CELL BIOLOGIST FACULTY POSITION
Wichita State University

We invite applications for a tenure-track position at the rank of ASSISTANT PROFESSOR. In addition to a primary teaching and research role in the Department of Biological Sciences, the successful candidate will contribute to a new baccalaureate program in bioengineering (website: http://webs.wichita.edu/lu/bioengineering&index). This opportunity is part of an initiative at both the institutional and state levels to enhance biomedical-related research (website: http://www.kansassandbox.org/). Relevant teaching and research expertise would include but not be limited to cell biology, immunology, tissue engineering, experience in molecular imaging of viral infections and biomaterials. The successful candidate is expected to establish an externally funded research program that trains graduate and undergraduate students. Candidates must hold a Ph.D. or equivalent degree in the life sciences and have postdoctoral experience, good communication skills, and a record of research productivity. Applications must include statements of research and teaching interests, a comprehensive curriculum vitae, three sample publications, and contact information for three professional references. We seek applicants who are motivated to work in a collegial atmosphere to foster excellence in teaching and research collaborations with existing biology/bioengineering faculty and are interested in broadening participation in higher education. The Department of Biological Sciences includes core facilities in glycoprotein chemistry and digital imaging as well as field station sites, and it maintains an animal care facility and greenhouse (website: http://www.wichita.edu/biology/). Established research programs and facilities in the College of Engineering are listed at website: http://www.wichita.edu/thesis/academics/engineering/. Wichita State University is a metropolitan, research-intensive university set in a suburban area of the largest city in Kansas and attracts a diverse student body. Review of complete applications will begin August 23, 2010, and continue until the position is filled. Send applications to: Dr. William Hendry, Department of Biological Sciences, Wichita State University, 1845 Fairmount, Wichita, KS 67206-0026.

Wichita State University is an Equal Opportunity Employer.

RHEUMATOLOGY
University of Pittsburgh

The Division of Rheumatology and Clinical Immunology at the University of Pittsburgh seeks candidates for ASSISTANT, ASSOCIATE-, or PROFESSOR-LEVEL POSITIONS for basic and translational research in tenured or non tenure tracks. Track and rank will be commensurate with experience. Applicants must have an M.D., M.D.-Ph.D., or Ph.D. degree. Applicants should have a strong background in biomedical or clinical research. Candidates with research interests in areas of immunology, inflammation, autoimmune, and musculoskeletal diseases are encouraged to apply. Salaries and benefits are competitive and linked to productivity-based research and clinical incentive programs.

The University of Pittsburgh is a top-10 NIH ranked biomedical research institution with the University of Pittsburgh Medical Center (UPMC) being one of the largest health care systems in the country. The University of Pittsburgh and UPMC have an active and highly interactive community of basic, translational, and clinical research scientists. The Division of Rheumatology and University of Pittsburgh Arthritis Institute are building on these strengths to advance translational and basic research.

Interested candidates send curriculum vitae, cover letter, and list of three references to: Larry W. Moreland, M.D., Chief, Division of Rheumatology and Clinical Immunology, Margaret Jane Miller, Endowed Professor of Arthritis Research, University of Pittsburgh, 3500 Terrace Street, Thomas E. Starzl Biomedical Science Tower South 711, Pittsburgh, PA 15261. E-mail: bmw8@pitt.edu.

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

POSTDOCTORAL POSITIONS
Colorado State University

We are looking for highly motivated person(s) with research experience in the areas of immunology and/or virology to participate in research projects on HIV/AIDS, dengue pathogenesis, and immunity. Candidates with experience in cellular immunology of viral infections are preferred. State-of-the-art technologies encompassing novel humanized mouse models, lentiviral vectors, RNAi, and stem cells are put to use to solve important problems. (Representative work: D. Anderson et al., Molecular Therapy 15:1182–88, 2007; IG. Cost and Y. Hervilla et al., Virology 369:143–152, 2007; S. Bandi and R. Akkina, AIDS Research and Therapy 5:1, 2008; J. Zhou et al., Nucleic Acids Res 37:3094–3109, 2009; BK. Berges et al., Virology 387:100–103, 2010). Capacity for problem solving and ability to interact productively with colleagues are important.

Please apply before August 20, 2010, for full consideration, although applications will be processed until suitable candidates are hired. Please send a letter of application together with a list of three references to the e-mail address below mentioning Akkina laboratory.

Ramesh Akkina D.V.M., Ph.D., Department of Microbiology, Immunology, and Pathology 1619 Campus Delivery Colorado State University Fort Collins, CO 80523-1619 Telephone: 970-491-1002
E-mail: remling@colostate.edu

Colorado State University is an Equal Opportunity Employer.
DEPARTMENT OF CHEMISTRY

FACULTY POSITION IN METABOLOMICS AND BIOANALYTICAL CHEMISTRY

The Department of Chemistry at Simon Fraser University (SFU) invites applications for a tenure-track Assistant Professor position within the areas defined by Metabolomics, Proteomics, and Bioanalytical Chemistry in support of the Pharmacogenomics and Therapeutic Chemistry initiatives, to take effect in September 2011, subject to final budgetary approval.

Applicants should have a Ph.D. degree and will normally have postdoctoral or industrial experience. Outstanding candidates with a commitment to excellence in research and teaching are being sought. The candidates will be expected to develop and maintain both an innovative, externally funded research program, and an excellent teaching record at both the undergraduate and graduate levels in Chemistry.

All qualified candidates are encouraged to apply; however, Canadians and Permanent Residents will be given priority. Simon Fraser University is committed to an equity employment program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified women, aboriginal Canadians, persons with disabilities, and members of visible minorities. Applicants should send a complete resume, a concise research proposal, a short teaching dossier, and a list of three individuals willing to act as referees with their addresses, telephone and/or fax numbers, and e-mail addresses. All correspondence should be sent to:

Dr. Zuo-Guang Ye
Professor and Chair
Department of Chemistry
Simon Fraser University
8888 University Drive, Burnaby BC V5A 1S6 Canada
E-mail: chemchr@sfu.ca

The competition will remain open until the position is filled. Screening of applications will commence on October 1, 2010.

