LECTURER IN BIOLOGY

A full-time, non-tenure-track Lecturer position in biology is available beginning September 2010, with renewal available contingent on successful review.

Teaching responsibilities will include a cell biology course, a project-based cell biology laboratory course, participation in a team-taught introductory biology course, and administrative oversight of independent research for undergraduates. Commitment to excellence in undergraduate teaching is required, and the successful candidate will demonstrate experience or interest in pedagogical innovations to enhance retention of students in introductory level courses. Experience with computer-based assessment is desirable, as is interest in pursuing funding opportunities for innovative teaching programs.

Qualifications: Candidates must hold a Ph.D. in the life sciences. Salary commensurate with experience. To apply: Applicants should submit cover letter, curriculum vitae, and statement of teaching philosophy and experience and three letters of recommendation should be sent to:

Search Committee Chair
c/o Ms. Karin Murphy
Department of Biology
Tufts University
163 Packard Avenue
Medford, MA 02155
E-mail: karin.murphy@tufts.edu

Review of applications will begin immediately and will continue until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

CALL FOR PAPERS

10th International Symposium on Ginseng
September 13–16, 2010
Seoul, Korea

The symposium will continue the tradition of the previous symposia in our series by bringing together worldwide famous scientists with interests in all aspects of ginseng on chemistry, clinical studies, pharmacology, physiology, cultivation, ginseng products, and others. The organizing committee will support a roundtrip ticket and staying expenses (accommodation and meals) for the selected oral presenters and staying expenses plus US$100 per each poster for the selected poster presenters.

Deadlines for abstract submission are February 26, 2010, for the oral and April 10, 2010, for the poster presenters.

For more details, please visit our website: http://www.ginsengsociety.org and refer to the second circular of International Symposium. The Korean Society of Ginseng.

FACULTY POSITION IN COMPARATIVE MEDICINE

Department of Comparative Medicine Stanford University School of Medicine

The Department of Comparative Medicine seeks to fill two faculty positions for veterinary clinicians at the ASSISTANT or ASSOCIATE PROFESSOR level in the Stanford School of Medicine’s Medical Center Line. The major criteria for a faculty appointment in the Medical Center Line include excellence in clinical care, teaching, and scholarly activity that advances human or veterinary medicine. Candidates must have a D.V.M. or V.M.D. from an American Veterinary Medical Association-accredited institution. Veterinary specialty Board certification or eligibility is required (American College of Laboratory Animal Medicine, American College of Veterinary Surgeons, American College of Veterinary Internal Medicine, American College of Veterinary Pathologists, or other), and preference will be given to candidates with an advanced degree (Ph.D., M.P.H., or other). Applicants should demonstrate interest in independent and collaborative research evidenced by publications in peer-reviewed journals. Experience in translational medicine is highly desirable.

The Department of Comparative Medicine is a clinical department within the School of Medicine. In addition to its academic functions, it also provides the clinical care and management for a large, modern, Association for Assessment and Accreditation of Laboratory Animal Care-accredited animal program which has an ACLAM-recognized residency training program. Interested candidates should send a letter containing a description of their career goals and research interests, their curriculum vitae, and names and addresses of five references to: Dr. Sherril Green, Professor and Chair, Department of Comparative Medicine, Stanford Medical Center, 300 Pasteur Drive, Edwards Building R321, Stanford, CA 94305-5342. Applications will be reviewed upon receipt and searches will be continued until all positions have been filled.

Stanford University is an Equal Opportunity Employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the University’s research, teaching, and clinical missions.

FACULTY SEARCH

Pritz School of Engineering
Duke University

Regional and Global Atmospheric Modeling of the Water Cycle

The Department of Civil and Environmental Engineering at Duke University invites applications for a faculty position at the ASSOCIATE or FULL PROFESSOR level in atmospheric science. The Water Cycle, the Nicholas Institute on Environmental Policy Solutions, and the Nicholas School of the Environment are available. Opportunities to collaborate in cross-disciplinary initiatives with the Center on Global Change, the Nicholas Institute on Environmental Policy Solutions, and the Nicholas School of the Environment are available.

Qualified candidates must have a Ph.D. in engineering or related physical sciences.

