科学职业
分类广告

BENNETT L. SMITH ENDOWED CHAIR IN BUSINESS AND NATURAL RESOURCES

The Department of Earth and Planetary Sciences and the School of Business are seeking to fill an endowed chair at the level of FULL PROFESSOR or above with tenure. The successful candidate should have broad knowledge and experience in Earth sciences related to energy and climate as well as an understanding of relevant economic and business policies. A Ph.D. in Earth sciences and advanced studies in economics and business is required. Teaching and research are expected, and research involves a broad range of energy-related topics. Candidates must have a strong commitment to excellence in teaching and research. The successful candidate will lead in developing teaching, research, and service in energy and the Earth. Expertise in evaluating commercial prospects of energy-oriented technologies is desired. Candidates with exemplary records in academia, government, or business are encouraged to apply. The salary range is competitive, commensurate with experience and qualifications. Review will begin on June 1, 2009, and will continue until the position is filled. Applicants should submit a letter of interest, curriculum vitae, and the names and contact information for at least three references. All correspondence should be e-mailed to:

Michael Carr, Chair
Search Committee for Bennett L. Smith Chair
School of Arts and Sciences, Rutgers University
77 Hamilton Street, New Brunswick, NJ 08901
Telephone: 732-932-7494
E-mail: carr@rutgers.edu

LABORATORY ASSISTANT, BIOLOGY

Manhattan College is an independent, Catholic co-educational institution in the LaSallian tradition located in the Riverdale section of New York City. We ask our faculty, administration, and staff to be knowledgeable about our mission and to make a positive contribution to that mission.

We seek a Laboratory Assistant to order supplies, keep inventory, store/dispose of materials, and coordinate laboratories for classes, including nonmajor biology laboratories and upper level microbiology and genetics. Will teach introductory laboratory for biology majors as well as laboratories for nonmajors. Master’s of Science degree required. Laboratory experience in making microbial culture media, molar solutions, and buffers recommended. Experience teaching in a laboratory setting a plus. Must work well in a team environment and have ability to work with diverse group of faculty, staff, and students. Occasional evening and weekend work required. Please submit curriculum vitae and two letters of recommendation to:

Human Resources / Biology Search Committee
MANHATTAN COLLEGE
451 Manhattan College Parkway
Riverdale, New York 10471
E-mail: humanresources@manhattan.edu

Electronic submission of material is encouraged. Review of applications will begin March 30, 2009.

Women and minorities are encouraged to apply. We are committed to a diverse campus community. An Affirmative Action/Equal Opportunity Employer, Minorities/Females/Persons with Disabilities/Veterans.

Two-year POSTDOCTORAL ASSOCIATE position available in our bovine mastitis research group. Qualifications: D.V.M./Ph.D. working in applied immunology with experience in animal models. Submit a resume with names of three references to: Dr. Ynte Schukken, e-mail: yhs2@cornell.edu.

Cornell University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITIONS in Cardiovascular Molecular Signaling Networks

Two NIH-funded positions are immediately available to study intracellular mechanisms of rennin-angiotensin system actions in cardiomyocytes and animal models. Recent Ph.D. graduates in the biological sciences, with a background in immunohistochemistry, confocal imaging, intracellular trafficking, culture of neonatal and adult heart cells, RT-PCR, polyethylene chain reaction, cell transfection, and small animal surgical techniques are encouraged to apply. Please forward a cover letter, curriculum vitae, and three references to e-mail: kbaker@medicine.tamhs.edu or to: Kenneth M. Baker, M.D., Division of Molecular Cardiology, Mayborn Chair in Cardiovascular Research, Texas A&M Health Science Center, College of Medicine, 301 South First Street, Building 205, Temple, Texas 76504.

FACULTY POSITION in Spinal Cord and Brain Injury Research

Indiana University School of Medicine

The Stark Neurosciences Research Institute (SNRI) of the Indiana University School of Medicine is seeking an outstanding investigator for a tenure-track faculty position at the rank of ASSISTANT or ASSOCIATE PROFESSOR in its Spinal Cord and Brain Injury Research Group (SCBIRG). More senior candidates with outstanding credentials in research and extramural funding may also be considered. Primary faculty appointments will be in the Department of Neurological Surgery and/or the Department of Anatomy and Cell Biology, although other department affiliations are possible. Of particular interest are candidates with one or more of the following areas of expertise in spinal cord injury research: (1) molecular mechanisms underlying axonal guidance, plasticity, and regeneration, (2) cell death mechanisms and neuroprotection, (3) transplantation-mediated recovery of function, and (4) transgenic animal models in spinal cord regeneration. Qualified applicants should have a Ph.D. and/or M.D. degree, at least several years of postdoctoral experience, and a consistent history of high-quality publications. Candidates will be expected to develop a successful, funded research program and participate in graduate and medical student training. Exceptional resources include generous startup funding, ample laboratory space in a new research building, and access to excellent core facilities including DNA array and mass spectral analysis, viral vector generation, transgenic facilities, multiphoton microscopy, and small animal functional imaging.

Interested individuals should send curriculum vitae, a cover letter stating research interests and achievements, a prospectus of future research plans, and names and addresses of three professional references. Please address application materials to SCBI Faculty Search Committee, and submit in electronic form to e-mail: snri@iupui.edu. Evaluation of applications will begin upon receipt and continue until the position is filled. Women and minority candidates are especially encouraged to apply. IU is an Equal Employment Opportunity/Affirmative Action Employer, Minorities/Females/Persons with Disabilities.

