POSITIONS OPEN

ECOSYSTEM ECologist

The University of North Texas (website: www.unt.edu) seeks a SENIOR LEVEL ECOSYSTEM ECologist (rank open, preference full professor) with a Ph.D. in ecology or related field and research teaching activities in a specific subdiscipline, such as biogeochemistry or similar area, to be part of an interdisciplinary program in Sub-Antarctic Biocultural Research and Conservation (website: www.chile.unt.edu), focusing on ecology and culture in southern Chile, coordinated by the Departments of Biological Sciences and Philosophy & Religion Studies, the Program has numerous collaborations, including the Chilean Institute of Ecology and Biodiversity (website: www.ice.cl). For more details and how to apply visit website: https://facultysite.unt.edu/apps/CentralQuickFind=50629 or contact Dr. Christopher B. Anderson at e-mail: christopher.anderson@unt.edu.

UNI is an Affirmative Action/Americans with Disabilities Act/Equal Opportunity Employer.

BIOMATHEMATICS

The Department of Biological Sciences, University of Wisconsin-Milwaukee invites applicants for a faculty position in biomathematics at the ASSISTANT (tenure-track) or ASSOCIATE PROFESSOR level. We are seeking outstanding candidates with a Ph.D. in biology or a related area and with postdoctoral research experience. Applicants whose work has an aquatic focus, and with expertise in bioinformatics, genomics, computational genetics, ecological modeling, evolutionary biology, systems biology, or biological aspects of climate modeling, are preferred. The successful candidate will be expected to develop a vigorous, externally-funded research program, take an active role in directing undergraduate and graduate education, and contribute to teaching in biomathematics and core biology courses. This position is part of an interdisciplinary research initiative in aquatic biomathematics, involving biological and mathematical sciences and the UWM Great Lakes WATER Institute.

Potential applicants are encouraged to visit our websites: www.biology.uwm.edu, www.math.uwm.edu, and www.glwi.uwm.edu. To apply, please go to www.jobs.uwm.edu/applicants/Central?quickFind=51144. A completed application should include: cover letter, curriculum vitae, statement of research goals, statement of teaching interests, and three representative publications. Applicants should arrange to have three letters of professional reference sent as pdf attachments to the departmental chair (e-mail: sandgren@uwm.edu) or mailed to ’Biomathematics Search’ at the following address: Department of Biological Sciences, University of Wisconsin-Milwaukee, P.O. Box 413, Milwaukee, WI 53201. Screening of candidates will begin January 18, 2010 and continue until the position is filled. Appointment begins August 2010. University of Wisconsin-Milwaukee is an Equal Opportunity/ Affirmative Action Employer.

POSTDOCTORAL POSITIONS

Cell Biology / Immunology

The Department of Medicine, Karolinska Institute, Stockholm, Sweden is seeking a Postdoctoral Researcher. The ultimate goal of the laboratory is to understand the underlying mechanisms of lymphocyte cytotoxicity, in part through the study of human immunodeficiency syndromes. Requirements include a Ph.D. in cell biology or immunology with less than three years of postdoctoral experience, outstanding microscopic and biochemical skills, publications in internationally renowned peer-reviewed journals, and good communication skills. Send curriculum vitae, names of three references, and a statement of research interests to e-mail: yenan.bryceson@ki.se or hans.gustaf@ki.se.
The 2009 Liliane Bettencourt Prize for Life Sciences has been awarded to Anne Eichmann, PhD, currently director of an Inserm Unit at the Collège de France, Paris, in recognition for her achievements in the field of angiogenesis.

Anne Eichmann’s group explores the molecular basis of the formation of blood and lymphatic vessels, and in particular the mechanisms that underlie the formation of the arterial tree. Understanding blood and lymphatic vessel formation is currently a subject of intense clinical interest because of the roles played by both types of vessel in cancer and ischemia. Anne’s research has notably demonstrated that vessel growth shows anatomical and functional similarities to axon growth and guidance processes. Her earlier contributions are the cloning of receptors for vascular endothelial growth factor (VEGF) and demonstration of their endothelial cells specific expression, the isolation of the hemangioblast, a common precursor for endothelial and haematopoietic stem cells, and understanding of arterio-venous and lymphatic differentiation. Anne Eichmann’s research is important at the fundamental biological but also translational, medical and therapeutic level.

The Liliane Bettencourt Prize for Life Sciences of €250,000 is an essential part of the Bettencourt Schueller Foundation’s commitment to Biomedical Research. It aims to support a top-level European researcher under the age of 45, along with his or her team, to pursue their work in the field of Life Science. The international Jury for the Award is chaired by Professor Pierre Corvol, Administrator of the Collège de France and member of the American Academy of Arts and Science and of the French Academy of Science.

The Bettencourt Schueller Foundation was created in 1987 by Mrs. Liliane Bettencourt, in memory of her father, the late Eugène Schueller, founder of L’Oréal. Its mission is to encourage entrepreneurship in Sciences, Arts and Social Commitment. The Foundation Bettencourt Schueller dedicates around 55% of its total budget to finance scientific education and to directly support researchers.
Multiple Tenure-track/Tenured Faculty Positions

The Department of Computer Science and Engineering (CSE) and the School of Medicine (WUSM) are jointly searching for multiple tenure-track faculty members with outstanding records of computing research and a serious interest in collaborative research on problems related to biology and/or medicine. Appointments may be made wholly within CSE or jointly with the Departments of Medicine, Genetics, or Pathology and Immunology.

CSE and WUSM have a long-term strategic commitment to integrating computing and science. As part of that commitment, we expect to make synergistic hires with a combined research portfolio spanning the range from fundamental computer science/engineering to applied research focused on science or medicine. Specific areas of interest include, but are not limited to:

- Analysis of complex genetic, genomic, proteomic, and metabolomic datasets;
- Algorithms for statistical genetics including genome-wide association studies;
- Molecular systems biology and pathway/network modeling;
- Databases or data mining applied to medical records;
- Natural language processing with the potential for biomedical applications;
- Computer engineering with applications to medicine or the natural sciences;
- Wireless sensor networks with medical applications;
- Visualization with the potential for biomedical applications;
- Theory/Algorithms with the potential for biomedical applications;
- All areas of medical informatics, clinical or public-health informatics;
- All areas of computational biology and biomedical informatics

These positions will continue a successful, ongoing strategy of collaborative research between CSE and the School of Medicine, which is consistently ranked among the top 3 medical schools in the United States. CSE seeks to build on and complement its strengths in biological sequence analysis, biomedical image analysis, and biomedical applications of novel computing architectures.

Washington University is a private university with roughly 6,000 full-time undergraduates and 6,000 graduate students. It has one of the most attractive university campuses anywhere and is adjacent to one of the nation’s largest urban parks, in the heart of a vibrant metropolitan area. St. Louis is a wonderful place to live, providing access to a wealth of cultural and entertainment opportunities without the everyday hassles of the largest cities.

We anticipate appointments at the rank of Assistant Professor; however, in the case of exceptionally qualified candidates appointments at any rank may be considered. Applicants must have a Ph.D. in computer science, computer engineering, electrical engineering, biomedical engineering, computational biology, biomedical informatics, statistical genetics, or a closely related quantitative field and a record of excellence in teaching and research appropriate to the appointment level. The selected candidate is expected to build an externally-supported research program, teach and mentor students at the graduate and undergraduate levels, and foster interdisciplinary interactions with colleagues throughout the university. Candidates who would contribute to enhancing diversity at the departmental and university levels are strongly encouraged to apply. Applications from academic couples are welcomed and encouraged.

Qualified applicants should submit a complete application (cover letter, curriculum vitae, research statement, teaching statement, and names of at least three references) electronically by following the directions provided at http://cse-wusm-faculty-search.wustl.edu. Other communications may be directed to Prof. Michael Brent, Department of Computer Science and Engineering, Campus Box 1045, Washington University, One Brookings Drive, St. Louis, MO 63130-4899.

Applications submitted before January 31, 2010 will receive full consideration.

Washington University is an Equal Opportunity/Affirmative Action Employer.
A staff scientist position is available to lead a newly formed Animal Model Unit that will be shared for projects by several investigators belonging to Stroke Branch (SB) and Neuroimmunology Branch (NIB). The emphasis is placed not only on technical expertise, but also on collaborative spirit and enthusiasm for translational work. It is expected that the staff scientist will be independent in developing and troubleshooting assays and supervising the technical staff and fellows, but that he will work closely with NIB and SB PIs in development of projects and ideas. The applicant should have experience with animal models of neuroinflammation and stroke (such as experimental autoimmune encephalomyelitis (EAE), and/or viral models of demyelinating diseases, middle cerebral artery occlusion, autologous clot model) and in vitro oxygen glucose deprivation (“stroke-in-a-dish”) models. Expertise and experience in MRI studies of animal models of neuroinflammation and neuroinflammation models (that provide an opportunity to link the combination of animal imaging and laboratory defined measures of cellular and molecular pathology, with the combination of human imaging and biomarkers in parallel clinical trials), transgenic systems, and more advanced in-vitro cultures, such as organotypic cultures and immune cell/CNS tissue cell cocultures are not necessary, but would be highly welcomed. Experience with any of the following techniques that are used in the associated labs: isolation of CNS infiltrating immune cells, phenotyping of immune cells by flow cytometry, mRNA isolation and analysis, analyses of soluble factors by ELISA, western blot, and molecular biology methods such as transfection and microRNA techniques, high throughput screens, or computer sciences to integrate and analyze genetic, molecular, physicochemical, functional and behavioral data would be viewed as added value.

Application instructions: Please send a letter describing your research interest and long-term goals, together with CV and names/contact information of 3 references to: John M. Hallenbeck, M.D., Chief, Stroke Branch, NINDS, NIH, Bldg 10/Rm 5B02, 10 Center Drive MSC1401, Bethesda, MD 20892-1401, USA or to HallenbJ@ninds.nih.gov. Applications will be received until January 22, 2010.
Faculty Position in Mouse Genetics
Job Opening #20192

The Department of Biochemistry and Molecular Biology and the George P. and Cynthia Woods Mitchell Center for Neurodegenerative Diseases, in collaboration with the Department of Neuroscience and Cell Biology at The University of Texas Medical Branch at Galveston (UTMB), seek an outstanding candidate for a tenure-track faculty position at the Associate Professor or Full Professor level. The ideal candidate will have an established, extramurally funded program in the biological sciences with a strong focus in mouse genetics with a track record in neurogenetics or cancer genetics. The successful applicant will have opportunities for interactions with centers of scientific excellence in aging, cancer, structural biology and/or addiction research. An attractive recruitment package of salary, start-up funds and equipment, as well as research space will be offered commensurate with the applicant’s qualifications.

Interested applicants should refer to job ID 20192 and submit a curriculum vitae, a summary of research accomplishments and future goals (3-5 pages), as well as contact information of five references to:

George R. Jackson, MD, PhD
Professor and Director
Mouse Genetics Search Committee
George P. and Cynthia Woods Mitchell Center for Neurodegenerative Diseases
The University of Texas Medical Branch,
301 University Blvd.,
Galveston, Texas 77555-1045

The University of Texas Medical Branch at Galveston is an Equal Opportunity, Affirmative Action Institution which proudly values diversity. Candidates of all backgrounds are encouraged to apply.