Letters of application (including names of at least three potential references, curriculum vitae, description of research and teaching interests as a single PDF file) should be submitted electronically to e-mail: cee-faculty-search@duke.edu. The application review process will commence on February 20, 2010, and will continue until the position is filled.

Duke University is an Affirmative Action Equal Opportunity Employer that is committed to increasing the diversity of its faculty.
Texas State University is aggressively developing a new Materials Science and Engineering program organized around the Departments of Physics, Chemistry & Biochemistry, Biology, Engineering Technology and the Ingram School of Engineering. We invite applications for three open positions to be immediately filled by outstanding candidates with research efforts in a broad sense enabling the integration of biological and nanoscale structures within device architectures. Areas of interest include novel interactions between biomolecular and inorganic/semiconductor device components; molecular or biological scaffolds; novel material modification at the nanoscale to minimize non-specific adsorption and/or facilitate the attachment of biomolecular recognition elements; and synthesis of modified biomolecules for altered cellular function and specific recognition leading to destruction of harmful cells (e.g., antibiotic resistant bacteria, cancer cells). An earned Ph. D. in the physical, biological, engineering or biomedical sciences is required. Rank and tenure status are negotiable based on qualifications, with the expectation of one position at the assistant professor level and two at the associate/full professor level. One position will reside in electrical engineering, one in biology, and third home department negotiated based on qualifications. The successful applicant(s) 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. While all positions provide competitive salaries and start-up packages, one senior-level position is funded through a State of Texas Emerging Technology Fund Research Superiority Acquisition Award. Preference for this position will be given to truly outstanding 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 101 bachelor and 88 master’s and 9 doctoral programs offered by eight colleges. With a diverse campus community including over 33% of the student body from ethnic minorities, Texas State is one of the top 20 producers of Hispanic baccalaureate graduates in the nation. 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 of scholastic achievement. Industrial or commercialization experience is highly desired. Application: To ensure full consideration, submit the following via email before March 31, 2010 - position will remain open until filled: Faculty application ([http://faculty.recordsProvost.txstate.edu/faculty-employment/application.html](http://faculty.recordsProvost.txstate.edu/faculty-employment/application.html)) and accompanying materials which should include a letter of intent, vita, statements of proposed research program, potential commercialization strategy, and teaching philosophy, and list of five references to: biomse@txstate.edu.
National Center for Research Resources
Division of Construction/ARRA Construction Team

The National Center for Research Resources, a component of the National Institutes of Health, has been charged by the President of the United States to administer a $1 billion program under the American Recovery and Reinvestment Act (ARRA) to provide funding for construction, renovation, and/or repair of facilities used for biomedical and behavioral research. In order to accomplish this goal, NCRR has created a Division of Construction to oversee and administer grant awards along with other activities required to ensure the transparency and accountability in the program. The ARRA construction team will be reviewing construction designs, overseeing the progress of construction, and reporting the status of the program to a variety of audiences, including all levels of Federal Government and the American taxpayers. At full strength, the construction team will have 7 members.

NCRR is currently seeking applicants for the following positions:

Construction Project Manager: reporting directly to the NCRR Director this individual will have full responsibility for day to day operations of the Office and leadership of the team. The successful candidate must have strong leadership and communication skills and the ability to work collaboratively with others, both internal and external, and the ability to solve problems and make informed decisions. The ability to lead, monitor, and manage ARRA construction activities through the use of sound project management technologies, tools, and processes are necessary.

Health Scientist Administrators and General Engineers: with broad responsibilities in the planning, evaluation, and management of the ARRA construction program, these individuals will be working closely with a team of Federal administrators both inside and outside NCRR and with members of the biomedical/behavioral research community to assist in post award design reviews, conducting site visits to monitor program, and carrying out normal award/management responsibilities. The demonstrated ability to plan and execute major projects is a plus.

Program Analyst: working with the team members, this individual will be validating, analyzing, summarizing, and reporting a wide variety of data used to develop information and reports on ARRA construction program activities. Experience in project management is helpful.