Two-year POSTDOCTORAL ASSOCIATE position available in our bovine mastitis research group. Qualifications: D.V.M./Ph.D. working in applied immunology with experience in animal models. Submit a resume with names of three references to: Dr. Ynte Schukken, e-mail: yhs2@cornell.edu.

Cornell University is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION in Germline Stem Cells

Studies include culture, differentiation, and gene activity of male germline stem cells. See Science 316:904, 2007, and J. Biol. Chem. 282:25842, 2007. Send curriculum vitae, names of three references, and a letter describing research experience to: R. L. Brinster, School of Veterinary Medicine, University of Pennsylvania, e-mail: cpope@vet.upenn.edu.
Novartis Vaccines and Diagnostics is a division of Novartis focused on the research and development of preventive treatments. Novartis Vaccines is the world’s fifth-largest vaccines business and the second-largest manufacturer of influenza vaccines with important meningococcal, pediatric and travel vaccine franchises.

With its scientific expertise and high degree of technological innovation the division is a solid landmark for the international scenario in the fight against infectious diseases.

Our goals are to deliver innovative products performing high quality science. We pioneered the introduction of genomics, bioinformatics and proteomics in our field as essential components of future science and jumped into them collaborating with the best groups in the world. It is our belief that we have the right technologies and skills to play a relevant role in the vaccine field for the years to come.

The Novartis Vaccines Research Center located in Siena (Italy) with its 255 scientists is among the most esteemed vaccines research environments worldwide. It is characterized by the high quality of the science and the multicultural community that populates the center.

Rino Rappuoli, since 2005 elected foreign associate of the National Academy of Sciences, one of the most reputable American scientific institutions, heads the Novartis Vaccines research group. The group includes a research facility in Cambridge (USA). When fully up and running, the Cambridge facility will employ 150 associates and focus on the research of viral diseases such as Respiratory Syncytial Virus, Influenza, Cytomegalovirus, and HIV.

The Siena Research Center is responsible for the creation of most of those vaccines that are currently part of the Novartis pipeline. Some of the most innovative vaccines currently available on the market were conceived and developed in the Siena laboratories: ranging from the new MF59-adjuvanted seasonal and pandemic influenza vaccine to the conjugated vaccine against meningococcal type C.

Novartis is a global leader in developing and providing vaccines to protect against deadly meningococcal disease: in addition to the meningococcal serogroup C conjugate vaccine, Novartis has developed a late-stage investigational vaccine for the four other common meningococcal serogroups, A, C, W-135 and Y.

Furthermore, Novartis Vaccines scientists pioneered an innovative approach called “reverse vaccinology” (a technique that uses information from a microbe’s genome to predict which of its proteins might be useful for vaccines) to develop the MenB vaccine, the first potentially broad coverage meningitis B vaccine to reach phase III clinical testing in 2008.

Novartis has also a longstanding commitment to corporate citizenship, with numerous initiatives to improve access to medicines. In 2007, it extended this objective to vaccines, creating the Novartis Vaccines Institute for Global Health (NVGH). This new institute, led by Allan Saul, leverages the research and development expertise and assets that exist within the Novartis Vaccines facilities in Siena, Italy. With NVGH’s not-for-profit mission, NVGH will focus on the translational research and development of vaccines for diseases that receive inadequate attention, especially those which are particularly devastating to developing countries.

The first NVGH projects are vaccines for Salmonella and Shigella. In the future, NVGH will work on a range of viral, bacterial and parasitic diseases. NVGH offers its staff the potential to make a significant impact on some of the major global diseases, growing with a rapidly expanding organization and benefitting from the close proximity of the outstanding Novartis Vaccines & Diagnostics center of excellence in Siena.
Novartis Vaccines Research Site Head Italy

We are looking for a scientific leader with a track record of innovation, demonstrated scientific vision, and personal leadership. This person will report to the global head of Research, and will head the leading bacterial vaccine research center in the world. The Site Head will oversee a growing center of over 200 researchers involved in all aspects of vaccines research based in Siena Italy. The new Site Head will be a leader in their understanding of bacterial pathogens, and they will be familiar with all of the scientific components that make up a successful vaccine candidate. In addition they will have demonstrated the ability to lead a diverse group of scientists towards a common goal. The ideal candidate will have an extensive history of developing promising history of developing promising scientists.

The Site Head will be responsible for overseeing the development of the next generation of bacterial vaccines, while providing leadership for a large research facility, and ensuring that Novartis Vaccines increases its scientific leadership in bacterial vaccines.

We expect that the appointee will have:
- PhD with about 15+ years post doctoral experience in the area of infectious diseases
- Track record of attracting and developing promising new scientists
- Exceptional publication record
- Demonstrated capability to develop new vaccines
- History of strong organizational and operational leadership
- Strong network of global collaborators

Location: Siena. In addition to an attractive salary package, Novartis Vaccines & Diagnostics offers extensive relocation support.