Faculty Position in Mass Spectrometry
Job Opening #20282

The Sealy Centers for Molecular Medicine (SCMM) and for Cancer Cell Biology and the Department of Biochemistry and Molecular Biology at The University of Texas Medical Branch at Galveston (UTMB) are seeking an outstanding candidate for a tenured track faculty position at the Associate or Professor level. The ideal candidate will have an established program in the biological sciences with a strong focus in mass spectrometry. Areas of special interest at UTMB are proteomic studies, including post-translational modifications, biomarker development, high-throughput approaches, as examples, and mass spectrometry applications development for proteomics. The successful applicant will be jointly appointed in the NHLBI Proteomics Center focusing on airway inflammation, the NIAID Clinical Proteomics Center and the Institute for Translational Sciences. Additional opportunities exist for interactions with centers of scientific excellence in aging, infectious diseases, environmental health, neurodegenerative diseases and/or addiction research.

UTMB houses strong research core services including bioinformatics/computational biology, organic synthesis, molecular biology, x-ray crystallography, NMR, and biophysical solution chemistry. The Mass Spectrometry Core has three Ph.D. trained mass spectrometrists and four high end MALDI/TOF/TOF and LC/MS/MS instruments including a ThermoFisher Orbitrap Velos.

An attractive recruitment package of salary, start-up equipment, newly renovated space, and junior faculty positions will be offered commensurate with the applicant’s qualifications. Interested applicants should refer to job ID 20282 and submit a curriculum vitae, a summary of research accomplishments and future goals (3-5 pages), as well as contact information of five references to: Allan R. Brasier, MD, Professor and Director, Sealy Center for Molecular Medicine, University of Texas Medical Branch, 8,128 Medical Research Building, Galveston, TX 77555-1055.

Senior Research Positions at Swedish Universities

The Swedish Research Council announces Senior Research Positions within natural and engineering sciences. The positions are intended for scientists who have obtained a Ph.D., where the date of exam, with a few exceptions, is not older than ten years prior to the end of the application period. The primary obligation of Senior Research Position appointees is to conduct research. The positions are financed for a maximum of six years.

There is normally one position each within the following 11 areas:

- Analytical chemistry for a sustainable development
- Bioinformatics
- Biomedical engineering
- Eukaryotic molecular cellbiology
- Experimental studies of dynamic processes involving atoms, molecules and clusters
- Optimization of antenna systems
- Parallel computation methods and architectures
- Particle astrophysics
- Photosynthetic control of molecular and material functions
- Solar oceanography
- Semiconductor physics, electronics, electrical engineering and photonics

The proposal must be approved by a Swedish host university or other Swedish host higher education institution.

Apply at www.vs.se no later than February 18, 2010
Application form and instructions can be found at www.vs.se/english in late December.

Seven Tenure Track Faculty Positions in Sustainable Agriculture and Ecosystem Science

The University of New Hampshire seeks outstanding applicants for seven new faculty positions in the areas of sustainable agriculture and sustainable ecosystem science and management. Successful candidates will be expected to develop a strong research and teaching program in one of the following areas:

- Agroecology/Forage Crops
- Applied Forest Ecology
- Aquatic Biogeochemistry
- Landscape Ecology
- Plant Pathology/Plant Microbe Interactions
- Soil Fertility and Biogeochemistry
- Specialty Crop Improvement

Applicants must have a Ph.D. in a relevant field. Preference will be given to those candidates displaying an interest and ability in working across traditional disciplinary/departamental boundaries. It is anticipated that these positions will be filled at the Assistant Professor level. These positions will be located within the College of Life Sciences and Agriculture (COLSA) and successful candidates will be matched with the department that best suits their interests and expertise. The University actively creates and nurtures a dynamic learning environment in which qualified individuals of differing perspectives, life experiences and cultural backgrounds pursue goals with mutual respect and a shared spirit of inquiry. These new faculty are expected to establish vibrant, collaborative research programs, and to enhance the university’s prominence in interdisciplinary research, undergraduate and graduate teaching, and outreach. UNH is a Research 1 Land, Sea and Space Grant University that has been recognized both nationally and internationally for research excellence and a commitment to sustainability and public engagement.

Application Process: Information, including detailed position descriptions, are available at http://www.cola.unh.edu/employment/. All applicants will be required to apply online at https://jobs.unh.edu. Review of applications will begin on January 15, 2010 and will continue until the positions are filled.

The University actively seeks excellence through diversity among its administrators, faculty, staff and students and prohibits discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, or marital status. Application by members of all underrepresented groups is encouraged.
Klaas Heinemann wants to make the world a better place – for everyone. As a physician at Bayer, Klaas knows he is doing just that. Searching for solutions and never giving up. That is the passion that unites all of us at Bayer. We call it the Bayer Spirit. If you feel it, too, then it is high time we had a chance to talk about a career at Bayer.

**Lab Head, Cardiovascular in vivo Target Validation**

**Job description** As a Laboratory Head of “Cardiovascular in vivo Target Validation” you will be responsible for leading and supervising an in vivo cardiovascular pharmacology lab at the Pharma Research Center in Wuppertal, Germany. You will manage and implement a variety of animal models for the company’s drug discovery programs to support in vivo target validation. You will oversee the performance and scheduling of animal experiments in the field of e.g. pulmonary hypertension, heart failure, cardio/renal protection, atrial fibrillation, thrombosis, peripheral artery occlusive disease, acute lung injury or sepsis. In addition, you will have the responsibility for creating novel ideas for drug targets and develop a patho-physiological understanding how modulation of the target can improve disease. Validation of these targets in animal models using either tool compounds or genetically engineered animals is one of the key tasks. Furthermore, you will also ensure the development of novel animal models matching the clinical situation in humans. In particular you will ensure the supervision of cooperations with clinics/hospitals, CRO’s in the field of cardiovascular animal models and the collection of clinic samples.

**Your qualifications** You have a PhD or MD degree in biology, medicine, veterinary medicine or pharmacy with several years experience in various cardiovascular animal models. Postdoctoral experience or industrial background would be a plus. A background in validation of biological protein targets would be an asset. Moreover, you have a mature, self-confident and well-balanced personality and possess a high standard of ethical and intellectual integrity. Beyond that you have a strong leadership style and a stable personality, possessing social competence and distinct management abilities. Further, you have profound knowledge of the German and English language. The ability to supervise, coach and mentor your team and have a track record of effective project contribution is required.

**Your application** We offer a competitive salary and benefits package and will support individual as well as professional development. If you think that you have the right qualifications and wish to be part of our team, please apply online at www.myBayerjob.de, regarding the Reference Code 0000008051, along with enclosures such as your cover letter, CV and references.
The Friedrich-Alexander-Universität Erlangen-Nürnberg with its 26,000 students and 12,000 employees is one of the leading European Research Universities with a strong focus on engineering, natural sciences and medicine. The university is committed to excellent research and interdisciplinary academic education.

The research cluster of excellence “Engineering of Advanced Materials – Hierarchical Structure Formation for Functional Devices” is supported by the German Excellence Initiative and focuses on the science and engineering of hierarchical materials organised from the molecular to the macroscopic levels and the related process technologies. Based on a coherent methodological approach the following research areas are explored:

- Cross-cutting topics: Particle technology, nanomaterial characterisation and multiscale modelling and simulation
- Engineering of electronic devices
- Engineering of photonic and optic materials
- Engineering of catalytic materials
- Engineering of lightweight materials

The vision of the cluster is to bridge the gap between fundamental engineering of lightweight materials and an application-oriented perspective in research and teaching.

In order to attract outstanding middle career scientists the cluster of excellence invites applications for an

**Erlangen Excellence in Engineering Materials Award (W2, tenure track)**

The Award consists of a W2-professorship for 4 years and flexible resources of up to 750,000 € for independent, interdisciplinary, and fundamental research of the awardee’s own choice, but in cooperation with the cluster. The successful candidate is expected to develop an internationally recognized fundamental research program strongly interlinked with the cluster’s research areas. Applicants are asked to submit a proposal (maximum 5 pages) that clearly expresses their excellence in research and their collaborative research plans within the cluster.

The Award addresses itself to candidates with an excellent track record in at least one of the mentioned research areas. Applicants should be exceptional researchers with outstanding university undergraduate and doctoral degrees in natural sciences or engineering as well as excellent teaching skills, and a habilitation or equivalent other qualification, which may have been gained outside university or within a “Junior Professorship”.

The appointment is for four years initially with the possibility of a permanent position, following a positive evaluation (tenure track).

The Universität Erlangen-Nürnberg actively encourages applications from female candidates in an effort to increase female representation in research and teaching.

Given equal suitability for the appointment the applications of disabled candidates will be given priority.

The position is available immediately.

Application documents (curriculum vitae, photograph, copies of degree certificates and a selection of the most important publications) and a proposal (not more than 5 pages) must be submitted before 2010-01-15 by e-mail to Friedrich-Alexander-Universität Erlangen-Nürnberg

**Exzellenzcluster Engineering of Advanced Materials**

Nägelsbachstrasse 49 B, D-91052 Erlangen
e-mail: administration@eam.uni-erlangen.de

www.eam.uni-erlangen.de

**Massachusetts Institute of Technology**

**Come work with us!**

**Faculty Position in Biological Technologies**

**Department of Biological Engineering**

The MIT Department of Biological Engineering invites applications for a tenure-track faculty position at the assistant professor level, to begin July 2010 or thereafter. Applicants should hold a Ph.D. in a science or engineering discipline related to biological engineering. A more senior faculty appointment may be considered in special cases. The candidate is expected to direct a pioneering research program that develops and applies transformative biological technologies in critical areas such as energy, the environment, nutrition, or novel materials. Faculty duties also include teaching at the graduate and undergraduate levels, and supervision of student research.

We especially encourage individuals from underrepresented groups to apply, because of MIT’s strong commitment to diversity in engineering education, research and practice.

Interested candidates should send application materials to the Biological Engineering Faculty Search Committee at: be-fac-search1@mit.edu.

Each application should include: a curriculum vitae; the names and addresses of three or more references; a strategic statement of research interests; and a statement of teaching interests specifically in the context of the Biological Engineering graduate and undergraduate educational programs at MIT (http://web.mit.edu/be/education/ and http://web.mit.edu/be/education/ugrad.html). We request that each candidate arrange for the reference letters to be sent directly to be-fac-search1@mit.edu.

Questions may be directed to: Prof. Douglas Lauffenburger, Head, Department of Biological Engineering, MIT 16-343, 77 Massachusetts Avenue, Cambridge, MA 02139 or lauffen@mit.edu.

**Responses by 1 February 2010 will be given priority.**

MIT is an Equal Opportunity/Affirmative Action employer.

http://web.mit.edu

**Louisiana State University**

**ASSISTANT PROFESSOR (Computational Biologist)**

**Department of Biological Sciences**

LSU is part of the national TeraGrid. For additional information visit our website: [http://www.biology.lsu.edu](http://www.biology.lsu.edu) (You can also visit our Institute by [http://institute.loni.org/](http://institute.loni.org/)).

Louisiana State University offers an innovative and interdisciplinary research environment for advancing computational sciences, including a highly competitive computing environment with access to 100 TFlops of computing resources in conjunction with the Louisiana Optical Network Initiative (LONI). The LONI Institute (http://institute.loni.org) is a bold new inter-university collaboration aiming to fill a dozen new faculty positions in related areas.

LSU is the primary node of the Teragrid. For additional information visit our departmental website: [http://www.biology.lsu.edu](http://www.biology.lsu.edu). Rank and salary will be commensurate with qualifications and/or experience. We encourage applications from women and minorities. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is January 29, 2010 or until candidates are selected.