[Conditions] A tenured fulltime position until RIKEN’s retirement age of 60. However, the applicant may be offered instead a five-year fixed-term employment contract depending on the selection results. In this case, the employee can move to a tenured position after undergoing a successful review to be held at the end of the first 3 years of employment. Annual salary and other conditions of the fixed-term contract position are the same as for the tenured position. Salary shall be determined on an annual basis subject to the applicant’s experience and performance. These and other provisions are in accordance with RIKEN regulations.

[Application] The required documents differ according to the laboratory. Refer to the each URL mentioned above for more details.

[Deadline] 5pm on Friday, October 15, 2010 (Japan Standard Time)

[Start of Employment] April 1, 2011 or later, but negotiable.

[Submitting Documents and Making Inquiries] Research Affairs Section, Advanced Research Promotion Division, RIKEN, 2-1 Hirosawa, Wako, Saitama 351-0198 Japan
E-mail: rps-saiyo (please add “@riken.jp” to complete the address) Email attachments and telephone calls cannot be accepted. When you mail your application, please send as certified mail so that there will be a record of delivery. Please write in red on the front of the envelope, the name of the laboratory you are applying for.

The Australian Institute of Marine Science is the leading national organisation researching tropical marine ecosystems through themes of discovery, process understanding, conservation, and sustainable use of living resources. The Institute has 220 staff operating from bases in Townsville, Perth and Darwin, which provide access to the Great Barrier Reef, Coral Sea, Torres Strait, Ningaloo Reef and Kimberley coast, Timor and Arafura Seas. AIMS has world-class laboratory facilities, two modern research vessels and extensive technical support. AIMS is responsible for much of the infrastructure of Australia’s Integrated Marine Observing System deployed in the tropics. Facilities on AIMS sites in Darwin and Townsville are being enhanced with $55M of capital funds from the Australian Government. In Townsville, this will include a state-of-the-art experimental ocean simulator in an extensive seawater precinct to support innovative research into coral spawning, water quality and climate change. All of this infrastructure supports five multidisciplinary Research Teams that in 2009 published 145 peer-reviewed outputs covering (1) biodiversity surveys and ecological/evolutionary processes (2) long-term monitoring and sustainable resource use (3) biogeochemical processes and ecosystem health (4) history and impacts of climate change, and (5) molecular and genetic mechanisms of marine symbioses. Historically, AIMS has raised 25% of budget from earned income and the 2009-10 budget was $50M.

Due to the recent investments, six new science positions based in Queensland are now available:

1. Research Team Leader (Climate Change) (position no. 367): Will lead and motivate a team of scientists covering coral sclerochronology, ocean observations, ecological impacts, and risk models. The team has the world’s largest collection of coral cores and will benefit strongly from the new infrastructure investment in ocean observing and controlled ocean simulations.

2. Climate Change Scientist (corals) (position no. 456): Will develop original research on the impacts of changing water chemistry upon reef-building corals and other calcifying organisms.

3. Climate Change Scientist (fishes) (position no. 457): Will develop original research on the impacts of climate change from thermal and other stresses upon tropical fishes.

4. Physical Oceanographer (modeling) (position no. 458): Will apply advanced skills in meso-scale hydrodynamic modeling to the interpretation of ocean observations flowing from IMOS and contribute to the development of a shelf-scale receiving waters model for the Great Barrier Reef.

5. Biostatistician (position no. 436): Will analyse and interpret complex experimental, survey, and monitoring data and develop methods and tools in an area relevant to biodiversity, water quality, or climate change research.

6. Bioinformatician (Postdoctoral Fellow) (position no. 427): Will apply strong skills in contemporary techniques to analyse genetic and genomic data collected from corals, symbionts, and microbes as part of a multidisciplinary team examining inter-Kingdom chemical communication in the coral holobiont.

More information about these jobs and detailed application kits available at www.aims.gov.au/employment. Further enquiries to AIMS Research Director, Dr Peter Doherty (p.doherty@aims.gov.au).

Super Science Fellowships - the future of the Great Barrier Reef in your hands

As part of the Australian Government’s Super Science Initiative (Marine and Climate), AIMS has received competitive funding to support three of the World’s best early-career researchers. Successful applicants will conduct original research within a Project entitled A changing climate for calcification on the Great Barrier Reef: past, present and future, which will investigate the impact of environment on marine calcifying taxa. Dr Janice Lough (AIMS) will lead a team of eminent Chief Investigators including Prof Ove Hoegh-Guldberg and Dr Ken Anthony (University of Queensland), Dr Bronte Tilbrook (CSIRO Marine and Atmospheric Research) and Professor Michael Bird (James Cook University) to deliver the following projects:

1. Coral calcification and environmental histories (Position No. 446)
2. Current physio-chemical environmental envelopes for coral reef organisms (Position No. 447)
3. Coral community calcification responses (Position No. 448)

These fellowships represent an exceptional opportunity to join a collaborative, multidisciplinary team addressing important questions about the future of coral reefs. Ideal candidates will be high achievers with 3 years of postdoctoral experience in directly relevant research. Positions are for 3 years based in Townsville but with provision to spend up to a year in the partnering institutions. Starting salary will fall between AUS$71,567 - AUS$78,729 (plus benefits). Detailed application kits are available at www.aims.gov.au/employment. Enquiries to Dr Janice Lough (j.lough@aims.gov.au).

Three more Super Science Fellowships are available and will be advertised in 2011 to join a follow-on project entitled A Changing Climate on the Great Barrier Reef: Present and Future Implications. Early-career researchers in the fields of marine microbiology and virology, prokaryote bioinformatics, and seawater chemistry should make early contact with Prof Linda Blackall (l.blackall@aims.gov.au).

Closing date for all positions is 30 September 2010
AIMS reserves its right not to fill any position from this call or to fill any position by invitation.

AIMS is an EEO employer and promotes a smoke free work environment.
Department of Biotechnology
Ministry of Science & Technology
Government of India

RAMALINGASWAMI FELLOWSHIP
Opportunity for Scientists of Indian Origin.

Applications are invited for “Ramalingaswami Fellowship”, a re-entry scheme of the Department of Biotechnology (DBT), Ministry of Science & Technology, Govt. of India.