For an application please e-mail to applications.nvdit@novartis.com

Quote Job Reference: NVRH001

Novartis Vaccines Academy Director

The Novartis Vaccines Academy, based in Siena Italy, is intended to be the leading center for developing new vaccines researchers, providing educational opportunities for graduate students, post-docs, and continuing education. The Academy Directory will be responsible for:
- Designing and implementing the curriculum of the academy
- Overseeing the development of the students
- Establishing contacts with academia and industry in the course of pursuing its mission

The Academy Director will be a leading vaccines scientist with a broad understanding of all the components of vaccine discovery and development. Ideally, a candidate will have a background in academic and laboratory leadership with demonstrated industry interaction would be ideal. A history of developing talented students is a strong plus. Ex-dean or department chairs in appropriate sciences would be strong candidates.

In addition to broad mastery of vaccine science, academic leadership, and mentorship capabilities we expect that the appointee will have the following:
- An PhD with 10+ years post-doctoral work experience in vaccine science and education
- Excellent analytical and communication skills
- A strong track record in working with and managing external collaborations
- Experience working with national and international health organizations

Location: Siena. In addition to an attractive salary package, Novartis Vaccines & Diagnostics offers extensive relocation support.

For an application please e-mail to applications.nvdit@novartis.com

Quote Job Reference: NVAD002

NVGH Exploratory Program Leader

We are looking for a dynamic scientist with potential for a major leadership role within NVGH. This person will report to the CEO, Dr Allan Saul, and will head a team assessing the potential to turn a laboratory concept into a practical vaccine. Three criteria are important:
- The technical feasibility of producing the vaccine
- The likelihood that the vaccine induces a protective immune response
- The likelihood that a successful vaccine would be used to make a significant impact on health

The person will have a sufficiently broad working knowledge of infectious diseases of developing countries in all three areas to enable him/her to direct a team of specialists in generating the detailed experimental and public health information required. In addition to directing the overall exploratory program, the appointee will directly lead a team in the laboratory work required to design a vaccine and to establish initial immune indicators of protection for a vaccine with potential for development within NVGH. Thus this person will need excellent laboratory credentials.

We expect that the appointee will have:
- PhD with about 10 years post doctoral experience in the area of infectious diseases
- Track record of supervising postgraduate students and post-doctoral positions
- Strong publication record
- Record of successful grant applications
- Network of collaborators in the developed and developing world

Location: Siena. In addition to an attractive salary package, Novartis Vaccines & Diagnostics offers extensive relocation support.

For an application please e-mail to applications.nvdit@novartis.com

Quote Job Reference: NVGHEL001

NVGH Public Health Expert

This person will be responsible for evaluating vaccine projects within the Exploratory Program for their potential public health impact and will report to the head of the Business Development and Partnership Section, Mae Shieh. The key issues that will drive such evaluations include:
- Burden, including economic cost, of disease preventable by a vaccine
- Availability of alternative treatments
- Cost of vaccine and vaccine delivery
- Factors driving priorities and decision making in key individuals, national and international health organizations
- Resources available in the constrained healthcare systems of developing countries

The appointee will also play a key role in developing the investment case for vaccines at a more advanced state of development that will include rational decision making by potential manufacturers, National Departments of Health and International Health Organizations and funding agencies.

The appointee is expected to have a sufficiently broad working knowledge the public health aspects of diseases of developing countries to enable him/her to direct or coordinate a team of specialists in generating the detailed information required and have particular expertise in at least one of the disciplines required. The appointee will directly supervise a small team within NVGH working on one or more aspects to ensure an internal center of expertise. However, most of the information required will come through collaborations with external groups.

In addition to knowledge in epidemiology, disease burden, cost analysis, etc., we expect that the appointee will have:
- An advanced degree with 10 years work experience in public health, particularly in the developing world
- Good analytical and communication skills
- A strong track record in working with and managing external collaborations
- Experience working with national and international health organizations

Location: Siena. In addition to an attractive salary package, Novartis Vaccines & Diagnostics offers extensive relocation support.

For an application please e-mail to applications.nvdit@novartis.com

Quote Job Reference: NVGHP002

© Novartis Vaccines 2009
CHAIR, Department of Biochemistry and Molecular Medicine

The University of California, Davis, School of Medicine seeks an academic leader to chair the Department of Biochemistry and Molecular Medicine. We seek candidates with a Ph.D. and/or M.D. degree and training in biochemistry, molecular-based medical research, or a related field. The successful candidate is expected to have a distinguished record in research, teaching, administration and program development, and excellent interpersonal skills. Additionally, the candidate should have the ability to foster a school-wide and university-wide synergistic research approach in both basic and translational science. The recruitment package will include multiple faculty positions, research space and fiscal resources to support program departmental development.

The Department of Biochemistry and Molecular Medicine has full-time Ph.D. and M.D./Ph.D. faculty in a variety of research areas, including eukaryotic gene expression, signal transduction, cancer biology, membrane biology, neurobiology, muscle physiology, protein structure function relationships, and human genetics.

The School of Medicine and Department have facilities both on the main Davis campus and also in the heart of Sacramento, near the state capital building (ten miles east of Davis). This is in the center of northern California, ideally located between Lake Tahoe and San Francisco and offers urban, college town or other living options. There is a diverse community, with many entertainment, cultural and outdoor activities. Interested candidates should send their curriculum vitae, a statement of interests, and teaching and administrative responsibilities to: Donald M. Bers, PhD, Chair of the Biochemistry and Molecular Medicine Chair Search Committee, care of Megan Rott, via e-mail at megan.rott@ucdmc.ucdavis.edu, or via regular mail to Megan Rott, Office of Academic Personnel, UC Davis School of Medicine, PSSB Suite 1100, 4150 V Street, Sacramento, CA 95817. For full consideration applications must be received by May 31, 2009. The position will remain open until filled.