Apply online at: www.lsusystemcareers.lsu.edu.

Asst. Prof. #034191 and Asst./Assoc./Full Prof. #034190.

LSU SYSTEM IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER

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**Science Careers**

www.sciencecareers.org
Faculty Positions – Meeting the Challenges for New Jersey and the Nation

The Rutgers Energy Institute (REI), in conjunction with the School of Engineering, School of Arts and Sciences, School of Environmental and Biological Sciences, and Edward J. Bloustein School of Planning and Public Policy, has tenure-track faculty openings in energy-related science technology, engineering, economics, and public policy. Except as noted, preference will be given to entry-level assistant professors; however, exceptional applicants at the senior level will be considered. Special consideration will be given to faculty who bridge one or more disciplines. The REI can facilitate appointments between schools as appropriate.

Except as noted preference will be given to entry-level assistant professors; however, exceptional applicants at the senior level will be considered. Special consideration will be given to faculty who bridge one or more disciplines. The REI can facilitate appointments between schools, as appropriate.

Candidates should supply a detailed CV, a brief statement of research interests and goals, and letters from three references. These positions will remain open until the best candidates are identified; however, applications received by January 15, 2010, will be given priority in the initial selection process.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.

Rutgers, The State University of New Jersey
Rutgers Energy Institute
http://rei.rutgers.edu

Energy Research Initiative

School of Engineering http://www.soe.rutgers.edu
The seven departments of the Rutgers School of Engineering are embarking on a hiring thrust in the broad area of Energy. The following areas are of particular interest:

- Professor in Power Engineering: including large-scale power generation, storage and distribution.
- Professor in Renewable Energy: focused on cutting-edge research on energy efficiency, novel energy sources, and energy life cycles.
- Professor in Energy Storage: with research emphasis on novel electrical storage strategies and pathways.
- Professor in Energy Harvesting: including photoelectric energy conversion and novel photovoltaic catalysts/artificial photosynthesis.
- Professor in Nuclear Engineering: with interest in reactor design and safety/next generation of nuclear power.

Contact: D. P. Birmie, III, energy@soe.rutgers.edu

School of Arts and Sciences http://sas.rutgers.edu
School of Business http://business.rutgers.edu

- Professor in Business and Natural Resources: Joint hire with the Department of Earth and Planetary Sciences and the School of Business to fill an endowed chair at the level of Full Professor. Successful candidate should have broad knowledge of geosciences, relating to energy and climate as well as an understanding of relevant economic and business policies. A Ph.D. in Geosciences or Economics with complementary experience is required; experience with energy valuation models is desired.

Contact: K. Fowler, kmfowler@rci.rutgers.edu

School of Environmental and Biological Sciences http://sebs.rutgers.edu

- Professor in Bioenergy Technology: Associate/Full Professor to conduct research and build a nationally recognized program in applied waste-based/agriculture-based bioenergy technology. Will have Extension and outreach responsibilities and also serve as Director of the Rutgers EcoComplex.

Contact: M. Brennan-Yonetta, brennan@aesop.rutgers.edu

- Professor in Energy Economics: Must be familiar with energy policy and related environmental and climate-change debates at the local and global levels. Expertise in any field of economics will be considered, provided research is relevant to public decision-making on sustainable energy. Knowledge of biofuels desirable.

- Professor in Energy Processes and Technologies: Conduct research in novel biological/chemical processes related to bioenergy or alternative energy systems. Specific areas of interest include bioelectricity and microbial fuel cells, biohydrogen and biomethane production systems, novel (bio) fuels, novel generation systems and distributed energy systems.

Contact: M. Brennan-Yonetta, brennan@aesop.rutgers.edu

Edward J. Bloustein School of Planning and Public Policy (EJBSPPP) http://policy.rutgers.edu

- The EJBSPPP welcomes affiliations for those with an energy policy and economics focus to integrate with or bridge other departments/research promoting national sustainable-energy strategies. The Center for Energy, Economic and Environmental Policy examines energy policies and technologies (http://policy.rutgers.edu/centers/ceeep); the Center for Green Building promotes green building through research, advocacy and education (http://policy.rutgers.edu/centers/green.php); and the EJBSPPP has long-standing research on nuclear energy, nuclear waste management, and alternative fuel sources.

Contact: J.W. Hughes, jwhughes@rutgers.edu

Rutgers, The State University of New Jersey
Rutgers Energy Institute
http://rei.rutgers.edu
**Des Moines University** is currently seeking applications from qualified candidates for a tenure or non-tenured Anatomy Faculty position. The successful candidate must possess a doctoral degree or be in the terminal stages of doctoral candidacy. Prior teaching experience in the anatomical sciences is strongly desired. In addition, candidates should have current and permanent legal rights to work in the U.S. and excellent communication, presentation and interpersonal skills. This individual will take part in our team-taught and broad-based anatomical sciences curriculum for medical, allied health and anatomy graduate students. The successful candidate is expected to pursue independent research leading to extramural funding and publications in advanced teaching innovations and/or other pertinent anatomic investigations.

The mission of our Anatomy department is to engage future health care providers, educators, scientists and community members in a dynamic, evidence-based discipline that fosters a professional environment of scholarly activity and service. Des Moines University takes great pride in the depth and breadth of its anatomy programs and its recent investment in new, digitally-equipped dissection laboratory facilities.

Des Moines is a vibrant, mid-size city with nationally recognized schools, a low cost of living and many cultural activities and its location affords opportunity for scholarly collaboration with various Midwest universities and private institutions.

Persons interested in this position should submit their CV, contact information for three references, and a summary statement regarding their teaching philosophy, scholarly activities and goals using the online applicant tracking system located at [http://www.dmu.edu/employment](http://www.dmu.edu/employment). Review of applications will begin immediately and continue until the position is filled. Candidates with questions specific to this position may also contact Dr. M. Khan at 515-271-1694 or email at M.Khan@dmu.edu. Des Moines University offers a competitive compensation package, including bonus, for this position. For a complete job description, faculty benefits or for more information on Des Moines University and its various academic programs, please visit [www.dmu.edu](http://www.dmu.edu).

By 2013, ERCEA would have a staff complement of 389 and manage an operational budget of €1,679 millions.

We look for a distinguished scientist with robust administrative experience. Applicants should have: high level qualifications (PhD or equivalent experience) in any field of science or scholarship and very strong professional record in any field of fundamental research; knowledge of policy and practice relevant to scientific and technological research and experience of leadership in this area; excellent understanding of the challenges of the research funding landscape, research experience of budgetary, financial and human resources management in a national, European and/or international context; capacity to develop and manage a large agency, both at strategic and internal management level; ability to lead and motivate a large team in a European, multicultural and multilingual environment; understanding of the EU Institutions, their functioning and interaction as well as EU policies and international activities of relevance to the activities of the Agency; ability to communicate to the public and cooperate with stakeholders (European, International, National and Local Authorities, international organisations, etc.); excellent written and oral communication and negotiation skills; in particular, excellent knowledge of a foreign language.

A full job description, selection criteria and application details can be found in the [Official Journal C 295 A of 4 December 2009](http://ec.europa.eu/dgs/personnel_administration/working_senior_mgt_en.htm) or on the [EUROPA website](http://ec.europa.eu/dgs/personnel_administration/seniormanagementvacancies/CV_Encadext/index.cfm).

The closing date for application is 5 March 2010.

On-line application will not be possible after 12.00 noon Brussels time.

[http://ec.europa.eu](http://ec.europa.eu)
Chief Scientists to head new laboratories
Permanent Position RIKEN, Japan

RIKEN invites applications for the position of Chief Scientists to lead new laboratories in the following areas:

RIKEN SPring-8 Center (RSC) has been playing a central role in the frontiers of science and technology from the materials to the life science fields by providing state-of-the-art experimental facilities utilizing brilliant light sources as well as by promoting its own research activities. The Innovative Light Sources Division, RSC has now an initiative for SPring-8 synchrotron source upgrade known as SPring-8 II. The successful candidate will be in charge of 1) leading and achieving the long-term project, “SPring-8 II 2019”, which shall give birth to the “ultimate” storage ring by the end of 2019, 2) promoting the international collaboration with the synchrotron radiation (SR) facilities all over the world as a research leader of accelerator physics in photon science. Applicants should have the ability and experience equivalent to that of a project leader at a SR facility and appropriate research experience supported by a distinguished research record and the ability to play a pivotal role in the research area over the long-term.

The Advanced Science Institute (ASI) at RIKEN is applying its integrated and interdisciplinary resources to developing new research fields directed at solving global environmental and energy issues. To this end, ASI is planning to establish a laboratory that will work on developing new substances and materials or finding new functions for various substances and materials. To head this new laboratory as Chief Scientist, ASI seeks an individual who will be capable of implementing original environmental and energy research strategies over the medium and long terms, and who can pioneer new directions of research cutting across different research fields. Applicants should have appropriate research experience supported by relevant publications.

**Conditions**
The post is a permanent appointment, subject to RIKEN's mandatory retirement age of 60. However, it is possible, depending on evaluation results, to continue research after the age of 60 (73 maximum) as a Distinguished Senior Scientist. Terms and conditions of employment shall include a director-level salary and be in accordance with RIKEN's procedures for appointing Chief Scientists.

**Deadline and documents to be submitted**
Applicants should send a full curriculum vitae and photograph; one copy each of five key publications; a statement (five sides of A4) explaining former research experience, reasons for their applications and proposals for research at RIKEN, and; the names and addresses of three referees. All documents should reach RIKEN by 31 March 2010.

Applicants should address all correspondence to:
Dr. Masaki Takata, Head of the Chief Scientist Nominating Committee, Structural Materials Science Laboratory, RIKEN SPring-8 Center, RIKEN Harima Institute, Koto 1-1-1, Sayo-cho, Sayo, Hyogo 679-5148 JAPAN
(Tel: +81(0)791582942, e-mail: takatama@spring8.or.jp)

Further details: [http://www.riken.jp/engn/r-world/info/recruit/k100331_e_rsc.html](http://www.riken.jp/engn/r-world/info/recruit/k100331_e_rsc.html)

Applicants from overseas applicants are welcome. The successful candidate will be responsible for the laboratory's overall management and research strategy, directing research projects and contributing to more general aspects of RIKEN's management and research planning activities. RIKEN expects that the successful applicant will be able to take up this position on October 1, 2010.

Information about RIKEN is available on the RIKEN website: [http://www.riken.jp/](http://www.riken.jp/)
The Department of Ecological Modelling invites applications for

**one Research Scientist position** (m/f, full time)

**three PhD-positions**

(or alternatively half-time PostDoc positions) (m/f)

within the framework of an “European Research Council Advanced Researcher Grant” for the project “Towards a Unified Spatial Theory of Biodiversity”. The positions will start earliest on 1st February 2010 and the candidates will be recruited for three years.

Objective: The objective of the ERC project is to understand the relative importance of processes and factors that govern the composition and dynamics of species-rich communities. The project relies on data sets of large mega-plots of tropical forests and forest simulation models. Important parts of the project are quantification of the highly complex spatial structures found in these forests and their comparison with the output of forest simulation models.

**A) PhD-position**

will focus on process- and individual-based dynamic models for forests. Expertise in dynamic simulation models and excellent programming capabilities are required.

**B) PhD-position**

will focus on highly aggregated vegetation modelling approaches based on Markov chains and cellular automata (Hubbell-approach). Expertise in dynamic modelling and excellent programming capabilities are required.