Objective
1. The scheme is aimed at bringing back researchers of Indian origin working overseas in various fields of biotechnology, including agriculture, health sciences, bio-engineering, energy, environment, bioinformatics and other related areas, and who are desirous of pursuing R&D in an Indian institution.

Eligibility
2. The applicant should process a Ph.D., M.D. or equivalent degree with an outstanding track record as reflected in publications and other recognitions.
3. Only candidates of Indian origin working overseas are eligible to apply. Those who have already returned to India and are working in India are not eligible.

About the fellowship
4. Selected awardees will receive a fellowship amount of Rs. 75,000/- per month (consolidated) and a contingency grant of Rs. 5,00,000/- per year for purchase of consumables, minor equipment, international and domestic travel, engaging manpower and other contingent expenditure to be incurred in connection with the implementation of research project. However, the host institute/university where applicant proposes to work can consider giving additional benefits (e.g. HRA/housing, medical allowance, leave travel allowance and other benefits) as applicable to regular faculty.
5. In case an awardee finds a suitable permanent position during the tenure of the fellowship at any research institute/university, he or she can take up the job. In that case, he/she will have to opt for either the fellowship or salary. However, she/he can continue to avail the contingency grant with prior approval of DBT.
6. Ramalingaswami Fellows could take up fellowship at any of the scientific institutes/university in the country. However application should be duly forwarded by the competent authority of the host Institute.

Duration
7. The duration of the fellowship will be for a period of five years. This is extendable by another 5 years on a fresh appraisal.

How to apply
8. Applications may be sent as per proforma downloadable from DBT website (www.dbtindia.nic.in / www.dbtindia.gov.in) and duly forwarded by the competent authority to Dr. Meenakshi Munshi, Joint Director, Department of Biotechnology, Block-2, 7th Floor, CGO Complex, Lodhi Road, New Delhi -110 003, email: - meenakshi29.dbt@nic.in latest by 14 August, 2010. Other details regarding the proforma may be seen at www.dbtindia.nic.in / www.dbtindia.gov.in

Professor Positions

Korea University with 105 years’ history as the most prominent private-sector university in Korea invites applicants for tenure and non-tenure track research/education positions to begin in March 2011. The university, with a faculty of approximately 1,600 full-time professors, seeks to invite about 80 prominent scholars in about 70 fields. Responsibilities for tenure-track include teaching at least two courses per semester in English, conducting/publishing research, and assuming various administrative duties to support academic functions. Applicants must possess (i) at least near-native fluency in English and (ii) a Ph.D. by the time of application. Applicants must also have experience in teaching at the college level, a strong commitment to excellence in scholarship, and dedication to undergraduate and graduate teaching in their research areas. Visit our homepage at kuweb.korea.ac.kr/faculty to submit an application on-line and upload your research plan in file format.

[Enquiries] Phone : +82-2-3290-1072,1074
Fax : +82-2-929-9164
E-mail: faculty@korea.ac.kr
[Application deadline]: August 12, 2010.
The National Institute on Alcohol Abuse and Alcoholism (NIAAA), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is recruiting for a senior executive to serve as the Director of the Division of Treatment and Recovery Research (DTRR).

The Director, DTRR, provides national leadership for research on the treatment of alcohol use disorders, including setting scientific priorities through the development of long-term strategic plans and execution of funding decisions. In this capacity, the Director, DTRR leads the Division’s efforts on planning, stimulating, developing, and supporting clinical research on cutting-edge therapies for alcoholism. Clinical research at the NIAAA encompasses medications development, behavioral therapies, combined medications and behavioral therapies, recovery research, health services research, and the translation of research into clinical practice. Medications development is one of the NIAAA’s top research priorities. The Director, DTRR, oversees the NIAAA’s work on the full continuum of research included under medications development—from human laboratory studies to clinical trials, which requires close collaboration with internal and external scientists and researchers with other Federal State and Local government agencies, and national and international research organizations. The Director, DTRR serves as the principal advisor to the Director, NIAAA on alcohol treatment and recovery issues and advises the National Advisory Council on pending grant applications and the status of programs in the federal and private sector.

The selected candidate will be expected to hold a M.D., Ph.D., or equivalent degree. Criteria for selection includes: experience in developing, implementing and/or evaluating behavioral and clinical therapies, specifically in the area of medications development, relevant to alcoholism; experience in managing leading a complex clinical research organization, experience and expertise in communicating clinical, basic research and programmatic information to scientific and non-scientific audiences; a strong publication record in the field of clinical, behavioral, and medications development research and experience in developing, implementing and managing multidisciplinary and trans-disciplinary research programs on treatments for alcohol use disorders and determinants of post-treatment recovery.

The Director, DTRR, is an Excepted Service position (Title 42), and the successful candidate will be appointed at a salary commensurate with qualifications and experience. Full Federal benefits including leave, health and life insurance, long-term care insurance, retirement, and savings plan (401K equivalent) will be provided.

Interested candidates should submit a curriculum vitae, bibliography, and the names, addresses, contact numbers (phone and fax) and e-mail address of four references by the closing date to the following e-mail account:

E-mail: dtrrdirectorrecruit@mail.nih.gov

Applications will be accepted through September 15, 2010, or until the position is filled.

The NIH is dedicated to building a diverse community in its training and employment programs.
The Faculty of Science at the University of Zurich invites applications for a

**Professorship in Evolutionary Adaptation to Environmental Change**

The newly founded Institute of Evolutionary Biology and Environmental Studies conducts research in the areas of ecology, evolution, behaviour and the environment. We seek outstanding, innovative applicants with a record of excellence in research who will complement our existing interests and strengths.

The successful candidate is expected to develop a strong, independent program of empirical research that integrates both evolutionary and environmental aspects, to attract external funding, and contribute to graduate and undergraduate teaching (in English or German). The position will be preferentially at the level of associate or tenure-track assistant professor. The University of Zurich provides generous research support, including earmarked funds for personnel and running expenses, and competitive start-up packages.

Zurich offers a stimulating scientific and cultural environment, including a rich spectrum of research activities in life sciences, and provides extensive opportunities for collaborations with research groups at the Faculties of Science and of Medicine of the University of Zurich, as well as teams at the nearby ETH Zurich.