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

Faculty Position in Immunology and Pulmonology

Massachusetts General Hospital
Harvard Medical School

The Center for Immunology and Inflammatory Diseases and the Pulmonary and Critical Care Unit at the MGH are seeking an outstanding scientist to develop a rigorous independent research program to study mechanisms of immunity as it relates to the lung and pulmonary disease. The Center for Immunology and Inflammatory Diseases is a diverse, interactive group interested in basic mechanisms of immune-mediated diseases. Outstanding applicants whose programs address other areas of basic and translational immunology will also be considered. Applicants may have an MD, PhD or MD/PhD degrees. Academic appointment at the Assistant or Associate Professor level will be in the Department of Medicine at Harvard Medical School.

Applicants should submit a CV, research plan and the names of three references to Diane Qualters, dqualters@partners.org.

Women and minority applicants are particularly encouraged to apply.

A FACULTY POSITION IN PLANT AND MICROBIAL BIOLOGY

The Institute of Plant and Microbial Biology, Academia Sinica, Taipei is inviting applications for a research-focussed faculty position in plant-microbe interactions, plant-related microbiology, secondary metabolites or microbial biotechnology. This position can be at the level of Assistant, Associate, or Full Research Fellow (equivalent to Assistant, Associate, or Full Professor in a university) depending on the applicant’s experience. Excellent facilities and starter grants will be provided for the position.

For details of the Institute and Academia Sinica, please visit the website at http://ipmb.sinica.edu.tw/ Applicants are expected to have a Ph.D. degree plus postdoctoral training. Chinese language skills are NOT required and international scientists are encouraged to apply. The application folder should include curriculum vitae, a statement of research accomplishments, and future research plans. The application folder and at least three letters of recommendation should be sent to Dr. Teng-Yung Feng, Chair of Search Committee, Institute of Plant and Microbial Biology, Academia Sinica, 128, Sec. 2, Academia Rd., Nankang, Taipei, Taiwan 11529 E-MAIL: nslin2@gate.sinica.edu.tw FAX: (+886)2-2782-1605. The review of applications will start on May 20, 2009 and continue until the position is filled.

The University of California is an Affirmative Action / Equal Opportunity Employer.
**DIRECTOR KwaZulu-Natal Research Institute for TB and HIV**

The Howard Hughes Medical Institute (HHMI) and the University of KwaZulu-Natal (UKZN) have jointly established the KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH). Envisioned as an international center of excellence for research and training, K-RITH will be housed in a state-of-the-art BSL-3 laboratory facility on the campus of the Nelson Mandela School of Medicine in Durban, South Africa.

K-RITH scientists will be uniquely positioned to use the tools of basic science to alleviate the deadly impact of TB and HIV in the epicenter of a dual epidemic of these diseases. The Institute is also expected to play an important role in the training of future research leaders in Africa.

The Director of K-RITH will be charged with developing and leading a research program focused on the diagnosis, pathogenesis, treatment, and prevention of HIV and TB and, specifically, the interactions of these pathogens. Research collaborators will include Howard Hughes Medical Institute Investigators at Harvard Medical School and the Albert Einstein College of Medicine. The ideal candidate will be a highly accomplished scientist, as well as a recognized leader in TB or HIV research. The individual will also combine demonstrated leadership and management skills with a broad vision for developing a collaborative research environment and the capacity to realize the long-term potential for this vital enterprise.

HHMI has committed to funding core research operations at K-RITH for 10 years. The appointment of the Director will be made jointly by HHMI and UZKN. HHMI will provide generous research support to the Director.

Additional information about academic qualifications and other position requirements may be found at www.hhmi.org/k-rith. Applicants are asked to submit a three to five page vision statement for K-RITH, a two-page summary of current and future research interests, a curriculum vitae, and the names of three individuals who will act as references. Review of applications will begin after May 14, 2009. Preliminary interviews will be conducted in Durban in July 2009; final interviews will be in held Chevy Chase in September 2009.

**Application materials may be sent to:**

Jill Conley  
Director, International Programs  
Howard Hughes Medical Institute  
4000 Jones Bridge Road  
Chevy Chase, MD 20815 USA  
Email: k-rith@hhmi.org
The Faculty of Natural Sciences offers at the Institute for Theoretical Physics in the Department of Physics a

**W2-Professorship in Theoretical Physics**

limited on five years

The Elite Network of Bavaria has established a physics degree course for top performing students with integrated doctoral college. The position offered involves teaching in this program. The applicant is expected to represent the field both in teaching and research. We are seeking a highly qualified scientist with an outstanding track record in statistical or soft condensed matter physics. The successful applicant is expected to interact with experimental and theoretical groups in the Department.

Qualifications include university undergraduate and doctoral degrees, good teaching skills, and a habilitation or equivalent other qualification, which may have been gained outside the University or within a “Juniorprofessur”.

At the time of appointment the candidate must not be older than 52 years of age. The Ministry for Science, Research and Art may allow an exception in special cases, which has to be approved by the Ministry of Finance. Applications from the severely disabled having the same suitability for appointment as other candidates will be given priority.