**C) PhD-position**

will focus on quantification of complex spatial patterns and their relationship with species properties. A strong background in statistics and willingness to learn methods of spatial point pattern analysis and point process modelling are required.

**D) Research Scientist position**

The successful candidate will coordinate the spatial pattern analysis part of the ERC project and conduct challenging spatial analyses. A PhD, strong background in spatial statistics and point process modelling, and a strong international publication record are required.

**Requirements:**

We are seeking for ambitious, highly motivated and team oriented scientists with keen interests in interdisciplinary research and conceptual issues in ecology. Applicants should have a degree and a solid background in Physics, Ecology or Applied Mathematics (or a related discipline), good knowledge of a modern programming language (e.g. Pascal, C++) and good skills in English (speaking and writing). Experience in ecological modelling is beneficial.

The place of work is Leipzig, Germany. Salary for positions A-C will be according to the appropriate civil service level (TVöD), Entgeltgruppe 13 (50%) and for position D according to the personal preconditions up to Entgeltgruppe 14 (TVöD). Women are explicitly encouraged to apply to increase their share in the appropriate civil service level (TVöD), Entgeltgruppe 13 (50%) and to the personnel department, P.O. Box 500136, D-04301 Leipzig, Germany or by e-mail to application@ufz.de. Applications are taken until the position is filled.

**Full-Time Tenure Track Faculty Position in Zoonotic Infectious Diseases**

The mission of the Washington State University School for Global Animal Health is to improve human health by control of infectious diseases at the animal-human interface (http://www.globalhealth.wsu.edu). Founded by a gift from the Bill and Melinda Gates Foundation, the School is expanding and seeks an outstanding individual for a 12-month, tenure-track position in research and graduate/post-doctoral education at our Pullman Campus. The successful applicant will be expected to develop and implement an innovative, productive, and extramurally funded laboratory and/or field-based research program that addresses zoonotic infectious diseases. Research and graduate education in the School, supported by NIH, USDA, and the Wellcome Trust, are focused on animal infectious diseases, including both zoonotic pathogens and pathogens that constrain livestock development in resource-poor countries. In addition to current modern research facilities, the School is presently constructing a new BSL2/3 research building funded by the Gates Foundation and the State of Washington. A doctoral degree (DVM, MDor PhD), and post-doctoral research experience (post-DVM, post-MD dor post-PhD) is required. A demonstrated potential for successful acquisition of extramural funding, demonstrated publication in high impact international journals, and current or projected research relevant to the mission of the School for Global Animal Health are preferred. The appointment may be as an Assistant or Associate Professor, depending on experience and record of achievement. The successful candidate will be expected to work closely with faculty to further develop the School’s graduate program and to demonstrate a commitment to the School’s public health and humanitarian mission. Review of applications will begin on **February 1, 2010**. Submit letter of application, curriculum vitae, and names and addresses of three references to: Dr. Wendy Brown, Search Committee Chair, c/o Ms. Jill Griffin, School for Global Animal Health, Washington State University, P.O. Box 647040, Pullman, WA 99164-7040. WSU is an EEO/AA Employer. Protected group members are encouraged to apply. For more information: http://www.vetmed.wsu.edu/employment/.

**ASSOCIATE PROFESSOR / PROFESSOR**

**MOLECULAR EPIDEMIOLOGY/EPIGENETICS**

Applications are invited for a Tenure-Track faculty position in the College of Health Professions and Biomedical Sciences in the field of molecular epidemiology and/or epigenetics as part of the University of Montana’s NIH-funded Center of Biomedical Research Excellence (COBRE) in Environmental Health Sciences (http://www.umt.edu/cehs). The position is being offered at the Associate Professor/Professor level within the Department of Biomedical & Pharmaceutical Sciences of the Skaggs School of Pharmacy. We seek a candidate who will complement and expand existing research in the Center for Environmental Health Sciences (CEHS) and the Department, as well as interface with the College’s program in Public Health. In addition, the candidate would assume the role of CEHS deputy director. Requirements include: a doctoral degree (M.D. and/or Ph.D.), a history of a successful research program, as evidenced by a strong publication record and previous/current funding, and a commitment to contribute to graduate and undergraduate educational programs. A competitive startup package will be provided.

The University of Montana is located in Missoula, a cosmopolitan Rocky Mountain community of about 80,000. The city has been singled out in national publications for its high quality of life. Abundant recreational opportunities in surrounding state and national forests and nearby Glacier National Park complement a thriving intellectual atmosphere.

Send letter of application, CV, statement of research goals, and three letters of reference to: Andrij Holian, Chair Molecular Epidemiology Search Committee, Department of Biomedical and Pharmaceutical Sciences, The University of Montana, Missoula, MT 59812. Telephone: 406-243-4018; FAX: 406-243-2807; email: andrij.holian@umontana.edu. Applications will be reviewed starting December 28, 2009 and will continue until the position is filled.
AIDS 2010
XVIII INTERNATIONAL AIDS CONFERENCE
JULY | 18-23 | 2010 | VIENNA AUSTRIA

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- **SATELLITE APPLICATIONS**
  Close 31 March 2010

- **EXHIBITION SPACE APPLICATIONS**
  Close 31 May 2010

www.aids2010.org
YOUNG INVESTIGATOR POSITIONS

The Research Centre for Infectious Diseases (ZINF) of the University of Würzburg seeks two exceptional scientists for its young investigator program. We are interested in young scientists who have earned international recognition in the field of infectious diseases, microbiology, or host-pathogen interactions. Candidates using emerging or proven technologies to study new aspects of microbial pathogenesis are preferred, but all outstanding scientists are encouraged to apply.

Successful candidates will be appointed as group leaders for a period of 5+2 years. The salary (E14/15) will be commensurate with training and experience. The positions include laboratory operating expenses and salaries for additional personnel (post doc, graduate student, and technician). Laboratory space will be provided at a recently finished 9,000 m2 state-of-the-art research building with biocontainment, molecular imaging, high-throughput genomics, and animal facilities. The building is specifically designed to foster collaborative research, and houses six additional young investigator groups as well as laboratories run by faculty members. See www.infektionsforschung.uni-wuerzburg.de for more information. Informal inquiries about the posts can be made to Prof. Matthias Frosch (mfrosch@hygiene.uni-wuerzburg.de) or Jörg Vogel (vogel@mpib-berlin.mpg.de).

Interested individuals should send, by February 15, 2010, a one-page description of research interests and future directions; curriculum vitae including list of publications; the names of three references. We may request short-listed candidates to submit a more detailed research proposal. The University of Würzburg is an equal opportunity employer. Women and individuals with disabilities are strongly encouraged to apply.

Applications should be sent via email to monika.meece@uni-wuerzburg.de, and addressed to the Spokesperson of the Research Center of Infectious Diseases, Prof. Dr. Matthias Frosch.

THREE TENURE-TRACK FACULTY POSITIONS AT UNIVERSITY OF TSUKUBA

Assistant Professor in Biostatistics/Public Health
Assistant Professor in Medical Sciences (any field)
Assistant Professor in Medical Pharmacology

The Medical Branch at Graduate School of Comprehensive Human Sciences has started four programs instructed in English under the Global 30 Project at University of Tsukuba (http://www.global.tsukuba.ac.jp/en/index_e.htm) and invites applications for three tenure-track positions at the level of ASSISTANT PROFESSOR, which are available from April 1, 2010.

Applicants should have a PhD and/or MD or equivalent recognized qualification in biomedical sciences and be able to demonstrate their potential as independent scientists. The successful applicants will be expected to establish and maintain extramurally funded research programs and to participate in teaching and training of medical and graduate students in English.

Applications including brief descriptions of education/research plans and philosophy (not to exceed two pages), one-page summary of teaching/practice experience, curriculum vitae, a list of publications (with copies of 5 most important ones) and three letters of recommendation should be filled in the forms downloaded from the website of Medical Branch at http://www.md.tsukuba.ac.jp/G30/ and received by January 15, 2010.

Send applications to:
Head, Department of General Affairs, Medical Branch at Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tennodai 1-1-1, Tsukuba, Ibaraki 305-8575, Japan.
Tel: (81)-29-853-3023 or 3014 Fax: (81)-29-853-6387
E-mail applications in PDF files may be made to: ig9@un.tsukuba.ac.jp

For more information, visit our websites: http://www.md.tsukuba.ac.jp/G30/, http://www.md.tsukuba.ac.jp/FrontierSite/global-30-english-programs
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What You Bring to Abbott
Can Bring Hope to the World

Who we are
We are Abbott Molecular, a division of Abbott. Ibis Biosciences, the winner of the 2009 Wall Street Journal Gold Medal for technological innovation, is now part of our company as well.

We pioneer breakthrough molecular diagnostics technology for infectious disease, public health, biodefense and human and microbial forensics.

Across Abbott, every day is filled with new discoveries and leading-edge innovation. With nearly $30 billion in sales in more than 130 countries, we’re not just poised to enhance the health of the world – we’re already making it happen.

The opportunity
Abbott has ambitious plans to keep learning and growing and is seeking people who have the same goals.

We have exciting opportunities in Carlsbad, California on teams creating new assays for the PLEX-ID platform and obtaining new grants and contracts:

- Biochemistry/Molecular/Computational Biology, Ph.D. (67570BR)
- Biochemistry/Molecular Biology, B.S./M.S. (67568BR)

Who we seek
Are you looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is considered the starting point, not the final definition of who you are?

Do you have expertise in nucleic acid biochemistry and hands-on experience in molecular and nucleic acid-based assay development, amplification technologies, computational methods, and other molecular biology and nucleic acid detection methods? Infectious disease and/or computational expertise are also desirable.

The next step is yours.
Apply online today and learn about other exciting positions at: www.abbott.com/careers

Due to government grant requirements, certain positions will require U.S. citizenship.

An EEO/AA employer, Abbott welcomes and encourages diversity in our workforce.
Bioenergy Tenure-Track Faculty Positions

The University of Wisconsin-Madison is committed to improving our energy future through renewable energy research and discovery. To facilitate that commitment, UW-Madison’s College of Agricultural and Life Sciences (CALS) formed the Wisconsin Bioenergy Initiative (WBI) to grow bioenergy expertise among UW-Madison, UW-System and Wisconsin stakeholders. The WBI is a university-based coalition that helps the talent within Wisconsin create, commercialize and promote bioenergy solutions. Its goal is to harness the talent, creativity and natural resources in Wisconsin to build a renewable energy landscape in our home state and beyond.

In order to advance these goals, UW-Madison is seeking individuals to grow bioenergy expertise in established departments with focus areas including, but not limited to: • Cell wall chemistry and deconstruction methods to enable methods of providing accessibility to the separate biopolymer fractions. • Biomass feedstock production to identify strategies to lower feedstock costs, to enhance storage capacity, increase energy density and improve opportunities for implementation. • Catalytic conversion methods to create fuels utilizing routes of gasification, pyrolysis, liquefaction, upgrading and reforming. • Advanced batteries or other energy storage technologies, including the use of fundamental electrochemistry, new materials and integration of nanotechnology to enhance storage capacity, increase energy density and improve opportunities for implementation at large scales. • Biomass processing, agglomeration and transport to connect the production of energy dense, highly consistent, readily convertible feedstocks with delivery to biorefineries and power plants. • Engineering expertise in current bioenergy processing methods, including dry and wet anaerobic digesters, gasification, pyrolysis and fluidized bed reactors for biopower. • Behavior change, public attitudes and social marketing, with an emphasis on the economic and physical infrastructure needed for bioenergy development, and the analysis of social, cultural and land use impacts of bioenergy production, distribution and use.