Application packages should include a full curriculum vitae (see [http://www.ieu.uzh.ch/static/documents/](http://www.ieu.uzh.ch/static/documents/) for guidelines), an introductory summary, a vision statement of research interests outlining major unsolved problems and how they could be tackled, and the names and addresses of four potential referees. Documents should be addressed to Prof. Michael Hengartner, Dean of the Faculty of Science, University of Zurich, and submitted as a single PDF file to jobs@mnf.uzh.ch by September 30, 2010. For further information, please contact Prof. Andy Hector at andrew.hector@uzh.ch. The University of Zurich is an equal opportunities employer. Applications from women are particularly encouraged (see CV guidelines).

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**SENIOR RESEARCH SCIENTIST IN BEHAVIORAL SCIENCES**

The Julius L. Chambers Biomedical/Biotechnology Research Institute (BBRI) at North Carolina Central University invites applications for the position of Senior Research Scientist in the Behavioral Sciences. This position provides a unique opportunity to develop translational studies in one or more of the priority research programs of the university: cardio-metabolic diseases, cancer, and neuroscience. Current research interests include end-organ damage, mechanisms of vascular disease, obesity, prostate, esophageal and pancreatic cancer, ischemic drug-induced brain injury and neurodegenerative diseases. The ideal candidate would present a track record of research accomplishments in epidemiology, social systems, and/or the cultural, psychological and structural foundations of behavior that underlie the development, progression and consequences of these diseases and disorders. The senior scientist would be expected to support existing research programs and forge additional translational research partnerships between the various academic units at NCCU in the behavioral and social science areas as well as with many academic and research institutions in the Research Triangle Park area.

The Institute seeks an individual whose research interests complement the program’s basic science research efforts. Applicants must hold a Ph.D. and/or M.D. and should present a strong record of competitive external funding, a documented ability to mentor junior scientists, a record of peer-reviewed research publications, evidence of outreach activities, and an ability to work with diverse populations.

Review of applications will begin immediately and will continue until the position is filled. Applicants should submit curriculum vitae, a description of research interests, and contact information for three references to: Ms Connie Key, Julius L. Chambers Biomedical/Biotechnology Research Institute, North Carolina Central University, 700 George Street, Durham, NC 27707, or via email ekkey@nccu.edu. For more information about the BBRI and NCCU visit [http://www.nccu.edu/BBRI](http://www.nccu.edu/BBRI).

North Carolina Central University is a constituent institution of the University of North Carolina System and an Equal Opportunity, Affirmative Action Employer. NCCU complies with the Immigration Reform and Control Act of 1986.

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The University of Vermont College of Medicine is seeking applications from, or nominations of, outstanding candidates for the Chair of Biochemistry. This position is part of a strategic initiative in the College to build on areas of strength and increase interactions among the basic and clinical sciences. The College is particularly interested in candidates with substantive credentials in molecular cancer biology especially in areas related to environmental carcinogenesis. It is expected that candidates would have credentials appropriate for a tenured position. The Chair will be responsible for the development and oversight of the educational and research programs of the Department and have the opportunity and resources to implement a visionary approach to the discipline while promoting translational research. Current strengths of the Department are in Solution and Structural Studies of Macromolecules, and the Cell and Molecular Biology of cancer and of thrombosis.

The successful candidate will be an internationally recognized scientist with a Ph.D. or equivalent degree who has demonstrable skills as a leader, and substantial experience in the administrative, teaching and research activities of an academic department. The College seeks an innovative Chair who will position the Department as a national academic and research leader.

The University of Vermont is located in Burlington, a vibrant community with year-round recreational opportunities, safe communities and excellent schools. This progressive community has been frequently cited as one of the most livable cities in the U.S. Applications will be accepted until the position is filled. A curriculum vitae and letter of interest should be sent electronically to Linda Thatcher at the address below.

Susan S. Wallace, Ph.D.
Chair, Biochemistry Search Committee
c/o Linda Thatcher (Linda.thatcher@UVM.edu)
E-126 Given Building
University of Vermont College of Medicine
Burlington, VT 05405-0068
Or apply online at [http://www.uvmjobs.com](http://www.uvmjobs.com)

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. Women and those from diverse racial, ethnic and cultural backgrounds are encouraged to apply.
Sanford Health, a non-profit, integrated healthcare system, invites applications for the position of President of Research. Sanford Health has accelerated the expansion of its health research enterprise, Sanford Research/USD, following receipt of a transformational gift by philanthropist Denny Sanford. Sanford Research/USD engages in medical research to discover, develop, verify and publish knowledge regarding the causes, diagnoses, treatment, prevention or control of certain diseases. Existing centers of research include Cancer Biology, Cardiovascular Health, Children’s Health, Clinical Research, Health Disparities, Athletic Health and Performance, Women’s Health and the Sanford Project, a unique focus on the near-term identification of a cure for type 1 diabetes. Sanford’s research mission includes the verification and publication of knowledge regarding the causes, diagnoses, treatment, prevention or control of certain diseases.

Sanford Health’s 18,000 employees serve more than two million people in six states. The system includes 30 hospitals with a total of 1,600 beds and employs more than 800 physicians in 70-plus specialty areas. Sanford Research/USD includes more than 160 full-time research staff and has grown to include more than $30 million in annual research expenditures. The system expects significant growth in this area. With main tertiary, research and administrative centers in Sioux Falls, South Dakota and Fargo, North Dakota, Sanford Health is the largest rural healthcare system in the United States.

Sanford seeks an accomplished scientist and innovative research leader with a track record of building and leading multiple research teams. The successful candidate will likely have had a career as a scientist and administrator with progressive responsibilities in building research programs and additional management functions. It is important that the candidate understand how to integrate research activities within the overall patient care mission of the health system. Additional experience with translational research and commercialization would also be of value. Finally, the candidate will have a desire to forge strong research collaborations and business relationships, a demonstrated track record of obtaining extramural funding and the ability to mentor faculty. Each researcher at Sanford Research/USD has a faculty appointment at the Sanford School of Medicine at the University of South Dakota.