The position is to be filled by October 1st, 2009.

Application documents (curriculum vitae, photograph, list of publications and teaching activities, certified copies of degree certificates but no publications) and a brief statement of research interests must be sent not later than April 30th, 2009 to: Dekan der Naturwissenschaftlichen Fakultät der Universität Erlangen-Nürnberg, Universitätsstr. 40, 91054 Erlangen, Germany.

**Friedrich-Alexander-Universität**

**Erlangen-Nürnberg**

[www.uni-erlangen.de](http://www.uni-erlangen.de)

---

**University of Massachusetts Lowell**

**Assistant/Associate Professor (Tenure-Track)**

**Clinical Laboratory and Nutritional Science School of Health and Environment**

Clinical Laboratory and Nutritional Sciences, a department within UMass Lowell’s School of Health and Environment, invites applications for a permanent, academic year, tenure-track appointment.

This faculty member will teach Clinical Laboratory Instrumentation, Physiological Chemistry, and Organic Reactions and Structure and coordinate their laboratories; supervise on campus student research and advise students; and develop industry relations for Clinical Sciences students and for senior research projects/internships. Interdisciplinary research in biomedicine device development and/or nanotechnology desirable. Candidates must hold an earned Doctorate in Biomedical or Clinical Chemistry or similar discipline; ASCP or NCA certification recommended. Applicants should be recognized for teaching excellence; demonstrated record of scholarly research, secured grants and publications; and capacity to work with diverse populations.

Academic Year: Fall 2009.

Application review will begin immediately and continue until position is filled.

Salary and rank are commensurate with qualifications and experience. Applicants should send a cover letter, statement of teaching and research interests, your curriculum vitae, and the names of three references to: Dr. Aleace Bruce, Chairperson, Personnel Committee, School of Health and Environment, University of Massachusetts Lowell, 3 Solomont Way, Suite 4, Lowell, MA 01854 USA or email cover letter, statement of your teaching and research interests, your curriculum vitae, and the names of three references to search _cs09@uml.edu. Please include reference number FC02030901 in subject line of email.

For complete job description, please visit www.uml.edu/hr/jobpostings.

---

**The Institute of Brain Science, Fudan University**

**Principal Investigator Positions**

The Institute of Brain Science, Fudan University, Shanghai, China, a newly established research institution supported by the National “985” Program of the Ministry of Education, is currently recruiting principal investigators (PIs) in the field of neuroscience.

**I. Senior PI**

Candidates should have a Ph.D. and/or M.D. degree and possess a long-standing research experience in brain science. Independent research capacity is absolutely needed. Those who have the experience of leading a laboratory will be given a favorable consideration.

Candidates should have a systematic and impressive research record, with important papers published in peer-reviewed international journals of high reputation as a corresponding author.

Candidates must work in the Institute for more than 9 months per year, when appointed.

**II. Junior PI**

Candidates should have a Ph.D. and/or M.D. degree and possess at least 2-year postdoctoral experience.

Candidates should have a good research record in brain science, with substantial papers published in peer-reviewed international journals as a corresponding author or the first author.

Candidates must work in the Institute for more than 9 months per year, when appointed.

Interested individuals please contact the Institute of Brain Science (E-mail: lbs@fudan.edu.cn, Tel: +86-21-54237641) for the application form, or send a package including CV, a list of publications, reprints of 3-5 representative papers, a one page summary of the research accomplishments, and a 1-2 page research proposal, and arrange to have 3 letters of reference sent to: Ms. Rong Chen, Institute of Brain Science, Mail Box 295, Fudan University, 138 Xiyueyuan Road, Shanghai 200032, China. The closing date for applications is May 15, 2009.

For more information, please visit our website: [www.fudan-iobs.com](http://www.fudan-iobs.com)

---

**Northwestern University Invites Exceptional Candidates to Apply for the Position of the Associate Director of The Center for Photonics in Biology and Medicine, which is being formed by the University.**

The mission of the Center is to develop novel optics technologies for the characterization and imaging of biological tissue. The focus is on the nanoscale, microscale and the molecular levels. The Center also utilizes biophotonics to gain new insights into biological systems and their response to disease. Furthermore, the Center aims to translate these technological and biological innovations into clinical practice. The Center will be supported in part by a recently awarded $7.5M grant from the NIH.

The Associate Director will work in close collaboration with the Center Director, Professor Vadim Backman. S/he will play a leadership role in the Center overseeing administration and ongoing research activities. In particular, the candidate will be responsible for identifying new research targets and help define the Center strategic development. The candidate is expected to help secure new research funding for the Center. The candidate will manage scientists involved in the Center projects, provide creative scientific input and coordinate the overall execution of the projects. The candidate will build relationships and coordinate external collaborations with academia and industry.

The successful candidate will have a Ph.D. and 4+ years of experience in biophotonics or a related field. The candidate will have demonstrated an outstanding record of research accomplishment and leadership documented by peer-reviewed publications and external reputation. The candidate is expected to have excellent interpersonal and writing skills.

Candidates should submit their Curriculum Vitae and the names of four referees by e-mail to the following address: m-proenza@northwestern.edu. Questions of scientific nature should be addressed to Professor Vadim Backman at v-backman@northwestern.edu. Applications will be accepted until the position is filled.
You Can Make A Difference

The FDA Commissioner’s Fellowship Program is a two-year program designed to attract top-notch health professionals and other scientists. The fellows train minutes from the nation’s Capital at FDA’s new state-of-the-art White Oak campus in Silver Spring, Maryland or at other FDA facilities.