Please check the NCRR website, http://www.ncrr.nih.gov/about_us/job_opportunities/, to access the specific announcements which provide qualification requirements, evaluation criteria, and application instructions. Additional information about jobs at NIH can be found at http://www.jobs.nih.gov

DHHS and NIH are Equal Opportunity Employers. Applications from women and minorities are strongly encouraged.
JAXA International Top Young Fellowship in FY2010

JAXA International Top Young Fellowship positions are available.

The Institute of Space and Astronautical Science (ISAS) of the Japan Aerospace Exploration Agency (JAXA) offers scientists and engineers in aerospace an opportunity to conduct research into the scientific and technical aspects of space. Examples of possible research topics include:

- Structure and origin of the universe
- Formation of the earth and solar system
- Utilization of the space environment for microgravity experiments
- Engineering and technology development for the exploitation of space

(Please refer to the ISAS Website for more details) [http://www.isas.jaxa.jp/e/index.shtml](http://www.isas.jaxa.jp/e/index.shtml)

The JAXA International Top Young Fellowship (ITYF) was established as a prestigious new fellowship program in 2009. The ITYF is designed to attract outstanding, highly motivated, young researchers in any of the space science fields covered by ISAS/JAXA to work in Japan for 3 (extendable to 5) years. The excellent remuneration package (see below) includes research budget and travel support so that the Fellows can extend their international profile, as well as developing collaborations within Japan.

This Fellowship program will offer the special salary to the Fellows of 790,000 Japanese Yen / month (equivalent to an annual salary of $100,000 US dollars at a typical exchange rate of 94.80JPY / dollar). The program will provide them with the financial support for expenses for travel and equipment up to a maximum of 2,500,000 Japanese Yen / year.

The closing date: April 20, 2010

For further information about JAXA International Top Young Fellowship, visit: [http://www.jaxa.jp/employ/index_e.html](http://www.jaxa.jp/employ/index_e.html)

Contact information
JAXA International Top Young Fellow Committee
Institute of Space and Astronautical Science
Japan Aerospace Exploration Agency
E-mail: international_fellowship@jaxa.jp

**FACULTY POSITION**

The Department of Virology and Immunology at the Southwest Foundation for Biomedical Research invites applications for a faculty-level position at the ASSOCIATE OR SCIENTIST level. The Department has faculty with research programs focusing on hepatitis viruses, human and simian immunodeficiency viruses, and emerging viruses such as hemorrhagic fever viruses. Major strengths of the Foundation are the extensive nonhuman primate resources, which include macaques, marmosets, chimpanzees and baboons.

There is a strong pre and postdoctoral training program and a close association with the University of Texas Health Science Center at San Antonio, including a role in graduate education. All candidates must have as a minimum a doctoral degree in the biological sciences or an M.D. degree, and have completed at least two years of relevant postdoctoral research. Candidates for Associate and Scientist must have demonstrated ability to direct an independent research program in animal virology and have been shown to be competitive for extramural support.

All areas of virology will be considered but preferences will be given to emerging viral agents that require maximum containment and the use of nonhuman primates. The Department is particularly interested in a person with expertise in host-pathogen interactions with an innovative program in molecular pathogenesis or cellular immunology.

Please mail curriculum vitae, a description of research interest, and the contact details for three references to: Director of Human Resources, Southwest Foundation for Biomedical Research, P.O. Box 760549, San Antonio, Texas 78245-0549; www.SFBR.org

Equal Opportunity Employer.

**PEN and the Nebraska Center for Nanomedicine seek candidates for tenure-leading faculty positions**

PEN and the Nebraska Center for Nanomedicine seek candidates for tenure-leading faculty positions to join an interdisciplinary research program focusing on CNS disorders, their diagnosis and treatment. One position seeks a committed scientist with expertise at the crossroad of nanof ormulation synthesis and neurosciences. The other seeks a scientist with interests in neuropharmacology. The competitive candidates would be knowledgeable in neural, chemical biology, and/or pharmaceutical sciences to join an established research team with multiple nanoscale, neuroscience, immune, and proteomics technologies operative. The research environment involves team pursuits, to improve the diagnosis, therapeutic monitoring, and treatment of neurological disorders. Parallel programs in stem cell biology, cancer biology, and HIV/AIDS enhance the research environment. Core facilities abound for quality control of nanof ormulations and in disease-relevant model systems. The positions will create a “new” nanotoxicity initiative at the Medical Center and serve to broaden ongoing research on neurodegenerative disorders. Both PEN and the Nanomedicine Center interact with the University’s Neuroscience and Virology Centers, and the Epilepsy Cancer Institute. The positions are open at all academic ranks. A Ph.D. degree or equivalent is required and junior investigators welcome. Applications will be accepted until the positions are filled. Omaha is at the crossroads of the country and is a dynamic, energetic, diverse and friendly city. Excellent educational, cultural and recreational activities combine with a very affordable cost of living to make this a wonderful place to work and live.