Significant institutional support, including modern laboratory space and state-of-the-art facilities, will be provided in the new 300,000-square-foot Sanford Research Center. A comprehensive compensation package will be tailored to the individual’s qualifications. Applicants should have a PhD, DVM, MD or MD/PhD degrees. Candidates should submit a detailed curriculum vitae, description of research experience and future plans, and at least three letters of recommendation. Application materials should be sent to:

M. Benjamin Perryman, PhD
Sanford Health
2301 East 60th Street North
Sioux Falls, SD 57104

For further information, contact (605) 333-6561 or perrymab@sanfordhealth.org

Sanford Health is an Equal Opportunity/Affirmative Action Employer.

EIGHT POSITIONS FOR EXCELLENT RESEARCHERS

The Sahlgrenska Academy, University of Gothenburg, SWEDEN

As part of a strategic initiative, the Sahlgrenska Academy at the University of Gothenburg hereby announces eight positions for excellent researchers. Four of them are faculty positions and open for all areas of medical research and four are four-year positions for patient centred research.

The Sahlgrenska Academy is the faculty of health sciences at the University of Gothenburg. Research and education are conducted within the fields of medicine, odontology, pharmacy, and health care sciences. The Sahlgrenska Academy is organized in six institutes, and the positions will be placed in any of these according to the applicant’s research interest. The researchers will have access to a number of state of the art core facilities.

FOUR SENIOR RESEARCH POSITIONS Ref.no: E 36 2660/10

The Sahlgrenska Academy wishes to attract four outstanding researchers for faculty positions in any type of medical research. These open positions are tenured and intended for excellent researchers with an already established independent profile and funding. The excellence will be evaluated in relation to the applicant’s career phase. Depending on qualifications and external funding, generous starting up packages will be negotiable.

QUALIFICATIONS: PhD or equivalent academic degree within a relevant field. The main criteria for evaluation will be scientific excellence, capacity to attract and build a research team, and the capacity to attract external funding. Interpersonal skills will also be evaluated.

FOUR POSITIONS (4-YEARS) IN PATIENT CENTRED RESEARCH Ref.no: E 333 2763/10

The Sahlgrenska Academy wishes to attract promising scientists for positions in patient centred research. These postdoctoral research fellow positions are for excellent researchers in the early phase of their career. The Sahlgrenska Academy wishes to stimulate broadening of clinical research and to foster translational research with new alliances between patient centred and other research groups. The positions are preferably for clinical researchers and are full-time for 4 years. There are possibilities for an extension. Resources for one doctoral student position will be provided for each recruited researcher.

QUALIFICATIONS: PhD or equivalent academic degree awarded not more than 5 years prior to the closing date of the application (longer period could be considered). The main criteria for evaluation will be scientific excellence, and the capacity to attract funding. Interpersonal skills will also be evaluated. Emphasis will be put on evaluating the proposal in terms of added value to patient centred research at the Sahlgrenska Academy.

APPLICATION: Information about application for all eight positions, see full size ad at: http://sahlgrenska.gu.se/excellent_researchers
Application deadline is September 19, 2010.

For further information contact Dean Olle Larkö,
phone: +46 31 786 3809, e-mail: olle.larko@sahlgrenska.gu.se.

UNIVERSITY OF GOTHENBURG

www.gu.se
Institution: National Institute of Radiological Sciences
Post Vacancy Notice

(1) Senior Researcher in Molecular Neuroimaging
Non-tenure-track position (with the possibility of offer of a tenure-track position, subject to evaluation.)
*Salary will be 7,000,000 yen/year (pre-tax) minimum.
Commuting and housing allowances will be provided as per NIRS policy.

(2) Postdoctor
3-year contract (with the possibility of offer of a full-time position, subject to evaluation, thereafter )
*Salary will be 361,000 yen/month (pre-tax).

Outline:
Our research team is committed to clarifying molecular etiologies of neuropsychiatric disorders and developing agents targeting key elements in the pathogenesis of these diseases by means of in vivo imaging of small animal models. A research scientist who has expertise in this field is welcome to join us.

Content of Work and Research Field:
Execution of basic research projects aimed at elucidating molecular mechanisms of neuropsychiatric disorders and developing diagnostic and therapeutic approaches to these illnesses.

Basic and preclinical research on neuroimaging in collaboration with other research institutions and private companies using small animals.

• Biology – Biological Science
• Medicine and Dentistry, Pharmacy – Basic Medicine
• General Field – Neuroscience

Qualifications:
Ph.D. (doctoral degree) in medicine, pharmacy, biological sciences or relevant field.

Treatment: Determined as prescribed in the institutional personnel regulations.

Application Materials:
1) Curriculum vitae
2) Letter of recommendation
3) Summary of major research activities (up to 2 pages on A4 paper, double spaced)
4) Statement of research interests (up to 2 pages on A4 paper, double spaced)
5) List of publications
6) Reprints of major papers (up to 5; copies are also acceptable)

Makoto Higuchi, Team Leader,
Molecular Neurobiology Team, Molecular Imaging Center,
National Institute of Radiological Sciences
4-9-1 Anagawa, Inage-ku, Chiba, Chiba 263-8555, Japan.
E-mail: mhiguchi@nirs.go.jp

Institution URL: http://www.nirs.go.jp/ENG/index.html
Department URL: http://www.nirs.go.jp/seika/brain/brain_e/index.html

Two Faculty Positions at Seoul National University
School of Biological Sciences, Korea

The School of Biological Sciences invites applications for two tenure-track faculty positions to preferably begin March 2011 in the areas of (1) Microbiology and its related areas and (2) Phylogeny/Ecology of eukaryotic microorganisms. The responsibilities of these positions include both research and teaching. These positions are open to qualified individuals regardless of nationality. The applicants should have a Ph.D., or equivalent degree along with postdoctoral experience. An attractive start-up package will be provided for successful applicants. Also, governmental research grants are applicable for faculty research. The school offers an excellent environment for collaborative research and is equipped with state of the art research facilities. Additional Departmental information is available at website: http://biosci.snu.ac.kr. Interested applicants should send a CV including lists of publications and future research topics by email to Chair, Prof. Jung-Hye Roe (ckmu81@ snu.ac.kr) in PDF format. Consideration of applications will continue until the positions are filled.