Coursework and Preceptorship
The fellowship program combines rigorous didactic coursework with the development of a hypothesis driven, regulatory science research project. The coursework is designed to provide an in-depth understanding of the science behind regulatory review, encompassing the activities of the FDA across foods, drugs, biologics, devices, and cosmetics. Under the guidance of a FDA senior scientist committed to mentoring, fellows will also identify a specific aspect of FDA regulatory science to explore. The experience can be in a biology, physics or engineering lab, in a clinical review team, in biostatistics, informatics, epidemiology, risk analysis or other aspects of FDA science.

Who Should Apply?
Applicants must have completed all requirements for a Doctoral level degree (M.D., D.O., D.D.S., D.P.M., D.V.M., Pharm.D., or Ph.D.) by September 30, 2009 to be eligible. Applicants with a B.S./B.A. or M.S./M.A. in engineering are also eligible. Candidates must be a U.S. citizen, a non-citizen national of the U.S., or have been admitted to the U.S. for permanent residence before the program start date. Applicants cannot be current FDA employees or FDA contractors (such as ORISE fellows). To apply, and for further information about the FDA Commissioner’s Fellowship Program, please visit [www.fda.gov/commissionersfellowships/default.htm](http://www.fda.gov/commissionersfellowships/default.htm).

FDA is an Equal Opportunity Employer and is a smoke-free environment.

Privacy Act Notice (PL 93-579): The information requested here is used to determine qualifications for employment and is authorized under Title 5 U.S.C. 3302 and 3361.

---

Principal Investigator Position in Structural Cell Biology

The Okinawa Institute of Science and Technology (OIST: [http://www.oist.jp](http://www.oist.jp)) is inviting applications for a Principal Investigator position in the field of Cell Biology with emphasis on structural aspects. OIST will open its brand new campus, overlooking tropical beaches in Onna Village, Okinawa, Japan in 2009.

Candidates should have a doctoral degree, a strong publication record, deep practical knowledge in structural cell biology, and fresh ideas. Good communication skills and the ability to work collegially will be required for organizing this new research facility.

Appointment is for five years and is renewable upon successful evaluation. Temporary offices near the new campus will be available until the completion of the new facilities at the end of fiscal year 2009.

For the first round of reviews, candidates should send CV, Five representative papers, statement of on-going and future research intentions, and the names and contact information for five references in electronic format to [scb09@oist.jp](mailto:scb09@oist.jp) by April 30, 2009. The search will remain open until the position is filled.
The USDA, Agricultural Research Service (ARS), Animal and Natural Resources Institute in Beltsville, Maryland, is seeking an Associate Institute Director for a permanent full-time position. Salary is commensurate with experience and can range between $120,830 to $153,200 per annum, plus benefits. The mission of the institute is to conduct research and technology transfer programs that ensure high quality and safe food and other animal products while protecting the natural resource base and the environment. The mission is accomplished through fundamental and applied research in 8 laboratories, and a Veterinary Services Unit and Animal Care Compliance Office. The Associate Director participates with the Director in planning, coordinating, and evaluating the institute’s programs, and provides leadership and operational accountability for the institute’s research and technology transfer programs. The position requires thorough knowledge of animal, natural resources, and/or environmental sciences; knowledge of budgetary processes and procedures; and managerial skills in establishing goals and priorities and in the assessment and assignment of human resources to accomplish goals.

Refer to announcement ARS-X9E-0098 at: http://www.afm.ars.usda.gov/divisions/hrd/vacancy/VAC2.HTM for detailed information regarding qualification requirements and for complete application information and instructions. Applications must be postmarked by April 10, 2009.

U.S. Citizenship is required.
USDA/ARS is an Equal Opportunity Employer and Provider.
University of Denver
School of Medicine

The University of Colorado Denver School of Medicine seeks applicants for the position of Chair of the Department of Pharmacology. The Department consists of 24 faculty members whose interests span neurosciences, cell biology, drugs of abuse, genomics and bioinformatics, signal transduction, lipid mediators, and structural biology. The Department occupies dramatic new laboratories and offices in twin towers of the Research Complex at the new University of Colorado Denver Anschutz Medical Campus.

The Department of Pharmacology has a large basic science research program with more than $19 million in annual research funding. The Department has won numerous awards for the teaching of medical students. Details are available at the departmental web site: http://pharmacology.ucdenver.edu/index.shtm.

The Chair of the Department of Pharmacology reports to the Vice-Chancellor for Health Affairs/Dean of the School of Medicine and participates with other department chairs and faculty to develop School and Department programs, curriculum, administration, and budgetary planning and implementation. The position requires excellence in teaching, demonstrated administrative ability/leadership and leadership in research and scholarly activity.

Review of applications will continue until the position is filled. Applicants should apply online at the https://www.jobsatcu.com website using posting number 806418. Questions about the application process may be directed to Jan.Bodin@ucdenver.edu.

The University of Colorado Denver is committed to the recruitment and employment of a diverse faculty. We encourage applications from women and minorities.