Please send (preferably by e-mail) a statement of research interests, CV, and contact information for three references to:

PEN Faculty Recruitmentsc/o Johna Belling (jbelling@unmc.edu)
University of Nebraska Medical Center985800 Nebraska Medical CenterOmaha, NE 68198-5800

UNMC is an Equal Opportunity Employer. Women, minorities and individuals from diverse backgrounds are encouraged to apply.
How can you impact drug discovery?

The Structural Biology group at Pfizer’s Groton Research Laboratories in Groton, Connecticut, is a multidisciplinary team with established expertise in molecular biology, protein biochemistry, biochemical mass spectrometry, biophysics, protein crystallography, protein NMR and computational chemistry. We are part of the Pfizer Worldwide Medicinal Chemistry organization, and our principal mission is to provide integrated molecular insights into drug targets and target-ligand interactions to drive drug discovery. We closely collaborate with multiple research units dedicated to improving treatments for serious human diseases such as diabetes, Alzheimer’s disease, schizophrenia, rheumatoid arthritis, osteoporosis and multidrug-resistant bacterial infections. The group has an established track record of uncovering the molecular mechanisms of target proteins to inform modality and assay selection, helping to guide lead optimization by using biophysical and functional assays, and effectively driving medicinal chemistry programs using structure-based drug design to improve the efficacy and safety of drug candidates.

We currently seek talented scientists in the areas of protein crystallography, biophysics and MS-based proteomics to prosecute the growing portfolio and expanding mission of the structural biology group. Successful candidates will have access to state-of-the-art facilities, collaborate with many experts in interdisciplinary teams on some of the most exciting drug targets, and present their scientific discoveries at international conferences and as publications (e.g. PNAS 106:18225-18230; PNAS 105:13309-13314; Nat Struct Mol Biol 14:413-419; Nat Struct Mol Biol 14:106-113).

Crystallography Lab Head (Senior Principal Scientist, 937453)
Postdoctoral Crystallographer (Senior Scientist, 937454)
Protein Purification/Crystallization Scientist (Senior Associate Scientist, 937455)
Biophysicist (Senior Scientist, 937456)
BioMS/Proteomics experts (Senior Scientist, 937457)

Your talents can make the world a better place by improving human health. Join us and apply your creativity and passion for science to deliver innovative solutions that advance important drug discovery programs. To apply and learn more, visit [www.pfizer.com/careers](http://www.pfizer.com/careers) and search for the appropriate job opening #.

We are proud to be an equal opportunity employer and welcome applications from people with different experiences, backgrounds and ethnic origins.
The University of Ottawa wishes to build on its strengths in photonics and environmental sciences by recruiting outstanding researchers for Canada Research Chairs (CRC) in the following areas:

1- CRC in Accelerator Mass Spectrometry (AMS) (Tier 1)
   The chairholder's research areas will range from new ion source/analysis technologies for the advancement of AMS principles and capabilities to the development of new research applications that require AMS technology.

2- CRC in Nanophotonics (Tier 1)
   Expertise in one of the following three areas is especially desired: quantum information science, photonic systems and devices, fabrication of nanostructures.

3- CRC in Biostatistics (Tier 2)
   The chairholder will assume a leadership role in a well-established team of academics within the interdisciplinary Centre for Research in Photonics.

4- CRC in Developmental Biology (Tier 2)
   The Department of Biology offers the chairholder a vibrant research-intensive environment with strengths in bioinformatics, cellular/molecular biology, developmental biology, ecology, evolution and physiology.