Carnegie Institution for Science
DIRECTOR
DEPARTMENT OF TERRESTRIAL MAGNETISM

The Carnegie Institution for Science seeks a Director for the Department of Terrestrial Magnetism to lead the department in a multidisciplinary program of basic research in Earth and planetary science. Applicants should have a record of excellence in research on scientific problems in this area. The successful candidate will be expected to carry out an active scientific program and provide general scientific leadership for the staff, which currently includes groups in geochemistry and cosmochemistry, planetary and stellar astronomy, and geophysics and planetary physics.

Founded in 1902 as an organization for scientific discovery, the Carnegie Institution hosts scientists who are leaders in the fields of plant biology, developmental biology, Earth and planetary sciences, astronomy, and global ecology. Situated in a park-like setting in Washington, D.C., the Department of Terrestrial Magnetism has 15 staff scientists, 15-20 postdoctoral fellows, and a supporting technical staff. A significant portion of scientific and technical staff salaries, several postdoctoral fellows, and a major part of the research program are covered by endowed funds. Research grants make up the balance of the funding. It is collocated with the Geophysical Laboratory, which carries out independent research programs in rock and mineral physics, geochemistry, and geoadastrobiology.

Potential candidates should send a CV and letter of interest to search@carnegiescience.edu. If you have questions or would like further information, please contact the chair of the search committee, Dr. Mary Lou Zoback, at MaryLou.Zoback@rms.com.

The Carnegie Institution is an Equal Opportunity Employer and encourages applications from women and minorities.

Assistant and Associate Professor
Department of Biochemistry and Molecular Biology
University of Arkansas for Medical Sciences

The College of Medicine at the University of Arkansas for Medical Sciences is seeking applications for one tenure track faculty member at the level of Assistant Professor and one at the level of Associate Professor in the Department of Biochemistry and Molecular Biology (http://www.uams.edu/biochem/). The department is seeking highly qualified biochemists/molecular biologists who will participate in the campus-wide effort to establish cross-discipline research programs in cancer biology, broadly defined. The positions offer competitive salary (state supported), benefits, start up packages and outstanding new research space in the 300,000 sq. ft. expansion to the Winthrop P. Rockefeller Cancer Institute (http://cancer.uams.edu/).

Candidates must possess a PhD and/or MD degree with preference given to those with funding from the National Cancer Institute. Successful candidates will be expected to have or develop an internationally leading research program and contribute to teaching medical and graduate students. Little Rock is a small city (area population of 600,000) with many cultural amenities, a very affordable cost of living, a temperate climate, and beautiful natural surroundings.

Consideration of candidates will begin immediately and will continue until the positions are filled. Applicants should submit curriculum vitae, a brief statement of proposed research, and arrange for three reference letters to be sent to (electronic submission preferred): Biochemistry Search Committee, Department of Biochemistry and Molecular Biology, University of Arkansas for Medical Sciences, 4301 W. Markham St., Little Rock, AR 72205. E-mail: Biochemsearch@uams.edu.

UAMS is an Equal Opportunity/Affirmative Action Employer.
BECAUSE
We are focused on truly innovative science.

For more than 30 years, Genentech has been at the forefront of the biotechnology industry, using human genetic information to develop novel medicines for serious and life-threatening diseases. Now a wholly owned member of the Roche Group, Genentech has multiple therapies on the market for cancer and other serious illnesses.

The following opportunity exists in our South San Francisco, CA, headquarters:

**Associate Director/Senior Scientist – Assay & Automation Technology (AAT)**

This role develops and implements biochemical and cell-based assays to support the discovery and development of new protein therapeutics. The candidate should have a strong interest in evaluating and implementing novel assay technologies. He/she should be able to work and lead effectively in a collaborative environment on projects ranging from early to late stage discovery; weigh in on strategic decision-making regarding therapeutic candidate nomination for early development; and IND submission.

The position requires a Ph.D. in immunology, cell biology or related field with at least 2 years of postdoctoral experience, 10+ years of relevant experience in the biotech and/or pharma industries along with 4-5 years in protein therapeutics. Experience managing and mentoring 5+ Ph.D. scientists is required.

To apply, please visit [http://careers.gene.com](http://careers.gene.com) and reference Req. #1000032086. Use “Ad-Science” when a source is requested. Genentech is an equal opportunity employer.

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In October 2009, Genentech was named “top employer in the biopharmaceutical industry” by Science magazine.

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**Tufts Medical Center**

**CHIEF SCIENTIFIC OFFICER**

Tufts Medical Center, the principal teaching hospital for Tufts University School of Medicine, is seeking an outstanding academic physician leader to serve as the Institution’s Chief Scientific Officer. In this role, you will be responsible for providing exemplary scientific and strategic leadership in developing and growing the Research Enterprise at Tufts Medical Center.

**TUFTS MEDICAL CENTER AND FLOATING HOSPITAL FOR CHILDREN**

rank among the top ten of the nation’s independent hospitals that receive federal research funds. We are home to strong department-based research programs as well as multiple special emphasis research institutes.

The successful candidate will be eligible for an appointment as Professor at Tufts University School of Medicine, must possess exceptional knowledge and experience in basic, pre-clinical, clinical, translational, outcomes, or policy research, and will have a demonstrated record of accomplishment leading multidisciplinary research teams.

If you are interested in continuing a great tradition of excellence and innovation in a collegial environment, please send a letter of interest and CV to Eric Beyer, Chair, CSO Search Committee, Tufts Medical Center Physicians Organization c/o: klebold@tuftsmedicalcenter.org.

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**Penn State Tenure-track Positions in Ecology, Energy Science, Engineering, & Policy**

**Earth Systems Ecology (2 positions)**

Two faculty positions at the Assistant Professor level: areas of study could include interactions among landscapes, terrestrial ecosystems, climate change, land use/land cover change, biofuel production or other energy-related processes, and biogeochemical cycling. Landscape to global scale research is desired. The successful candidate would have strengths in areas such as Earth system modeling, spatially explicit vegetation modeling, remote sensing, networked observations, model-data synthesis, and coupled natural and human systems. Exemplary candidates at a higher rank will be considered. One position will reside in the College of Earth and Mineral Sciences, the other in the College of Agricultural Sciences. Email: Debbie Lambert (lambert@essc.psu.edu).