---

Research Centre of Excellence in Mechanobiology
50 Postdoctoral Positions

This newly established Centre at the National University of Singapore (NUS) aims to combine an integrated nanometer to tissue description of the mechanically dependent functions in cells and tissues. Through quantitative biophysical approaches, we will address major problems in biomedical sciences including pathogenesis (from bacterial to cancer), tissue regeneration and function. We are seeking outstanding candidates with strong background in molecular and cell biology, biophysics, biology-related engineering or computer sciences, and a commitment for collaborative interdisciplinary research to join research in molecular, cellular and tissue mechanics.

Faculty in the Centre are coming from many major international research universities with diverse research backgrounds. They have a common goal of training a new generation of researchers to solve important biological problems by combining the approaches of nanotechnology, bioinformatics, molecular biology, modeling and biophysics. The Centre is directed by Mike Shehzad and Paul Matsuda. For further information on the research profiles of the team members, see website www.dbs.nus.edu.sg/mechanico/index.html

Singapore is a vibrant garden city with year round tropical climate and rich multicultural heritage. Established in 1905, NUS has evolved into a top teaching and research-intensive institution, acknowledged as one of the finest universities in the Asia-Pacific. The Centre offers competitive salary package, and housing allowance.

Please submit your application (form downloadable from www.dbs.nus.edu.sg/mechanico/index.html), along with curriculum vitae, research interest and names of three external referees to:

Choy L Hew, Deputy Director
RCE in Mechanobiology
National University of Singapore
14 Science Drive 4
Singapore 117543
Fax: (65) 67795671
Email: mechbio@nus.edu.sg

---

Research Assistant Professorships and Post-doctoral Fellowships

Applications are invited for a number of positions as Research Assistant Professor (RAP) (Ref.: RF-2008/2009-584) and Post-doctoral Fellow (PDF) (Ref.: RF-2008/2009-585), at the University of Hong Kong, on or before February 28, 2010. Appointments will be made for a period of 2 to 3 years.

RAP and PDF posts are created specifically to bring new impetus and vigour to the University’s research enterprise. Positions are available from time to time to meet the strategic research needs identified by the University. Positions are available in the following Departments/Area of Excellence:

- Architecture
- Faculty of Dentistry
- Faculty of Education
- Civil Engineering
- Electrical and Electronic Engineering
- Mechanical Engineering
- Law
- Biochemistry
- Centre for Cancer Research
- School of Chinese Medicine
- Research Centre of Heart, Brain, Hormone and Healthy Aging
- Research Centre of Infection and Immunology
- Medicine
- Microbiology
- Orthopaedics and Traumatology
- Paediatrics and Adolescent Medicine
- Pathology
- Psychiatry
- Public Health Research Centre
- Centre for Reproduction, Development and Growth
- Area of Excellence (AoE) on Developmental Genomics and Skeletal Research
- School of Biological Sciences
- Chemistry
- Earth Sciences
- Geography
- Psychology

Research Assistant Professors

The main focus of an RAP’s duty is research. RAPs can however be assigned teaching duties, up to 50% of the normal teaching load. Applicants should be research active and have a proven publication record. A highly competitive salary commensurate with qualifications and experience will be offered, with a contract-end gratuity and University contribution to a retirement benefits scheme (totaling up to 15% of basic salary). Annual leave, and medical/dental benefits will also be offered.

Post-doctoral Fellows

PDFs are expected to devote full-time to research. Applicants should be doctoral degree holders having undertaken original research that has contributed to the body of knowledge. A highly competitive salary commensurate with qualifications and experience will be offered. Annual leave and medical benefits will also be available.

Procedures

Prospective applicants are invited to visit the following webpage http://www.hku.hk/apptunit/ to view the full list of the research areas and their corresponding contact persons. Further particulars and application forms may be obtained from the Appointments Unit (Senior), Faculty of Dentistry, Public Health Research Centre, School of Biological Sciences, Centre for Reproduction, Development and Growth, School of Chemistry, School of Earth Sciences, School of Geography, School of Psychology.

Further particulars and application forms (152/708) can be obtained at http://www.hku.hk/apptunit/ or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hku.hk). Closes April 17, 2009. Candidates who are not contacted within 3 months of the closing date may consider their applications unsuccessful.

The University is an equal opportunity employer and is committed to a No-Smoking Policy.
Science Careers is the catalyst for your ambition.

Science/UCSF Biotech Industry Career Fair

2 April 2009
San Francisco, CA
UCSF Mission Bay Campus
1:00–4:30 pm

Science and UCSF are teaming up to bring you a unique biotech day that includes two career development workshops leading to a career fair. Visit the Mission Bay campus for a chance to get valuable advice from career experts and to meet face to face with recruiters from some of the world's top scientific organizations. Don't miss this opportunity to connect with staffing professionals and hiring managers from the companies you want to work for. For details, visit sciencecareers.org/ucsf

Take advantage of 2 FREE career workshops during the event. For more information, visit sciencecareers.org/ucsf.
The European Science Foundation (ESF) provides a platform for its Member Organisations to advance science and explore new directions for research at the European level. Established in 1974 as an independent nongovernmental organisation, the ESF currently serves 80 Member Organisations across 30 countries. The ESF is devoted to the coordination, implementation, networking and science policy development in the basic sciences. The ESF wishes to contribute to the European Research Area with the EUROCORES Scheme.