The UW-Madison campus is located in the heart of the city of Madison, Wisconsin that offers an unsurpassed quality of living and learning community. (www.wisc.edu/slideshow) Applications, nominations, and inquiries are all invited. Review of applications began on December 1, 2009, and continue through January 31, 2010, or until successful candidates are identified. Please visit www.wbi.wisc.edu/careers for full position descriptions and submission instructions.

UW-Madison is an Equal Opportunity/Affirmative Action employer. Unless confidentiality is requested in writing, information regarding applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

TENURE-TRACK FACULTY POSITIONS
THE HENRY SAMUELI SCHOOL OF ENGINEERING AT THE UNIVERSITY OF CALIFORNIA, IRVINE invites qualified applicants for two faculty positions beginning July 1, 2010. The positions are at the rank of Assistant Professor (tenure track) and will be formally associated with The Edwards Lifesciences Center for Advanced Cardiovascular Technology. Applicants must hold a Ph.D. in engineering or related fields. Individuals with interdisciplinary backgrounds and interest in joint appointments between Biomedical Engineering and one of the other engineering departments at UCI are also encouraged to apply. Successful candidates will be expected to maintain a broad-based extramurally funded research program. Research areas of interest include broadly the application of engineering technologies to address structural defects or disease in the cardiovascular system including, but not limited to, regenerative medicine (tissue engineering), photonic imaging and treatment, multiscale modeling, wireless communication systems, and biomedical micro- and nanoscale systems. In addition, the successful candidate will be expected to advise students and teach undergraduate and graduate courses relevant to biomedical engineering, as well as develop collaborative programs with other faculty members and programs at UCI. The University of California, Irvine is situated in Orange County’s rapidly growing high technology sector that includes more than 300 biomedical companies. APPLY NOW – submit your application to our online recruitment program. For full consideration, candidates should upload applications electronically, please refer to the following website for instructions: http://www.eng.uci.edu/employment/faculty/applicationinstructions. Applications should include a curriculum vitae, a brief (no more than 2 pages) description of current and future research and teaching interests, and names of at least three references. Questions regarding these positions may be addressed to Ms. Ruth M. Gratzer, rmgratze@uci.edu. For more information about The Edwards Lifesciences Center for Advanced Cardiovascular Technology or the Department of Biomedical Engineering please visit our websites at http://cardiovascular.eng.uci.edu or http://www.bme.uci.edu. Applications will be accepted until the positions are filled, although maximum consideration will be given to applications received by February 1, 2010. UCI is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of family-friendly policies, and is the recipient of an NSF ADVANCE Award for gender equity.
ASSISTANT/ASSOCIATE PROFESSOR in Molecular and Cellular Biology

The Department of Environmental and Forest Biology at The State University of New York College of Environmental Science and Forestry (SUNY-ESF) in Syracuse, NY, invites applications for an academic-year, tenure-track position as an Assistant or Associate Professor in Molecular and Cellular Biology as applied to the environment or renewable resources. SUNY-ESF is seeking exemplary teacher-scholars who are committed to excelling in both teaching and research. Applicants must have a Ph.D. and one or more years of postdoctoral research experience and a high commitment to teaching at the undergraduate (and graduate) level. For a full position description, application requirements, and to apply online, see www.esf.edu/hr/search/

To ensure optimal consideration, all application materials must be received by January 24, 2010.

For more information contact
William Powell at wapowell@esf.edu

SUNY-ESF is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF OSLO
FACULTY OF MEDICINE

Associate Professor/Professor position

available at the Department of Physiology, Institute of Basic Medical Sciences, University of Oslo, Norway. Tenured position with teaching duties (Faculty of Medicine). Applicants must establish an internationally competitive research program. The department has strong traditions and prominent international profile in neuroscience, circulatory physiology and cell biology. Current staff: 10 tenured faculty, 9 laboratory technicians and more than 30 PhD students and postdoctoral fellows.

More information at: www.med.uio.no/imb/english or Department Chair Joel C. Glover (joel.glover@medisin.uio.no).

Initial application (web-based) requires only CV and short statement of interest. Deadline January 6, 2010.

Apply at: www.med.uio.no/felles/personal/ledigstilling/

Nature Publishing Group, the publisher of Nature, is pleased to announce the launch of Nature Climate Change. This international monthly journal will launch in 2010 providing in-depth coverage on news and scientific-and impacts-based research relating to the Earth’s changing climate.

Nature Climate Change will publish research crossing both natural and social sciences and will strive to forge and synthesize interdisciplinary research. The journal's mission will be to unify the body of research related to the understanding, and impacts, of Climate Change as well as putting the latest research into a wider social and political context.

We require a dynamic Chief Editor and two Associate Editors, based in our London offices, who are able to develop, launch and establish Nature Climate Change as the essential publication covering research into the Earth's changing climate. The ideal candidates will play a leading role in the accessibility of research, published in the journal, and its visibility in related research communities as well as the mainstream media and public.

Chief Editor Ref: NPG/104/09

Applicants must have a significant track record in climate-related research and, ideally, experience working in both the natural and social sciences. Candidates must be able to demonstrate a good understanding of the challenges faced by researchers, policy makers and other interested parties in understanding the complex mechanisms and impacts associated with our changing climate.

Associate Editors Ref: NPG/110/09

You will have a Ph.D. in a related discipline with demonstrable research achievements. Though postdoctoral experience is preferred (not required) emphasis will be placed on broadly trained applicants with knowledge of the broader research community. Key elements of the position include the selection of manuscripts for publication, and commissioning, editing and writing other content for the journal. We are ideally looking to recruit: one Associate Editor with a scientific understanding of the factors relating to the Earth's changing climate; and one Associate Editor with a social-economic understanding of the impacts and mitigation of climatic change.

These are demanding and extremely stimulating roles, which call for a keen interest in the practice and communication of science. The successful candidates will therefore be dynamic, motivated and outgoing, and must possess excellent managerial, presentation and interpersonal skills.

Applicants for the Chief Editor position should send a CV, a statement (1500 words maximum) that encapsulates their vision for the journal's content, competitive position and longer term development, and a brief cover letter detailing their salary expectations and explaining their interest in the post.

Applicants for the Associate Editor positions should send a CV (including their class of degree and a brief account of their research and other relevant experience), a News & View style piece (500 words or less) on a recent paper from related literature, and a brief cover letter detailing their salary expectations as well as explaining their interest in the post.

Applications should be sent to Diem Pham, HR Assistant at londonrecruitment@macmillan.co.uk Applicants should clearly mark on their submissions the reference number. Incomplete applications will not be considered.

Closing date: 4th January 2010
DEPARTMENT OF BIOLOGY

Lectureship in Eukaryotic Genetics  Ref: UoY00590
Lectureship in Molecular Biophysics  Ref: UoY00591

As part of a major expansion in biological and biomedical research activity at York, we are seeking outstanding and dynamic scientists with proven track records of high quality research to appoint as Lecturers in Eukaryotic Genetics and Molecular Biophysics.

Lectureship UoY00590 will be in an area of eukaryotic genetics that complements other research interests at York, with preference being given to individuals working with mammalian systems and/or genetic models of disease.

Lectureship UoY00591 would be particularly suitable for applicants investigating protein-DNA or protein-protein interactions using ensemble and/or single molecule biophysical methods.

Both appointees will be expected to develop independent research programmes of international standing aimed at understanding major biological or biomedical questions and to engage in teaching in related areas.

For informal enquiries, contact Professor Deborah Smith (dfs501@york.ac.uk; 01904 328483; UoY00590), Professor Colin Kleanthous (ck11@york.ac.uk; 01904 328820; UoY00591) or the Head of Department (Professor Dale Sanders, biohod@york.ac.uk; 01904 328555).

Salary will be within the range: £35,469 to £43,622 per annum.

For further information and to apply on-line, please visit our website: http://www.york.ac.uk/jobs/
Alternatively contact HR Services on 01904 434835 quoting the appropriate reference number.
Closing date: Thursday 21 January 2010

The University of York is committed to diversity and has policies and developmental programmes in place to promote equality of opportunity.

www.york.ac.uk

NEUROSCIENCE AND CELL BIOLOGY

A tenure-track/tenured position is available in The Department of Neuroscience and Cell Biology at the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School. Investigators with interests in molecular neurobiology, cell biology and developmental neurobiology are encouraged to apply. In addition to being a member of the Department, the new hire will be provided opportunities within the neuroscience community at large with potential joint appointment in an appropriate department and/or center. The position will be available beginning July, 2010.

Please submit curriculum vita, summary of scientific interests and goals, and three letters of reference to: Cheryl F. Dreyfus, Ph.D., Professor and Acting Chair. Address this material to Ms. Mary Beth Sparta, Department of Neuroscience and Cell Biology, UMDNJ-Robert Wood Johnson Medical School, 675 Hoes Lane West, Piscataway, NJ 08854-8021. UMDNJ is an Affirmative Action/Equal Opportunity Employer, m/f/d/v, and a member of the University Health System of New Jersey.

APPONMENT OF OPERATIONS DIRECTOR
LABORATORY ANIMAL FACILITIES
NATIONAL UNIVERSITY OF SINGAPORE

The Comparative Medicine Centre (CMC) at the National University of Singapore (http://www.nus.edu.sg) provides professional and technical service for laboratory animal care, veterinary medical services, and animal research project support for staff and students of NUS. We now seek to appoint an operations director. This position holds full responsibility for the day to day management of all resources necessary for efficient conduct of animal experimentation and compliance with regulatory requirements across multiple sites in NUS. A detailed description of the job can be found at

http://www.nus.edu.sg/careers/potentialhires/currentvacancies/jobdesc/Professional/CMC.html

Applicants should have completed a relevant degree, and have a minimum of 5 years experience in a similar position. Extensive working and practical knowledge of animal husbandry is essential together with experience in managing and supervising staff.

The remuneration package will be commensurate with experience and qualifications appropriate to this senior position.

Applications (with a full CV and names of at least three referees) can be sent to:
Professor Peter Little
Office of the Deputy President (Research and Technology), NUS University Hall, Lee Kong Chian Wing, UHL #05-02P
21 Lower Kent Ridge Road, Singapore 119077
Email: dprprl@nus.edu.sg
Closing date for applications: 30 Jan 2010

Science Careers
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FACULTY POSITIONS IN BIOMEDICAL ENGINEERING

The J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida has multiple faculty openings as part of its plan to add 8 new faculty in the next several years as it adds an undergraduate program to its current MS and PhD programs. Candidates are expected to possess academic credentials sufficient to meet the requirements for full, associate or assistant professor appointments in Biomedical Engineering.

The BME Department has a mandate to be the research and educational interface between the highly ranked College of Engineering and the Health Sciences at Florida, including our excellent College of Medicine, the adjacent Veterans Administration facility, and the growing biomedical industry near Gainesville and in the state. Successful candidates will show promise to collaborate with our partners to form world-class research programs. Particularly promising areas include: imaging, computational bioinformatics, assistive technology, and drug delivery biologics, to target health care opportunities in the fields of aging, cancer, diabetes, and brain disease. The BME Department moved into its new building co-located with the College of Medicine, providing superb opportunities for interdisciplinary research, including the Shands Health Sciences Center, the McKnight Brain Institute, the NSF National High Magnetic Field Laboratory, the Cancer/Genetics Institute, the Nanoscience Institute for Medical & Engineering Technology, and institutional collaboration with the Moffit Cancer Center in Tampa. Translational biomedical engineering research will be facilitated by our recent NIH Clinical and Translational Science Award.