**Plant Biology/Bioenergy Faculty Position**

The Department of Biology invites applications for a tenure-track faculty position at the Assistant or Associate Professor level in Plant Biology, with research relevant to plant-based bioenergy including plant cell walls, carbon allocation, and energy storage and utilization. PSU is the lead institution for the Center for Lignocellulose Structure and Formation (www.lignocellulose.org), funded by the DOE. Candidates should have a strong research record and a commitment to teaching. Candidates should email an application letter, curriculum vitae, research prospectus, teaching interests, and contact information of at least three references, all as a single PDF document, to plantenergy103@bio.psu.edu. Three publications/manuscripts may be submitted as separate PDFs.

**Solar Energy to Electric Conversion**

The Department of Electrical Engineering invites applications for a tenure-track faculty position in photovoltaics. Exceptional candidates at all levels are encouraged to apply. The applicant must have an Electrical Engineering background as well as the ability to teach Electrical Engineering topics effectively at both the undergraduate and graduate levels and to establish and maintain a strong, externally-funded research program. Of particular interest are individuals with expertise in third generation photovoltaics, and light-matter interactions at the nanoscale. Email: Thomas Jackson (tnj1@psu.edu) or Kenneth Jenkins (wkj1@psu.edu).

**Integrated Assessment of Energy Systems and Policy**

The Department of Geography welcomes applications at the assistant/associate level in the area of integrated assessment of energy systems and policy from spatial, environmental and technical perspectives. Candidates should have expertise in energy systems, energy policy, and appropriate analytical and modeling methodologies, in the context of a rapidly urbanizing and globally integrated economic-geographical world. Ph.D. in geography, a policy science or related field with evidence of relevant research, teaching interests and a strong commitment to interdisciplinary collaboration is required. Email: geogaa@geog.psu.edu.

See: [www.psiee.psu.edu/open_positions.asp](http://www.psiee.psu.edu/open_positions.asp).

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.
The Department of Molecular Physiology and Biophysics at Baylor College of Medicine is seeking scientists with outstanding records of research accomplishment for faculty positions at the Assistant (tenure-track) and associate professor level. Ideal candidates will develop a strong independent research program and be committed to excellence in graduate and medical student education. Candidates employing advanced technologies for studying the cardiovascular system in vertebrate models of human disease are particularly encouraged to apply. The department has a strong commitment to both basic and translational biomedical research and has state-of-the-art facilities for confocal and multiphoton imaging, mouse MRI, computed tomography and cores for the creation and phenotypic analysis of new mouse models. Baylor College of Medicine is a world-renowned research institution with strengths in many areas and ample opportunities exist for scientific interaction and collaborations within the department, throughout the College, and with the other world class institutions of the Texas Medical Center.

Applications must be received by October 15, 2010. Please email your application materials to molphys@bcm.edu and include a curriculum vitae and a description of your current and future research program. Additionally, have three letters of references sent separately to the same email address.
Call for Nominations

Max Planck Research Award 2011

The International Research Award of the Alexander von Humboldt Foundation and the Max Planck Society

The Alexander von Humboldt Foundation and the Max Planck Society jointly confer the Max Planck Research Award, which is funded by the German Federal Ministry for Education and Research, on exceptionally highly-qualified German and foreign scientists. The researchers are expected to have already achieved international recognition and to continue to produce outstanding academic results in international collaboration – not least with the assistance of this award.

Every year, two research awards are conferred on internationally renowned scientific researchers. One of the awards should be given to a researcher working in Germany and the other to a researcher working abroad. As a rule, each Max Planck Research Award is endowed with 750,000 Euros. Nominations of qualified female scientific researchers are especially welcome.

On an annually-alternating basis, the call for nominations addresses areas within the natural and engineering sciences, the life sciences, and the humanities.

The Max Planck Research Award 2011 will be awarded in the area of engineering sciences in the field of

Intelligent Systems

Intelligent systems integrate information acquisition and processing, as well as target-oriented action, also under diffuse boundary conditions. Research in engineering science that deals with intelligent systems focuses on, among other things, making rational and human cognitive performance and procedures available for artificial inanimate and bio-hybrid systems by machines.

The Rectors/Presidents of German universities or research organisations and the scientific heads of institutes of these organisations are eligible to nominate candidates. Nominations must be submitted to the Administrative Headquarters of the Max Planck Society or the Alexander von Humboldt Foundation. Direct applications by candidates themselves are not possible. The deadline for nominations is 20 October 2010.

Please find further information at either www.humboldt-foundation.de or www.mpfp.mpg.de

Regional Centre for Biotechnology

Career Opportunities in Physical Sciences & Engineering

The Regional Centre for Biotechnology (RCB), a newly created institution in the National Capital Region (NCR) of Delhi, is looking for innovative faculty members working in the domains of physics of complex systems, computer science, chemical & bio-physics, materials science, nanoscience & technology, sensor devices and instrumentation engineering, to develop novel research and teaching programmes in biotech science, as in the fields of artificial intelligence, biomedical imaging, biosensors and devices, tissue engineering, structural & systems biology and drug discovery. The RCB recognizes that expertise and innovation in these core domains is critical for the development of novel perspectives in biotechnology, and invites physicists and engineers of the highest caliber and credibility to participate in this shared adventure to transform the biotech sciences. A description of the RCB and its mandates and projections can be found on the website http://www.rcb.res.in.

Faculty appointments will be offered from entry to program coordinator levels depending on the quantum of experience and the quality of scientific productivity. Interested scientists are invited to send their curriculum vitae containing relevant details, list of publications and the names of three potential referees along with their electronic mail addresses to the Executive Director, Regional Centre for Biotechnology, c/o National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi –110067, India. An advance electronic copy of the bio-data may be sent to the e-mail address: office@rcb.res.in. Only short-listed candidates will be contacted for further discussions.
Texas State University-San Marcos is a member of The Texas State University System. **Texas State University-San Marcos**

**Faculty Search, Materials Science, Engineering, and Commercialization**

**Posting #2011-14**

Texas State University is aggressively developing a new interdisciplinary Materials Science, Engineering, and Commercialization Program based on collaborations among the Departments of Biology, Chemistry and Biochemistry, Engineering Technology, the Ingram School of Engineering and Physics. We invite applications for an open position to be immediately filled by an outstanding candidate with active and internationally recognized interdisciplinary research efforts in advanced materials for emerging technologies in biomaterials, biosensing, new epitaxial materials, nanocomposites and polymers, and energy harvesting. Other areas will be considered as well. Rank, tenure status and home department are negotiable based on qualifications.