5- CRC in Drug Development (Tier 2)
   The chairholder is expected to develop a vigorous research program at the interface of organic chemistry and chemical biology that will involve interdisciplinary efforts to solve problems of biological and medical importance.

For a full description of each Chair and other information, please visit www.academiccareers.uottawa.ca or contact us at innovation@uOttawa.ca.

Deadline: March 15, 2010

Tier 1 CRCs, tenable for seven years and renewable, are for outstanding researchers acknowledged by their peers as world leaders in their fields.

Tier 2 CRCs, tenable for five years and renewable once, are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field.

FULL PROFESSOR AND FACULTY POSITIONS
Capital Normal University, Beijing, China

Established in 1954, Capital Normal University (CNU) is a key university in Beijing supported by the Beijing Government. CNU is a comprehensive (“211 project”) university that focuses on teacher training and encompasses liberal arts, sciences, engineering, management, law and education. We are expanding to be an international research institute dedicated to inspiring a new age of scientific achievement. Therefore, we are seeking outstanding applicants for the position of full-time Professor and other faculty positions both nationwide and worldwide.

I. Fields (Full-time professor)
Basic mathematics, applied mathematics, physics, biology in all areas, physical geography, remote sensing of geohazard, computer science and technology, communication and information engineering

II. Faculty positions for Ph.D. and post-doctoral associates
Basic psychology, developmental and educational psychology, applied psychology, probability theory, applied mathematics, statistics, physics, optical engineering, electric engineering, botany, zoology, microbiology, animal physiology, genetics, cell biology, biochemistry, molecular biology, developmental biology, communication and information engineering, computer science and technology, computer network, environmental remote sensing, microwave remote sensing, chemistry teaching theory or pedagogy with a chemistry background, history of science and technology, organic chemistry, electrochemistry, electro-analytical chemistry, nano-materials, quantum chemistry, nano-bioanalysis, applied chemistry, chemical engineering and technology

III. Candidate Qualifications:
  • a Ph.D. degree and postdoctoral experiences in relevant scientific areas
  • Fresh Ph.D. applicants should be less than 35 years old. Applicants with Post-doc experiences should be less than 40 years old.
  • a strong record of research accomplishments, as documented by first-author or communication-author publications in internationally leading journals
  • demonstrated capability in coordinating and leading a team

IV. Benefit package
The overall start-up package, including salary, start-up funds, housing, and family settlement in Beijing, is very competitive. It will be based on the applicants’ qualifications and will be negotiated. Full-time professors will be provided with an apartment and family relocation package.

V. Contact Information
Review of applications will begin immediately and please arrange to send all the following materials to the following address by July 30th, 2010: Curriculum vitae (including awards & funding history), a statement of research plans, reprints of 5 representative papers in recent five years and three letters of recommendation.

Mr. Wuxin Chen, Mr. Gaofeng Li
Tel: 86-10-68902989
Fax: 86-10-68981338
Email: cnurcs2009@gmail.com

Department of Human Resources
# 105 Xi San Huan Road (N), Capital Normal University, Beijing 100046, P. R. China
Call for Research Proposals
"Ajinomoto Amino Acid Research Program"

Amino acids have a variety of roles in the biological system. Ajinomoto Co., Inc., which is commanding 50% share of amino acids worldwide, is interested in supporting innovative research focusing on the biological aspects of amino acids, such as nutritional, physiological and/or pharmacological functions and properties.

Research proposals are invited for the following support categories:

- **Exploratory Research Grants**: Maximum of $100,000 per year, up to 2 years
- **Young Investigator Research Grants**: Maximum of $100,000 per year, up to 2 years
  Investigators who are within 5 years as independent investigators by the deadline of full applications are eligible for young investigator category.

Applicants must submit a pre-application to be received no later than 31st March 2010; full applications must be received no later than 1st August 2010.

For more details and instructions:
http://www.3arp.ajinomoto.com
3arp@ajinomoto.com

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Ajinomoto Co., Inc. is pleased to announce the recipients of the 3ARP grant 2010.

Ajinomoto Co., Inc. appreciate the interest and participation of a large number of scientists. We received over 140 high-quality proposals from around the world for this program in 2009. After extensive review and deliberation, the following 8 proposals were selected for funding.

