Intramural Research (DIR), Laboratory of Virology (LV) at Rocky Mountain Laboratories (RML) in Hamilton, MT, seeks applicants for a tenure-eligible tenure-track position (assistant/associate professor equivalent) to conduct independent research on viral agents requiring high or maximum containment.

LV conducts high-impact, innovative scientific research on viral agents requiring high or maximum containment, including arenaviruses, bunyaviruses, filoviruses, flaviviruses, paramyxoviruses, and orthomyxoviruses, with the goal of developing diagnostics, vaccines, and therapeutics. The research conducted in LV includes studies of vector/reservoir transmission and the pathogenesis, pathophysiology, and host immune response of high containment viral pathogens. Candidates must be able to develop an independent research program in infectious disease ecology, supervise staff and fellows, and collaborate with RML/DIR researchers working on other infectious diseases. An interest in and commitment to research in the field and a high-containment biosafety level 3 and 4 (BSL-3 and BSL-4) environment is essential. Other requirements are listed below.

The selected candidate is expected to implement and direct a vigorous independent research program in viral disease ecology, including field and laboratory studies targeted toward understanding virus persistence in natural reservoirs, transmission from natural reservoirs and/or intermediate hosts to end hosts, and reservoir ecology. This program is expected to include studies in animals, and preference will be given to candidates with experience in infectious disease animal models.

Facilities at existing NIAID field sites in Africa and Asia are available to the incumbent. In addition, LV currently operates established field sites in Mali and the Republic of the Congo. An interest and ability to develop programs at established field sites is highly desirable.

Candidates must hold a Ph.D., D.V.M., M.D., or equivalent degree and have relevant post-doctoral experience. Independent resources including space, support personnel, and an annual budget for services, supplies, and salaries are committed to the position. These are appointments under Title 42. Salary is dependent on experience and qualifications.

RML’s state-of-the-art facilities include an operational BSL-3 facility; a BSL-4 laboratory and animal facility that can accommodate work with both small animal and nonhuman primate models; and outstanding support facilities for genomics, electron microscopy, flow cytometry, and other advanced techniques dedicated to scientific collaboration.

Other RML research programs focus on prions, retroviruses, pathogenic prokaryotic organisms, and pathogen transmission by arthropod vectors. RML is located in the scenic Bitterroot Valley of western Montana within easy access to some of the finest outdoor recreational opportunities in North America.

To apply, e-mail curriculum vitae, bibliography, and a two- to three-page description of your proposed research program to Ms. Bao-Hanh Ngo at lvsearch@mail.nih.gov. In addition, three letters of recommendation must be sent directly from the referees to Dr. Tom Schwan, Chair, NIAID Search Committee, c/o Ms. Bao-Hanh Ngo at lvsearch@mail.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A30, Bethesda, MD 20892-1356. E-mail is preferred.

The selected candidate may be asked for additional references.

Key Requirements:
- Applicants must be U.S. citizens, resident aliens, or nonresident aliens with or eligible to obtain a valid employment-authorizing visa.
- Applicants must be able to fulfill, acquire, and maintain a favorable Access National Agency Check and Inquiries (ANACI) background investigation, select agent clearance, and other NIAID biopreparedness requirements.

Applications will be reviewed starting May 31, 2011, and will be accepted until the position is filled. Additional information on this position can be obtained by contacting Dr. Heinz Feldmann at feldmannh@niaid.nih.gov.


National Institute of Allergy and Infectious Diseases
Get a Career Plan that Works.

An exceptional career requires insightful planning and management. That’s where *Science* Careers comes in. From job search to career enhancement, *Science* Careers has the tools and resources to help you achieve your goals. Get yourself on the right track today and get a real career plan that works. Visit [ScienceCareers.org](http://ScienceCareers.org).
ContraFect Corporation, a New York-based biotechnology company, is building its scientific team.