Independent of this announcement, the College of Engineering is planning to hire twenty new faculty in critical areas including computation, sustainable infrastructure, information technology, nano/microtechnology, energy, and health care/biotechnology.

Interested candidates should refer to our website: http://www.bme.ufl.edu. To ensure full consideration, application should be made by March 1, 2010, although the Search Committee will begin reviewing applications January 1, 2010.

The University of Florida is an Affirmative Action / Equal Opportunity Employer and women and minorities are encouraged to apply.
The Human Frontier Science Program supports international preferably intercontinental collaborations in basic life science research with emphasis placed on innovative and interdisciplinary approaches to fundamental investigations. Applications are invited for grants to support frontier approaches to understanding complex mechanisms of living organisms. Applicants are expected to develop novel lines of research distinct from their ongoing research. Preliminary results are not required.

There are two types of Grant: Young Investigators’ Grants are for teams of scientists who are all within 5 years of establishing an independent laboratory and within 10 years of obtaining their PhDs. Program Grants are for independent scientists at all stages of their careers, although the participation of younger scientists is especially encouraged.

Grants provide 3 years support for 2 – 4 member teams, with not more than one member from any one country, unless critical for the innovative nature of the project, which is an important selection criterion. Applicants may establish a local or national interdisciplinary collaboration as a component of an international team but will be considered as 1.5 team members for budgetary purposes. Awards are dependent upon team size and successful teams will receive up to $450,000 per year. The principal applicant must be located in one of the member countries (Australia, Canada, the European Union, France, Germany, India, Italy, Japan, New Zealand, Norway, the Republic of Korea, Switzerland, the United Kingdom and the United States) but co-investigators may be located in any country.

Guidelines and further instructions are available on the HFSP web site (www.hfsp.org). International teams of scientists must first submit a letter of intent online via the web site. Specific enquiries: grant@hfsp.org

Deadlines: Compulsory pre-registration, via the web site: March 22nd 2010
Submission of Letters of Intent: March 31st 2010
Clinical Assistant Professors
Department of Biology
Arts and Science

The Department of Biology at New York University invites applications for two Clinical Assistant Professor appointments to start September 1, 2010, pending budgetary and administrative approval. Responsibilities include developing and teaching curriculum in Genetics, Genomics or Microbiology as well as teaching several Principles of Biology Laboratory sections. Previous research and teaching experience is preferred. The Department of Biology (http://biology.as.nyu.edu) offers an outstanding and collegial research environment. Opportunities exist for active collaborations with related divisions within the University.

Candidates should submit a single PDF file containing Cover Letter, CV, and Teaching Statement that outlines interest and experience to biology.clinicalsearch@nyu.edu. The following address can be used for the cover letter: Dr. Gloria Coruzzi, Department of Biology, New York University, 1009 Silver Center, 100 Washington Square East, New York, NY 10003. Three PDF letters of reference should also be submitted separately to biology.clinicalsearch@nyu.edu. Closing date for all materials is January 29, 2010.

New York University
NYU is an Equal Opportunity/Affirmative Action Employer.

Assistant Professor of Integrative Animal Physiology

Assistant Professor, 9-month appointment basis; Department of Animal Science College of Agriculture and Life Sciences, Cornell University.

The Department of Animal Science within the College of Agricultural and Life Sciences (CALS) invites applications for a tenure-track position as Assistant Professor of Integrative Animal Physiology. This is a continuing 9-month research (50%) and teaching (50%) position. The successful applicant will develop and lead an externally-funded research program devoted to the discovery of physiological mechanisms underlying the productivity, well-being and health of domestic animals. Physiological processes of interest include, but are not limited to, developmental programming, reproduction, lactation, growth, digestion and metabolism, and immune function. The research program should capitalize on opportunities to utilize state-of-the-art core facilities in genomics, proteomics and transgenic animals. The use of domestic animals as biomedical models is desirable. Motivation to develop strong collaborations within the Department and across the University is essential. Teaching responsibility will include a primary role in delivering an introductory undergraduate course on domestic animal biology. Contribution to an advanced or graduate course in the appointee’s disciplinary expertise, as well as advising and mentoring of undergraduate and graduate students is expected. Rank: Assistant professor, appointment on an academic year (9-mo) basis, tenure track. Closing date: February 1, 2010 or until a successful candidate is identified. Date Available: July 1, 2010. Location: Department of Animal Science, College of Agriculture & Life Sciences, Cornell University, Ithaca, NY. Support: Laboratory space and an excellent start-up package will be provided. A competitive salary, commensurate with training and experience, and an attractive fringe benefits package, are provided.

Qualifications: A Ph.D. with training and demonstrated competence in integrated animal physiology. Postdoctoral experience, and an interest in domestic or companion animals are preferred. Applicants must be committed to both research and teaching excellence. Application: Send a complete resume, complete transcripts, a statement of research and teaching goals, and the names of at least three individuals who will provide letters of reference to: W.R. Butler, Chairman Department of Animal Science, 149 Morrison Hall, Cornell University, Ithaca, NY 14853-4801, Phone: 607-255-2862 Fax: 607-255-9829, Email: wrb2@cornell.edu

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

Cornell University is an Affirmative Action/Equal Opportunity Employer and Educator.

Massachusetts General Hospital
Harvard Stem Cell Institute

The Center for Regenerative Medicine (CRM) at Massachusetts General Hospital invites applications for a tenure-track Assistant Professor position. Outstanding scientists in the field of vertebrate stem cell or regenerative biology will be considered. Candidates with a research program focused on adult stem cell biology, tissue regeneration, pluripotency, neuroscience, or organ biology and who have an interest in application to human disease are especially welcome. Successful candidate(s) will be members of the Harvard Stem Cell Institute and faculty of Harvard University. Candidates must hold a PhD and/or MD and have a history of innovative, interactive research.

Applicants should send an electronic copy of (1) letter of interest (2) research plan and (3) current curriculum vitae to Miklosik.Mona@mgh.harvard.edu. Three letters of recommendation should also be sent directly to: Center for Regenerative Medicine Search Committee, Attention: Mona Miklosik, Massachusetts General Hospital, 185 Cambridge St., CPZN 4258, Boston, MA 02114.

Women and minority candidates are urged to apply. MGH is an Equal Opportunity/Affirmative Action Employer.

Postdoctoral Fellows in Cancer Biology

The National Engineering Laboratory for Anti-tumor Protein Therapeutics focuses on both basic and translational tumor research with the ultimate goal of developing molecularly targeted cancer therapeutics. We will provide compensation relative to US standards for highly qualified and motivated postdoctoral fellows with strong interests in tumor progression and metastasis. Successful candidates will have received a Ph.D./M.D. in areas related to cancer biology. Applicants should have a strong background in cancer biology, immunology, molecular and/or cellular biology, as well as an excellent publication record in related fields. Applicants should have excellent communication skills in English, be highly motivated, and be able to work within a multidisciplinary team.

The successful candidates will be expected to undertake independent projects in cancer research, especially related to tumor metastasis, tumor immunology, and tumor angiogenesis/lymphangiogenesis. Experience with genetic animal models, biomarker discovery, drug design and tumor pathology is preferred. Compensation will be competitive to US standards, and will be determined based on the assessment of the candidate’s application and subject to sufficient funding. Upon successful completion of the postdoctoral training, there are also potential opportunities for faculty positions.

Positions are available immediately and applications will be received on a rolling basis until all positions are filled. Applicants should send a cover letter indicating research interests, CV, and the names of three references to: Yongzhang Luo, Professor, Director, National Engineering Laboratory for Anti-tumor Protein Therapeutics, School of Life Sciences, Tsinghua University, Beijing 100084, P. R. China Tel: 86-10-6277-2897 Fax: 86-10-6279-4691 E-mail: yluo@tsinghua.edu.cn Website: www.antitumor.org; www.luolab.org

NYU is an Equal Opportunity/Affirmative Action Employer.

E-mail: sciencecareers.org
Faculty Position in Photonics for Biology and Medicine
at the Ecole polytechnique fédérale de Lausanne (EPFL)

The EPFL Institute of Bioengineering (IBI) invites applications for an endowed tenure track assistant professorship in photonics for biology and medicine. IBI sits at the interface between the Life Sciences and Life Technologies, and bridges two EPFL Schools: the School of Life Sciences (FSV) and the School of Engineering (STI).

The topics of interest cover the use of light for therapeutic and diagnostic purposes – from fundamental principles to development and application – and extend to the interaction of light with biological material at the molecular, membrane, cell and organ levels (including phototoxicity, photosensitizer molecules and particles, and light-sensitive proteins), as well as to novel optical imaging techniques and applications of light to system biology. Research activities will ideally foster collaborations between the FSV and the STI, as well as with the University hospitals in the Lake of Geneva region.

We are seeking exceptional candidates with outstanding records of scientific accomplishments and a strong dedication to teaching at the undergraduate and graduate levels. Capacity to initiate and coordinate transdisciplinary research, as well as to translate fundamental research to preclinical investigations will represent additional assets.

Start-up resources and state-of-the-art research infrastructure will be available, within the framework of a campus that fosters very strong interactions between life sciences, engineering, basic sciences and informatics. Salaries and benefits are internationally competitive. Particularly experienced candidates could be recruited at the associate or full professor level.

Applications should be submitted through the Internet http://biophotonics-search.epfl.ch and include the following documents in PDF format: curriculum vitae; publication list; statement of research and teaching interests; name, address and email of at least five referees.

The deadline for applications is 28 February 2010. Enquiries may be addressed to:
Professor Olivier Martin
E-mail: hiring.ibibp@epfl.ch

For additional information please consult the web sites http://www.epfl.ch and http://ibi.epfl.ch

EPFL aims to increase the presence of women amongst its faculty members; and female candidates are strongly encouraged to apply.

TENURE-TRACK FACULTY POSITION IN CELL & DEVELOPMENTAL BIOLOGY

The Department of Cell & Developmental Biology and the UNC Lineberger Comprehensive Cancer Center at The University of North Carolina, invite applications for tenure/tenure-track faculty positions at the level of Assistant Professor (other levels will also be considered) such as Associate Professor. Research programs in any modern area of cellular, molecular or developmental biology will be considered, but we are particularly interested in those who apply state-of-the-art molecular and biochemical approaches to contemporary problems in cancer biology. These include, but are not limited to, cell cycle regulation, how cellular metabolism interfaces with apoptosis, regulated protein degradation, and signaling.

UNC-CH provides an outstanding environment for interdisciplinary biomedical research with opportunities to interface with basic biological, physical, chemical and computational and clinical scientists. Research strengths within the Department include, but are not limited to, cell migration, membrane biophysics, membrane trafficking, cell signaling, protein quality control, metabolic biology, model genetic systems, cell adhesion, cytoskeleton biology and biochemistry, and reproductive biology. Additionally, UNC’s new Center for Drug Discovery actively works with faculty interested in converting biological and chemical insights into new therapeutics.

Candidates should have a Ph.D. and/or M.D., postdoctoral research experience and an outstanding publication record. Clear evidence of outstanding teaching skills is also required. Women and members of under-represented minority groups are especially encouraged to apply.