**Exploratory Research**

- **John Blenis / Harvard Medical School**
  "Exploiting the interplay between mTORC1 signaling and amino acid metabolism in cancer therapy"

- **Satish Kalhan / Cleveland Clinic Lerner Research Institute**
  "Creatine metabolism in humans: effect of amino acid supplement"

- **Yoshikatsu Kanai / Osaka University**
  "Identification and characterization of plasma membrane amino acid receptors mobilizing Ca"++ and regulating cell growth and metabolism"

- **Stefano Sforza / University of Parma**
  "Identification of micorganisms and conditions for optimal bioproduction of gamma-glutamyl aminoacids as new flavouring agents"

- **Michael Tordoff / Monell Chemical Senses Center**
  "Mechanism of glutamate’s antiobesity effect"

- **Francois Verrey / University of Zurich**
  "The role of Blood-Brain barrier in establishing and maintaining brain interstitial fluid amino acid homeostasis"

- **Kevin Yarasheski / Washington University School of Medicine**
  "Myocardial branched chain amino acid metabolism in human disease"

**Young Investigator Research**

- **Daniela Cota / INSERM U862, University Bordeaux 2**
  "Metabolic effects of leucine supplementation on the prevention and treatment of diet-induced obesity"

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3ARP granted research will be presented in the Experimental Biology 2010.

**Symposium Title**: Present and Emerging clinical Applications of Amino Acids
**Date**: April 26th, 2010  **Time**: 8:00AM-10:00AM  **Location**: Anaheim, California
Aalto University invites applications for postdoctoral research positions in the fields of natural sciences and technology, economics, and art and design.

The responsibilities of the postdoctoral researchers include research, teaching and thesis supervision related to the research field. The selection process will emphasize on the quality of earlier scientific research, the extent of international experience, and the quality of the research proposal and its compatibility with the goals of the unit. Successful candidates must have completed their doctoral degree before the start of the postdoctoral period and be fluent in English.

Applications are invited for postdoctoral positions in various Aalto University units for the period 1 August 2010 – 31 December 2012. The positions are funded by Aalto University as a reward for the exceptional performance of these units in the recent research assessment exercise.

For further information about the positions, please visit http://www.aalto.fi/en/current/jobs/postdoc/

Aalto University is a new university created through the merger of the Helsinki School of Economics, the University of Art and Design Helsinki and the Helsinki University of Technology.

www.aalto.fi

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**Faculty Positions Open for International Scholars**

**SEOUL NATIONAL UNIVERSITY, SCHOOL OF BIOLOGICAL SCIENCES, KOREA**

Tenure track faculty positions are open for foreign scientists in the areas of 1) Molecular and Cellular Biology, 2) Integrative Organismic Biology, 3) Systematics and Ecology. The opening is limited to non-Korean scientists.

The responsibilities of this position include both research and teaching. Teaching will be conducted in English. The applicants should have a Ph.D. degree and postdoctoral experience with strong research backgrounds and achievements. Competitive set-up expenses and stipends for 70% of graduate students are provided. Also, governmental research grants are applicable for faculty research. The school offers an excellent environment for research and is equipped with most of high performance research facilities.

The salary starts from approximately 60 million KRW per year and is competitive depending on the experience. Faculty housing (2 to 4 bed rooms upon family size) is also available. For more information, visit http://biosci.snu.ac.kr or email to Dr. Kwangseog Ahn (ksahn@snu.ac.kr). The application including curriculum vitae, three references, and research plan (3-4 pages) should be submitted to Chair, Prof. Jung-Hye Roe, by email (ckm81@snu.ac.kr).

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**Daiwa Adrian Prizes 2010**

Daiwa Adrian Prizes are awarded by The Daiwa Anglo-Japanese Foundation on a triennial basis in recognition of significant collaboration between British and Japanese research teams in the field of pure science or the application of science.

The Prizes were established in 1992 and subsequently renamed to commemorate the late Lord Adrian, a founding Trustee of the Foundation, at whose initiative the Prizes were established. Since their launch, £345,000 in Prizes has been awarded to 51 different institutions, 26 from the UK and 25 from Japan.