Under the leadership of Dr. Robert Nowinski—developer of blockbuster drugs Cialis and Tobi and founder of the four public companies Icos, Genetic Systems, PathoGenesis, and VaxGen—we are committed to developing treatments for the most virulent and resistant microorganisms, such as S. aureus and influenza.

We are seeking self-motivated, curious, positive, and collaborative individuals with long-term career aspirations. More than 10 positions are open for:

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• virologists
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For more information and to apply, please visit www.contrafect.com/careers or enter keyword contrafect on sciencecareers.org.

The University of Lausanne wishes to promote the access of women to academic careers and encourages applications from women.
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Trying to figure out the next step in your career? Join us for a roundtable discussion that will look at facts and fiction surrounding academic and industry career options for PhD-level scientists. Get some nuts and bolts advice on how to research career options, what questions to ask, and how to best prepare for various careers.

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- Do industry jobs have better compensation? Less autonomy?
- Do academic scientists have less work/life balance?

For answers view our roundtable discussion for free at:

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Produced by the Science/AAAS Business Office.
KUWAIT PRIZE 2011
Invitation for Nominations

The Kuwait Foundation for the Advancement of Sciences (KFAS) institutionalized the KUWAIT Prize to recognize distinguished accomplishments in the arts, humanities and sciences. The Prizes are awarded annually in the following categories:

A. Basic Sciences
B. Applied Sciences
C. Economics and Social Sciences
D. Arts and Literature
E. Arabic and Islamic Scientific Heritage

The Prizes for 2011 will be awarded in the following fields:

1. Basic Sciences
   - Physiology
2. Applied Sciences
   - Nuclear Technology
3. Economic and Social Sciences
   - Financial Markets in the Arab World
4. Arts and Literature
   - Novels
5. Arabic and Islamic Scientific Heritage
   - Astronomy

Foreword and Conditions of the Prize:
1. Two prizes are awarded in each category:
   - A Prize to recognize the distinguished scientific research of a Kuwaiti citizen, and,
   - A Prize to recognize the distinguished scientific research of an Arab citizen.
2. The candidate should not have been awarded a Prize for the submitted work by any other institution.
3. Nominations for these Prizes are accepted from individuals, academic and scientific centers, learned societies, past recipients of the Prize, and peers of the nominees. No nominations are accepted from political entities.
4. The scientific research submitted must have been published during the last ten years.
5. Each Prize consists of a cash sum of K.D. 30,000/- (approx. U.S.$100,000/-), a Gold medal, a KFAS Shield and a Certificate of Recognition.
6. Nominators must clearly indicate the distinguished work that qualifies their candidate for consideration.
7. The results of KFAS decision regarding selection of winners are final.
8. The documents submitted for nominations will not be returned regardless of the outcome of the decision.
9. Each winner is expected to deliver a lecture concerning the contribution for which he was awarded the Prize.

Inquiries concerning the KUWAIT PRIZE and nominations including complete curriculum vitae and updated lists of publications by the candidate with four copies of each of the published papers should be received before 01/12/2011 and addressed to:

The Director General
The Kuwait Foundation for the Advancement of Sciences - P.O. Box: 25263, Safat - 13113, Kuwait.
Tel: (+965) 22429780 / Fax: 22403891 / E-Mail: prize@kfas.org.kw

POSITIONS OPEN

Full /Associate Professor Positions
State Key Laboratory of Reproductive Medicine,
Nanjing Medical University

The State Key Laboratory of Reproductive Medicine (SKLRM) at Nanjing Medical University was approved for construction in 2011. Now we sincerely invite applications for full-time faculty positions, at academic ranks of Associate or Full Professor. Individuals with demonstrated accomplishments in, but not limited to, the following areas are encouraged to apply: reproductive biology, reproductive endocrinology, reproductive pathology, reproductive toxicology and reproductive epidemiology.