To apply, see our website: www.jobs.unc.edu/100928 to complete an online application and also, please attach a CV and Cover letter to the application.

University of North Carolina is an Equal Opportunity Employer.

The UNC McAllister Heart Institute and the UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the entire University, seeks outstanding candidates for tenure-track faculty positions at all levels of basic and translational research.

This recruitment seeks an outstanding scientist interested in a broad range of topics in the field of vascular biology, including but not limited to vascular development, angiogenesis, tumor angiogenesis and imaging blood vessels. Applicants should have a strong record of recent accomplishments as a post-doctoral fellow or sustained productivity as an established faculty member. Appointment and rank in an academic department will be determined by the applicant’s qualifications. Applications will be reviewed beginning January 4, 2010 and until the positions are filled.

Applicants must submit curriculum vitae, a description of research plans and names of four references through the UNC Chapel Hill’s web-based system. The following link will direct you to the position: jobs.unc.edu/1002169. PDF documents are preferred. If you encounter problems with the application process please send an email to Vanessa Brock vbrock@med.unc.edu.

The University of North Carolina at Chapel Hill is an Equal Opportunity/ADA Employer. Women and minorities are encouraged to apply.

Supported by the University Cancer Research Fund.
SYRACUSE UNIVERSITY
The Beverly Patterson Bishop Professorship in Neuroscience (025753)

The College of Arts and Sciences at Syracuse University invites applications for the Beverly Patterson Bishop Professorship in Neuroscience. This is a tenured and endowed professorship at the rank of Associate Professor or Professor, depending upon the experience and qualifications of the successful applicant. We seek candidates with an interdisciplinary approach to neuroscience questions whose research and teaching exhibit innovation and excellence. We will consider applications from those engaged in outstanding neuroscience research in all areas across the spectrum from molecules to mind. Given the interdisciplinary nature of the position, the academic appointment of the successful candidate could be in one or more of the following departments of the College: Biology, Chemistry, Communication Sciences and Disorders, Physics and/or Psychology. In addition, joint appointments in academic departments at the State University of New York-Upstate Medical University are possible. Neuroscience is an emerging interdisciplinary initiative at Syracuse University and the successful candidate will be expected to foster the growth of this initiative. The successful candidate will have a strong history of scholarly activity and an ongoing, independent research program that complements this collaborative framework. Job requirements include a Ph.D. degree and teaching at the undergraduate and graduate levels.

The collaborative interactions between Syracuse University and neighboring campuses provide rich interdisciplinary opportunities that include theoretical/computational neuroscience, developmental biology, evolutionary biology, cognitive neuroscience, and behavioral, clinical, cellular or molecular neuroscience. A list of equipment and links to potential collaborators is available at http://thecollege.syr.edu/student/home.htm (click on Bishop Professorship link). Candidates must visit www.sujobopps.com to complete a Dean/Senior Executive/Faculty application form and attach a current curriculum vitae plus (1) a cover letter outlining the candidate’s qualifications, (2) a brief statement of research interests and future goals, and (3) a summary of teaching experience and teaching interests. Personal inquiries may be directed to:

Bishop Neuroscience Faculty Search (c/o J.M. Russell)
Department of Biology
107 College Place
Syracuse University
Syracuse, NY 13244
E-mail: jrussell@syr.edu

Priority will be given to applications received prior to January 15, 2010.

Syracuse University is an Affirmative Action/Equal Opportunity Employer.

HARVARD UNIVERSITY
Assistant/Associate Professors
Department of Genetics and Complex Diseases

The Department of Genetics and Complex Diseases (GCD) at the Harvard School of Public Health (HSPH) invites applications for tenure-track positions at the level of assistant professor. Exceptional associate professor candidates will also be considered. Successful applicants will hold a PhD and/or MD degree and will have a record of outstanding productivity. Individuals are sought particularly in the following areas to complement the existing research and training goals of the department: signal transduction related to energy and nutrient sensing pathways, regulation of metabolic homeostasis, inflammatory and stress response pathways related to chronic metabolic diseases and aging, cancer metabolism, and epigenetic regulation of metabolism. Individuals using systems and/or computational approaches applied at a mechanistic level to problems of metabolic homeostasis, gene-environment interactions and/or adaptive responses are also encouraged to apply. The candidate should possess the ability to work collaboratively with other scientists and the scholarly qualities required to mentor doctoral students in the graduate program in the Division of Biological Sciences. Generous start-up packages and state-of-the-art research facilities are available.

Please send a letter of application, including a statement of current and future research interests, curriculum vitae, sample publications, and the names of four references to the following address. Applicants should ask their four references to write independently to this address:

Chair, GCD Search, c/o Audrey Harmon
Department of Genetics & Complex Diseases
655 Huntington Avenue, Building II, 113
Boston, MA 02115
gcddept@hsph.harvard.edu

The Harvard School of Public Health is committed to increasing the representation of women and minorities in its faculty, and encourages applications from such candidates.
Additional information about the Center for RNA Molecular Biology can be found at [http://www.case.edu/med/rnacenter/home.htm](http://www.case.edu/med/rnacenter/home.htm).

Tenure Track Faculty Positions in RNA Molecular Biology

The Center for RNA Molecular Biology, Case Western Reserve University School of Medicine (a freestanding unit in the basic sciences) invites applications for two tenure track Assistant Professor positions. Because these positions are supported in part by a P50 faculty recruitment grant from the NIH, we are seeking candidates in two specific areas:

1. **Bioinformatics** – Candidates in this area will be expected to have made significant contributions to RNA biology using state-of-the-art bioinformatics approaches and be able to develop a strong independent research program using such approaches. In addition, the successful applicant will participate in the hiring and supervision of an individual who will provide informatics support for faculty throughout the CWRU research community whose projects involve RNA analysis including high throughput sequencing.

2. **Genome wide approaches** – Candidates in this area will be expected to have made significant contributions to our understanding of RNA biology using genome wide approaches and be able to develop a strong independent research program using such approaches. We are particularly interested in candidates who plan to analyze large non-coding RNAs, small regulatory RNAs or investigate RNA-protein interactions at a genome wide level.

Applicants should provide via email a current CV, a statement (2-3 pages) of qualifications and interests, a description of past and ongoing research, and having a demonstrated ability to master new technical areas are also desirable. In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women and underrepresented minorities are encouraged to apply. CWRU is a past recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in Science and Engineering. Additional information about the Center for RNA Molecular Biology can be found at [http://www.case.edu/med/rnacenter/home.htm](http://www.case.edu/med/rnacenter/home.htm).

Postdoctoral Positions

Many Institute of Molecular Imaging and Computation (MIMIC) at the University of Miami seeks motivated scientists to join an innovative cross-disciplinary and imaging-intensive project on in situ protein-protein interaction networks, or iPPIN. This collaborative project aims to redefine proteomics as a context-rich molecular interactomics. The current goals of the iPPIN project are to create transgenic Drosophila expressing imaging-ready neuronal proteins, reveal their localization and direct association within model neurons, and construct context-specific proteomic maps of wild type neurons in the rat spinal cord system. More information is available at [http://www.miami.edu/ippin](http://www.miami.edu/ippin).

Two postdoctoral research associate positions are available immediately and renewable for three years. Each position requires a PhD degree or equivalent and expertise in one or more of the following: molecular imaging, neuroscience, biochemistry, computer science, computer imaging, genomics, and bioinformatics. Additional information about the Center for RNA Molecular Biology can be found at [http://www.case.edu/med/rnacenter/home.htm](http://www.case.edu/med/rnacenter/home.htm).

KRISS

Korea Research Institute of Standards and Science (KRISS) is a government-funded, public research institute that has actively worked on fundamental science and key technologies.

In KRISS, you will have the opportunities to join the expert group capable of conducting convergence research in various fields of science and to enjoy challenging and creative research projects. KRISS is looking for competent researchers who want to work together for our goal of producing the first Nobel Science Prize laureate in Korea. Take up the challenge and open up your dreams and passion with KRISS!

Job Openings

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Postdoctoral fellowships

Positions are available in the following areas: Chemistry, Bioscience, Environment, Biotechnology, Chemical Engineering, Medical Science, Brain and Cognitive Sciences, Aesthetic Engineering; Physics, Electric/Electronics, Materials Science and Engineering, Mechanical Engineering, other science and technology disciplines.

Qualifications

Candidates of all nationalities are invited to apply. Those who apply for full-time positions or postdoctoral fellowships shall demonstrate their R&D abilities through publication of their works in scientific or engineering journals and/or registration of patents as the principal inventor with the patent office in the US, Europe or Japan.

All applicants must be able to demonstrate the ability to develop and to work effectively on multiple concurrent projects in a collaborative, multidisciplinary team environment. Being flexible and having a demonstrated ability to master new technical areas are also desirable.

Information

Successful candidates will be provided with privileges as follows

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Other Information

Applications will be open until Dec. 30, 2009. Submitted documents will not be returned. Documents containing false data will be nullified. Should you need any detailed information or have inquiries, either visit [http://english.kriss.re.kr](http://english.kriss.re.kr) or contact us at [job@kriss.re.kr](mailto:job@kriss.re.kr) or +82-42-868-5511.
This national conference with top experts will examine the impact of personalized medicine on the delivery of healthcare in the future. Conference highlights:

- patient rights
- medical privacy and confidentiality
- ethics
- individualized medical care
- economics
- liability issues for physicians

For CLE and CME information and to register, visit www.law.asu.edu/personalizedmedicine2010. To become a conference supporter, call 480.965.2465.
MEN2 Thyroid Cancer Research Scholar, Mentored Research Scholar, and Postdoctoral Fellows:
A Request for Applications

Research Scholar Grant Eligibility Expanded to Include Independent Investigators at any Career Stage
Next Receipt Deadline: April 1, 2010

The American Cancer Society announces this revised Request for Applications for the American Cancer Society MEN2 Thyroid Cancer Consortium. Funds remain available for up to seven (7) Research Scholar and/or Mentored Research Scholar grants and up to five (5) Postdoctoral Fellow grants will be awarded. The Consortium will be led by a single renowned senior scientist who will be awarded the American Cancer Society MEN2 Thyroid Cancer Professorship and act as leader for the overall program (details at links below). Appropriate areas of investigation include, but are not limited to: understanding consequences of RET mutations, molecular events underlying the development of MEN2-related tumors, improved animal models of MEN2, new screening and monitoring tools, new imaging approaches, and new pharmacologic and other strategies to blunt the effects of mutations in RET and other genes associated with medullary thyroid cancer.

Individuals applying for a Research Scholar Grant must have an independent research or faculty position and can be at any stage of their career. These grants will be awarded for up to $200,000 a year, direct costs, for 5 years. Mentored Research Scholar Grants will be awarded to junior faculty members with a doctoral degree in a clinical or cancer control research discipline (e.g., M.D., and/or Ph.D.) that are within the first four years of a full time faculty appointment or equivalent, and have no more than 4 years of postdoctoral research experience immediately prior to their faculty appointment. The successful applicant is expected to transition into a career as an independent investigator. Awards are for up to five years and for up to $135,000 per year direct costs.

Applicants for Postdoctoral Fellowships must have obtained their doctoral degree prior to activation of the fellowship. Awards are for three years with progressive stipends of $44,000, $46,000, and $48,000 per year, plus a $4,000 per year institutional allowance. Individuals who have held a PhD or MD and have been doing research for more than 4 years at the time of application are not eligible.