All submissions will be judged on the basis of scientific quality and past performance but take into account future potential and the likely long-term contribution to UK-Japan scientific relations. Applications are handled by the Foundation with an assessment conducted by a panel of Fellows of The Royal Society.

Further information: www.dajf.org.uk/dap
Addressing the world’s great challenges

Starting this year, KTH will expand research activities in six strategic areas, thereby deepening our impact on the world’s great challenges. We are looking for international calibre research talent to join us.

Our strategic research areas include:
- Information and communication technology
- e-Science
- Molecular biosciences
- Transportation
- Production engineering
- Energy

Please visit www.kth.se/sra for more information about the available positions, our research and KTH.

KTH, founded in 1827, is Sweden’s leading technical university. We account for one-third of Sweden’s technical research and engineering education capacity at a university level. Education and research cover a broad spectrum—from the natural sciences through all the branches of engineering, as well as architecture, industrial engineering and management, urban planning, work science and environmental engineering.

 Cornwall University Center for a Sustainable Future

Managing Transitions to Sustainable Communities and Regions June 14-18, Ithaca, NY

A workshop is being organized for early career scholars and professionals on all aspects of managing transitions to sustainable communities and regions—systems engineering, project management, simulation modeling, forecasting, computation and visualization, and political mobilization. Currently, in many parts of the world, planning expertise to mitigate and adapt to climate change and promote sustainable lifestyles is lacking at local and regional scales, where important decisions determining future climate pathways are being made. In addition, global integrated assessment models do not account for changes in infrastructure, which will be made at the regional level, or technologies exploiting new infrastructure in their estimates of future emissions and economic impacts. We plan a cross-disciplinary workshop to present and promote research that will facilitate transitions to interdependent systems that will support sustainable communities and regions. We will accept ~20 participants, and provide travel, and local support.

Please send a CV, letter of recommendation, statement of interest (<1 page) to apply by March 1, 2010 to CC SF-SummerInst@cornell.edu with the phrase “summer workshop” in the subject heading. More information is available at (http://www.geo.cornell.edu/eas/PeoplePlaces/Faculty/mahowald/SummerInstitute2010/). This workshop is sponsored by the Cornell Center for a Sustainable Future (http://www.sustainablefuture.cornell.edu/index.php) and AIMES Young Scholars (http://www.aimes.ucar.edu/ysn).

European Science Foundation Call for Outline Proposals for EUROCORES research projects

The European Science Foundation (ESF) invites outline project proposals for collaborative research at the European level under the following EUROCORES programmes:
- EuroEPINOMICS: Functional genomic variation in the epilepsies
- EuroGIGA: Graphs in Geometry and Algorithms
- EuroSolarFuels: Molecular Science for a Conceptual Transition from Fossil to Solar Fuels
- EuroTRACES: European Trans-Atlantic Coral Ecosystem Study
- EuroVOL: Ecology of Plant Volatiles, from Molecules to the Globe
- EuroUnderstanding: Understanding and Misunderstanding: Cognition, Communication and Culture

Please see www.esf.org/EUROCORES for deadlines, application and eligibility criteria, and other information on the call.

The EUROCORES Scheme
The European Collaborative Research (EUROCORES) Scheme enables researchers in different European countries to collaborate in tackling the questions that need international scale and scope for top class science in a global context. The scheme is scientist-led, providing an exceptional opportunity for scientists to benefit from the collaboration of the programme across all disciplines. Proposals now requesting outline proposals are the result of the theme proposals selected through the 2009 call for themes in March to May 2009.

The European Science Foundation
The ESF provides a platform for 79 Member Organisations from 30 countries to advance science and explore new directions for research at the European level. ESF is an independent nongovernmental organisation, devoted to the coordination, implementation, networking and science policy development in the basic sciences. The EUROCORES Scheme is part of the ESF contribution to the European Research Area. The research, networking and coordination costs of EUROCORES programmes are covered by the participating national funding organisations.
RESEARCH PLANT PATHOLOGIST
GS-12/13
Salary range of $68,809 to $106,369.