SKLRM’s major research orientations cover the following: (1) mechanisms of gametogenesis and maturation, (2) environment - gene interaction effects on gametogenesis, (3) infertility and maternal and child health, and (4) molecular mechanisms of reproductive-related diseases. At present SKLRM has established a series of excellent platforms including proteomic platform, gametes and embryos operation platform, platform for detection of environmental endocrine disruptors, etc. In addition, our laboratory was also equipped with AAALAC accredited SPF animal facility, which could support the functional analysis of transgenic and knockout animals. Highly competitive research support will be provided in a vigorous and stimulating environment. Individuals will have an opportunity to establish a state-of-the-art independent research program in newly renovated space and to get startup research funds. More information can be found at http://reprod.njmu.edu.cn/keylab/.

Interested individuals, regardless of their nationalities, should submit a detailed letter of interest, curriculum vitae, PDFs of three of their best publications, and two letters of recommendation to: Jiahao Sha Ph.D. (shajh@njmu.edu.cn) or Ran Hsu Ph.D. (huoran@njmu.edu.cn), State Key Laboratory of Reproductive Medicine, Nanjing Medical University, 140 Hanzhong Road, Nanjing, Jiangsu 210029, China. The positions are available immediately. Applications will be evaluated by faculty search committee upon receipt until the positions are filled.

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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 – 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](http://aaas.org/plusyou/expertlabs)
FACULTY POSITION in Cardiovascular Regenerative Medicine

The Cardiovascular Innovation Institute (CII) invites applications for a tenured/tenure-track faculty position in the field of Cardiovascular Regenerative Medicine. Applicants are expected to have academic and/or industrial experience indicating promise of an exceptional future in interdisciplinary translational cardiovascular research and discovery. Investigators with experience in Regenerative Medicine and with experience and interest translating research to clinical applications are encouraged to apply.

The Cardiovascular Innovation Institute is a non-profit partnership between the University of Louisville and Jewish Hospital dedicated to researching, developing, and testing the next generation of heart and vascular health care solutions. Institute investigators share appointments with the UofL and work in a highly collaborative environment with excellent opportunities to translate research through clinical partnerships and industrial collaborations.

The CII is located in Louisville, Kentucky a progressive city situated along the scenic Ohio River with a thriving cultural scene and a variety of outdoor recreation opportunities.

Applicants should submit a cover letter describing research interests and curriculum vitae to: Stuart K. Williams, Ph.D., Executive and Scientific Director, Cardiovascular Innovation Institute, Louisville, KY, 40202 or electronically to e-mail: stu.williams@louisville.edu. Consideration of applications will begin immediately and the position will be open until filled.

The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity, and in that spirit, seeks applications from a broad variety of candidates.

POSTDOCTORAL POSITION available to work on (1) roles of Ubiquitin Pathway in Regulation of Cell Cycle, or Differentiation or (2) Changes in Ubiquitin conjugate dynamics in response to stress. Tufts University Medical School is a highly collaborative and productive environment, located in downtown Boston. We are about 20 minutes from Harvard, MIT, and Boston University. Candidates should have at least two English language first-authored papers. Send curriculum vitae, a list of grades received in graduate science courses and a two-page research proposal of how your research would further the objectives of our group, as indicated above, to: Allen Taylor, Laboratory for Nutrition and Vision Research, HNRCA, Tufts University, 711 Washington Street, Boston, MA 02111, telephone: 617-556-3156, fax: 617-556-3132, website: http://www.tufts.edu/~ataylor01/.

POSTDOCTORAL POSITION

A postdoctoral position is available to work on molecular aspects of cell cycle deregulation by viral oncoproteins. A strong molecular biology expertise is required. Send resume and names of three references electronically to Dr. Bayar Thimmapaya, professor, Microbiology and Immunology Department, Northwestern University Medical School, Chicago. E-mail: b-thimmapaya@northwestern.edu.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

More scientists agree — we are the most useful website.

www.ScienceCareers.org