The successful applicant will establish a vigorous externally funded research program, supervise graduate students, collaborate with other faculty, and be committed to teaching at the undergraduate and graduate levels. We have received a State of Texas Emerging Technology Fund Research Superiority Acquisition Award that provides a highly competitive salary and start-up package. In accordance with the guidelines of this award, preference will be given to candidates from outside the state of Texas whose research efforts have a high likelihood of supporting technology transfer and commercialization.

Texas State is a doctoral-granting university located in the burgeoning Austin-San Antonio corridor, the largest campus in The Texas State University System, and among the largest in the state. Texas State’s 30,000 students choose from 109 undergraduate and 88 master’s and 8 doctoral programs offered by eight colleges. Additional information about Texas State and its nationally recognized academic programs is available at [http://www.txstate.edu](http://www.txstate.edu).

**Qualifications:** Applicants will hold an earned doctoral degree and possess a record of intellectual and academic accomplishments in the described areas that will qualify her or him for appointment at the appropriate level in the appropriate academic department. Other required qualifications include a strong record of funded research, and a strong record ofscholastic achievement. Industrial or commercialization experience is highly desired.

**Application:** Review will begin immediately and continue until the position is filled. To ensure full consideration, submit the following as soon as possible—Faculty application ([http://facultyrecords.provost.txstate.edu/faculty-employment/application.html](http://facultyrecords.provost.txstate.edu/faculty-employment/application.html)) and accompanying materials which include: a letter of intent; vita; statements of the proposed research program, a potential commercialization strategy, and your teaching philosophy; and list of five references to: petfmsec@txstate.edu.

The International Risk Governance Council (Geneva) is looking for its Director who, together with the Board of Foundation and the Scientific and Technical Council, will lead IRGC’s future developments. See [website](http://www.irgc.org) for additional information.

**VIRGINIA COMMONWEALTH UNIVERSITY**

**Department of Chemistry**

The Department of Chemistry at Virginia Commonwealth University invites applications for a tenure-track position in the broad area of chemical biology to begin in fall 2011, contingent upon funding. The position is at the ASSISTANT PROFESSOR level, but outstanding candidates with established records of research funding will be considered for higher-level appointments. A Ph.D. in chemistry is required, and postdoctoral experience is preferred. Evidence of success as an independent investigator is highly desirable. The successful candidate will be expected to develop and maintain a funded, nationally recognized research program, and teach undergraduate and graduate courses in chemistry and biochemistry. The candidates’ research interests should complement those of existing faculty and contribute to a new, interdisciplinary cross-campus Ph.D. program in chemical biology. Curriculum vitae, a description of proposed research, an estimate of startup costs, a statement of teaching interests, and three letters of recommendation should be sent to: Chair of the Chemical Biology Search Committee, Department of Chemistry, P.O. Box 842006, Virginia Commonwealth University, Richmond, VA 23284-2006. Review of applications will begin immediately.

Virginia Commonwealth University is an Equal Opportunity/ Affirmative Action Employer. Women, minorities, and persons with disabilities are encouraged to apply.

**POSITIONS OPEN**

**SENIOR SCIENTIST**

**Cardiovascular Health Research Center**

The Cardiovascular Health Research Center (CVHRC) at Sanford Research/USD (the research division of Sanford Health System) invites applications from researchers for a full-time faculty position at the rank of Senior Scientist.

A historic $400 million gift by philanthropist T. Denny Sanford has allowed for expansion of Sanford Research/USD with the opening of the new Sanford Research Center (300,000 square feet) and the establishment of collaboration with the Sanford-Burnham Institute for Medical Research La Jolla. These provide researchers with state-of-the-art core facilities and are enabling the creation of an integrated, world-class, academic research network.

We seek an outstanding scientist with an active research program in cardiovascular diseases, ideally with a focus on clinical research and/or vascular biology. Applicants must hold a Ph.D., D.V.M., M.D., or M.D.-Ph.D. degree and have a demonstrated track record of successful extramural grant support and publications, and proven leadership and management skills. Successful candidates will join the energetic and collegial research community at Sanford Research/USD, serving as a mentor to junior faculty members while advancing his or her independent research program.

Significant institutional support including modern laboratory space and state-of-the-art facilities will be provided. A comprehensive compensation package will be tailored to the individual’s qualifications. Candidates should submit detailed curriculum vitae, a description of research experience and future plans, and at least three letters of recommendation.

Application materials should be sent to:

William S. Harris, Ph.D.
Director, Sanford Cardiovascular Health Research Center
Sanford Research, USD
1305 W. 18th Street, P.O. Box 5039
Sioux Falls, SD 57117-5039
Telephone: 605-312-6303; fax: 605-312-6071
E-mail: harrisw@sanfordhealth.org

Website: [http://www.sanfordhealth.org/Research/ResearchCenters/CardiovascularHealth](http://www.sanfordhealth.org/Research/ResearchCenters/CardiovascularHealth)

Sanford Health is an Equal Opportunity/Affirmative Action Employer.

**DIRECTOR MEDICAL RESEARCH**

Martek Biosciences Corporation (MATK), a leading innovator in the production of algae-based nutritional products located in Columbia, Maryland, is currently seeking a Director Medical Research who will have responsibility and accountability for medical oversight of all Martek’s preclinical and clinical research programs worldwide. The research programs will evaluate new clinical and commercial applications for long-chain polysaturated fatty acids and other nutritional and/or pharmaceutical compounds in humans and animals using pharmaceutical and/or nutritional study approaches. The individual is expected to provide a high level of medical and clinical insight, initiative, and leadership and to develop a high degree of cooperation with and timely feedback to domestic and international project teams. This position requires an M.D. or M.D.-Ph.D. and a minimum of five years experience in a clinical research leadership role.

Please see [website](http://www.martek.com/about/careers.aspx) to apply online.

**MARKETPLACE**

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