The Crop Production and Pest Control Research Unit in West Lafayette, Indiana, is seeking a permanent, full-time research scientist to conduct basic and applied research for control of soilborne diseases of soybean. The successful applicant will be expected to develop genetic resources in the host and/or pathogen for management of diseases caused by Phytophthora sojae and Fusarium virguliforme utilizing pathological, molecular, genetic, biochemical, physiological, and mycological approaches. For information on the research program and/or position, contact Dr. Larry Dunkle, telephone: 765-494-9076; e-mail: larry.dunkle@ars.usda.gov. Further information on the research of the Crop Production and Pest Control Unit can be found at website: http://www.ars.usda.gov/mwa/lafayette/cpperu. U.S. citizenship is required. Applications must be received by March 9, 2010.

The USDA/ARS is an Equal Opportunity Employer and Provider.

.Positions Open

POSTDOCTORAL NEUROSCIENCE RESEARCH POSITIONS
Immediate and Ongoing Openings
University of California, Irvine

University of California, Irvine offers an Epilepsy Research Postdoctoral Program Fellowship. The multidisciplinary program supports diverse approaches to (1) understanding the fundamental neurobiological processes underlying two major forms of epilepsy, (2) transitioning research, and (3) designing and implementing clinical trials. Participating laboratories include: Tallie Z. Baram, M.D., Ph.D.: Mechanisms of epileptogenesis: epigenetics, ion channel trafficking, in vivo electrophysiology, inflammation; Steven Cramer, M.D.: Functional imaging and genetics for identification and cure of excitotoxic and ischemic insults; Christine M. Gall, Ph.D.: Neurotransphins, integrins, activity-dependent plasticity; Alan L. Goldin, M.D., Ph.D.: Sodium channels, transgenic approaches, electrophysiology; Gary Lynch, Ph.D.: Regulation of excitability and synaptic function and plasticity; Charles E. Risak, Ph.D.: Granule cell plasticity, neuroanatomy; Mick Rugg, Ph.D.: Functional imaging of learning and memory circuits, computational neuroscience, addiction; Martin Smith, Ph.D.: Novel signaling - Agrin and neuronal excitability; Oswald Steward, Ph.D.: Molecular mechanisms of vulnerability to excitotoxicity; John Weiss, M.D., Ph.D.: Calcium and znic trafficking, excitotoxicity. For website: see: www.ucihc.uc Irvine.edu/epilepsyresearch/. These positions are funded by an NIH training grant (T-32); eligible candidates must be U.S. citizens or noncitizens nationals and must be lawfully admitted for permanent residence. An M.D. or Ph.D. degree is required, and M.D. qualified candidates are encouraged to apply. Salary is based on Kirschstein National Research Service Award postdoctoral stipend levels. Candidates should submit resume and references to: e-mail: tallie@uci.edu.

The University of California/Irvine is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities.

TERRESTRIAL ECOLOGIST
The Wabash College Biology Department invites applications for a one-year VISITING ASSISTANT PROFESSOR position. Ph.D. and a commitment to excellence in teaching required. Teaching duties include general ecology, an advanced senior seminar course, and a team-taught introductory biology course. Send a letter of application, curriculum vitae, brief statement of teaching experience and philosophy, graduate and undergraduate transcripts, and three letters of recommendation by March 8, 2010, to: David T. Krohne, Chair Biology Department, Wabash College, P.O. Box 352, Crawfordsville, IN 47933-0352. Questions may be directed to e-mail: krohned@wabash.edu. Information about the College and Department, including the new science facility, is available at website: http://webabas.edu. No electronic applications accepted. Wabash College, a liberal arts college committed to the undergraduate education of men, encourages applications from women and minorities. Equal Opportunity Employer.

FACULTY POSITION
Medical School

Saint James School of Medicine invites applications from candidates with teaching, research, and/or administrative experience in any of the basic medical sciences for its campuses in the Caribbean and its corporate office in Chicago. Immediate needs in anatomy, physiology, pathology, and pharmacology. Applicants should hold an A.L.D., D.O., and/or Ph.D. with a minimum of five years of experience.

U.S. teaching experience desirable. Retired persons with experience in medical education are encouraged to apply. Attractive salary and benefits. Submit curriculum vitae electronically to e-mail: career@sjm.org or mail to: HRDs, Inc., 1480 Renaissance Drive, Suite 300, Park Ridge, IL 60068.

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