The EUROCORES Scheme

The EUROCORES (European Collaborative Research) Scheme is a flexible framework that promotes excellence in collaborative research and networking. Offered by the European Science Foundation, EUROCORES tackles scientific questions in and across all disciplines by means of an integrated European or even global effort. EUROCORES is the only collaborative research instrument in Europe with a bottom-up approach covering all scientific disciplines. It provides an exceptional opportunity for the scientific communities from Europe and beyond to submit their own ideas (themes) for the creation of new large-scale multinational collaborative research programmes.

Eligibility criteria

Teams of proposers must include scientists eligible for funding from ESF Member Organisations in at least four different countries.

Criteria for the selection of EUROCORES themes

- Scientific quality, novelty and potential for scientific impact of the EUROCORES theme proposal
- Requirement for European collaboration
- Relationship to other ongoing/planned research initiatives in the field (national, European, international)
- Scientific standing and qualification of the proposing team
- Ethical and legal issues

How to submit a EUROCORES theme proposal

EUROCORES theme proposals must be submitted online by 29 May 2009, 12:00 (CET). Proposals are submitted at www.esf.org/eurocores where the full call with detailed information and proposal guidelines can be found. For further inquiries contact the EUROCORES Scheme at eurocores@esf.org.

The research as well as the networking and coordination costs of EUROCORES programmes are covered by the participating national funding organisations.

For further information on the call and all ESF activities, please go to www.esf.org

---

**Call for EUROCORES Themes**

ESF is looking for new ideas for collaborative research at the European level. We invite well developed theme proposals for new EUROCORES Programmes.

**The EUROCORES Scheme**

The EUROCORES (European Collaborative Research) Scheme is a flexible framework that promotes excellence in collaborative research and networking. Offered by the European Science Foundation, EUROCORES tackles scientific questions in and across all disciplines by means of an integrated European or even global effort. EUROCORES is the only collaborative research instrument in Europe with a bottom-up approach covering all scientific disciplines. It provides an exceptional opportunity for the scientific communities from Europe and beyond to submit their own ideas (themes) for the creation of new large-scale multinational collaborative research programmes.

**Eligibility criteria**

Teams of proposers must include scientists eligible for funding from ESF Member Organisations in at least four different countries.

**Criteria for the selection of EUROCORES themes**

- Scientific quality, novelty and potential for scientific impact of the EUROCORES theme proposal
- Requirement for European collaboration
- Relationship to other ongoing/planned research initiatives in the field (national, European, international)
- Scientific standing and qualification of the proposing team
- Ethical and legal issues

**How to submit a EUROCORES theme proposal**

EUROCORES theme proposals must be submitted online by 29 May 2009, 12:00 (CET). Proposals are submitted at www.esf.org/eurocores where the full call with detailed information and proposal guidelines can be found. For further inquiries contact the EUROCORES Scheme at eurocores@esf.org.

The research as well as the networking and coordination costs of EUROCORES programmes are covered by the participating national funding organisations.

For further information on the call and all ESF activities, please go to www.esf.org

---

**GRADUATE PROGRAM**

**International PhD program**

Frontiers in Genetics proposes an international PhD program supported by the Swiss National Science Foundation. The program is based at the University of Geneva and includes participating members from the Universities of Lausanne and Zurich, the Swiss Federal Institute of Technology in Lausanne, the Swiss Institute for Experimental Cancer Research (Lausanne) and the Friedrich Miescher Institute (Basel). The program starts in October 2009 and provides a strong background in molecular genetics and genomics for the study of modern biological problems.

We are looking for outstanding candidates with a degree in biological sciences and a commitment to a career in research. The selected students will receive stipends for four years, subject to completion of all program requirements.

Applicants should send the registration form, a letter describing their interests, background and research experience, official transcripts of their university courses and grades, copy of diplomas, and 3 letters of recommendation, to:

**NCCR Frontiers in Genetics**

International PhD Program

Sciences III - University of Geneva

30, quai Ernest-Ansermet

CH - 1211 Geneva 4, Switzerland


**Registration form:**

www.Frontiers-in-genetics.org

**Application deadline:**

May 1, 2009
Two Postdoctoral positions are available immediately in the Wine Research Centre (website: http://www.landfood.ubc.ca/wine/index.html) for a 24-month appointment with potential for extending employment. These positions are funded by large-scale Genome British Columbia wine genomics grants to characterize fermentation stress response genes in S. cerevisiae. Successful candidates will be responsible for establishing function of each of these 62 genes induced during wine fermentation using a systems biology approach. Outstanding research facilities are available. Salary approximately $50,000 annually, including benefits.

A Ph.D. in molecular and cellular biology is required. Experience in transcriptomics/proteomics/metabolomics will be an asset. Interested candidates should apply with curriculum vitae and names of three references to: Dr. Hennie J. J. van Vuuren, Director, e-mail: hjjvv@interchange.ubc.ca.

ASSISTANT/ASSOCIATE PROFESSOR

Department of Pharmaceutical Sciences
The Feik School of Pharmacy
University of The Incarnate Word
San Antonio, Texas

A 12-month, tenure-track medicinal chemistry faculty position in the Department of Pharmaceutical Sciences. Preferred start date is June 2009. Candidate for this position should have a Ph.D. in medicinal chemistry; teaching and/or postdoctoral experience is preferred. The candidate will be expected to develop and teach the medicinal chemistry section in the integrated pharmacotherapy courses in the Pharm.D. program. See our website: http://jobs.uiw.edu for further information.