Deadline: Complete applications are due by April 1, 2010. Funding will begin January 1, 2011. For information regarding funding policies or to obtain an application, go to https://proposalceneral.altum.com or refer to the ACS website at www.cancer.org/research: select Funding Opportunities followed by Index of Grants, scroll down to Special Initiatives and select the appropriate RFA for MEN2 Thyroid Cancer. For inquiries, contact Charles Saxe, PhD at (404) 929-6919 (charles.saxe@cancer.org).

Canada Research Chair (Tier I)
in Emerging Pathogens

Director of the Emerging Pathogens Research Centre

Applications are invited for a Tier I Canada Research Chair (CRC) in Emerging Pathogens, who will hold a tenure-track position at the level of Full Professor. The incumbent will also become Director of the new Emerging Pathogens Research Centre (EPRC). The University of Ottawa, a Canadian leader in biomedical research, is undergoing a major expansion of its basic science research capacity, including the area of emerging pathogens and infectious disease. The EPRC focuses on infection models of viruses, bacteria, and prions; innate and adaptive immunity including vaccinology and therapeutic resistance; the support of research programs involving populations and epidemiology, bioinformatic, translational, genomic, evolutionary and systems approaches dealing primarily (but not exclusively) with the nervous, respiratory, hematologic, and enteric systems. The candidates are expected to be international leaders in infectious diseases and/or emerging pathogens research. They also need to display excellent leadership qualities and a vision that will foster the growth of the Research Centre. The Director will be expected to enhance the research activities of the Centre via multiple strategies, including the recruitment of more junior scientists. Applicants should have a Ph.D. and/or M.D. degree. The ability to teach in both French and English would be an asset.

Interested applicants are invited to submit an application consisting of the following: a curriculum vitae, a short statement of their research goals and objectives and the names of three persons able to supply letters of reference. The application package should be sent by post, courier, or e-mail to: Dr. Earl Brown, Executive Director of the Emerging Pathogens Research Centre, Department of Biochemistry, Microbiology and Immunology, Faculty of Medicine, University of Ottawa, 451 Smyth Road, Ottawa, Ontario, K1H 8M5. Email: ebrown@uottawa.ca. The review of applications will begin in January 2010 and the process will continue until the position has been filled.

All qualified candidates are encouraged to apply; the Canada Research Chairs Program imposes no restrictions on nominees with regard to nationality or country of residence. Procedures to allow non-Canadian chairholders to work in Canada have been established by Human Resources and Skills Development Canada and Citizenship and Immigration Canada. Equity is a University of Ottawa policy; women, Aboriginal peoples, members of visible minorities and persons with disabilities are encouraged to apply. At the time of tenure, professors are expected to have the ability to function in a bilingual setting.

Department: Center in Molecular Toxicology and the Vanderbilt Institute for Clinical and Translational Sciences

Position: Integrative Health Sciences Facility Core Research Program Coordinator. The Center in Molecular Toxicology and the Vanderbilt Institute for Clinical & Translational Research at Vanderbilt University School of Medicine seek candidates for a Research Assistant Professor or Research Associate Professor position in the non-tenure research track to lead a newly created and novel Integrative Health Sciences Facility Core, the goals of which are to promote and develop translational research in the environmental health sciences. Applicants must have a Ph.D., M.D., or equivalent degree, and have demonstrated excellent qualifications in research, preferably in environmental sciences. In addition, specific expertise in research project coordination (i.e., research design and project organization, collaboration, basic analytic skills, and program development, etc.), and manuscript and grant writing experience are essential. Excellent verbal and written communication skills, as well as the ability to work in a team are essential.

This is an ideal position for someone who may desire to transition from being a PI to a non-tenure track salaried position, with the opportunity to lead and facilitate new and novel research directions and opportunities for funding in the environmental sciences. Significant infrastructure resources exist to develop unique integrative and translational research programs with world-renowned scientists.

Please submit curriculum vitae, and a letter of interest to: Tina V. Hartert, MD, MPH
Vanderbilt University School of Medicine
6107 Medical Center East
Nashville, TN 37232-8300
(615) 936-1010
tina.hartert@vanderbilt.edu

Vanderbilt University School of Medicine is an equal opportunity, affirmative action employer. Women and minority candidates are strongly encouraged to apply.
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www.analytica.de

analytica 2010
MARCH 23–26, NEW MUNICH TRADE FAIR CENTRE

Call for applications for the Cino del Duca Prize for Science

The Simone and Cino del Duca Foundation of the Institut de France will award its 2010 Prize (364000 €) to a European team working in the field of

“Vectorisation of bioactive compounds for therapy of major pathologies”

Applications should be sent before February 11th, 2010 to:
fondation-del-duca@institut-de-france.fr

For additional information, please contact the Simone and Cino del Duca Foundation of the Institut de France
Tel : 00 33 (0) 1 47 66 01 21
Fax : 00 33 (0) 1 46 22 45 02

The application form can be downloaded on the following site
www.actualites.institut-de-france.fr
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<td>Protein Purification &amp; Characterization</td>
<td>April 7 - 20</td>
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<tr>
<td>Cell &amp; Developmental Biology of Xenopus</td>
<td>April 9 - 20</td>
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<tr>
<td>Workshop on Schizophrenia &amp; Related Disorders</td>
<td>June 9 - 15</td>
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<tr>
<td>Advanced Bacterial Genetics</td>
<td>June 9 - 29</td>
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<tr>
<td>Ion Channel Physiology</td>
<td>June 9 - 29</td>
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<td>Molecular Embryology of the Mouse</td>
<td>June 9 - 29</td>
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<tr>
<td>Integrated Statistical Analysis of Genome Scale Data</td>
<td>June 16 - 29</td>
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<tr>
<td>Computational Neuroscience: Vision</td>
<td>June 18 - July 1</td>
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<tr>
<td>Computational Cell Biology</td>
<td>July 2 - 22</td>
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<tr>
<td>Genetics of Complex Human Diseases</td>
<td>July 6 - 12</td>
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<tr>
<td>Molecular Techniques in Plant Science</td>
<td>July 2 - 22</td>
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<tr>
<td>Neurobiology of Drosophila</td>
<td>July 2 - 22</td>
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<tr>
<td>Advanced Techniques in Molecular Neuroscience</td>
<td>July 6 - 22</td>
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<tr>
<td>Workshop on Biology of Social Cognition</td>
<td>July 14 - 20</td>
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<tr>
<td>Brain Tumors</td>
<td>July 22 - 28</td>
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<td>Proteomics</td>
<td>July 22 - August 4</td>
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<td>Eukaryotic Gene Expression</td>
<td>July 27 - August 16</td>
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<tr>
<td>Imaging Structure &amp; Function in the Nervous System</td>
<td>July 27 - August 16</td>
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<tr>
<td>Yeast Genetics &amp; Genomics</td>
<td>July 27 - August 16</td>
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<tr>
<td>Stem Cells</td>
<td>July 30 - August 5</td>
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<td>C. elegans</td>
<td>October 11 - 26</td>
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<td>Programming for Biology</td>
<td>October 11 - 26</td>
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<tr>
<td>X-Ray Methods in Structural Biology</td>
<td>October 11 - 26</td>
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<tr>
<td>Advanced Sequencing Technologies &amp; Applications</td>
<td>October 13 - 26</td>
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<tr>
<td>Immunocytochemistry, In Situ Hybridization, Super-Resolution &amp; Live Cell Imaging</td>
<td>October 13 - 26</td>
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<tr>
<td>Phage Display of Proteins &amp; Peptides</td>
<td>November 2 - 15</td>
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<tr>
<td>Computational &amp; Comparative Genomics</td>
<td>November 3 - 9</td>
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<tr>
<td>The Genome Access Course</td>
<td>April 27 - 28, November 16 - 17</td>
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POSTDOCTORAL POSITION available in Dr. Bruce Lahn’s lab at Howard Hughes Medical Institute, Dept of Human Genetics, University of Chicago. The position involves highly novel research projects that intersect stem cell biology, epigenetics, and functional genomics. Experience with cell and molecular biology desirable; experience with bioinformatic analysis especially valued. Dr. Lahn’s research is described at website: http://www.genes.uchicago.edu/lahn.html. Please send inquiries or e-mail: blahn@bsd.uchicago.edu.

The School of Natural Resources, University of Nebraska-Lincoln is seeking an ASSISTANT PROFESSOR (tenure-track) position to conduct basic and applied research in aquatic ecology and limnology with a focus on surface water in Nebraska. Areas of expertise may include algal community composition, water resource classification, aquatic biotic interactions, and other topics that improve our understanding of the structure and function of surface water ecosystems. The individual will be required to teach undergraduate and graduate courses in aquatic ecology, limnology and water quality that contributes to the B.S. degree in Environmental Science. The individual will be expected to develop external funding in support of their research and teaching program, and supervise undergraduate and graduate students; publish research and teaching-related scholarly articles in refereed publications and present findings at various venues. Additional responsibilities include collaboration with other UNL faculty to enhance the teaching mission of SNR, advise/mentor undergraduate water science majors and complete contact information for at least three references. Those interested in applying should submit a cover letter, curriculum vitae, and three letters of recommendation to: Megan Murray, M.D., Sc.D. Phone: 617-432-2781. E-mail: mmurray@hsph.harvard.edu.

THE MIAMI PROJECT TO CURE PARALYSIS
Department Of Neurological Surgery
University Of Miami Miller School Of Medicine
Facilities And Program Director: Principal Investigator
Reparative Strategies In Spinal Cord Injury

The Miami Project to Cure Paralysis/Department of Neurological Surgery at the University of Miami, Miller School of Medicine is seeking outstanding candidates for the ASSISTANT, ASSOCIATE or FULL PROFESSOR levels. A significant record of academic accomplishment and the potential to attract independent research funding are important considerations for this position. The Miami Project offers excellent basic science, translational, and clinical research programs directed toward study of central nervous system damage and development of novel treatments to promote functional recovery.

The successful applicant (Ph.D. and/or M.D.) will be a member of this interdisciplinary Center of Excellence with access to numerous state-of-the-art core facilities. The candidate should have a strong interest in pursuing the research related to reparative strategies for spinal cord injury. Investigators using cell based therapies and biomaterials in animal models are of particular interest but other approaches are also encouraged. Rank and salary will be commensurate with experience and record of accomplishment.

This is an excellent opportunity to join a productive team of basic and clinical scientists investigating spinal cord injury in a state-of-the-art research center located in one of the most beautiful cities in the US. Benefits and a collegial environment, and benefits are commensurate with experience.

The positions are available July 1, 2010. Those interested should email their curriculum vitae, names and contact information for three references, and a brief summary of their research interests and goals to e-mail: jcox@med.miami.edu. Include “Faculty search” in the subject line.

The University of Miami Miller School of Medicine is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Applications are invited for a POSTDOCTORAL POSITION with zero to two years experience, in the Department of Target Discovery and Cellular Microbiology at the US Army Medical Research Institute of Infectious Diseases (USAMRIID), Frederick, Maryland. Candidates should have a background in computational biology, bioinformatics, systems biology, and, be experienced in numerical analysis, programming (e.g. C++, MATLAB or others). Good written and communication skills, and a high level of motivation and commitment are required. The applicant will translate the imaging biological systems data (based on single cell phenotypic measurements) into novel computational models that allow the spatiotemporal and quantitative prediction of signaling events and the identification of key regulatory factors or new compound mechanisms. The interdisciplinary working environment spanning the fields of systems biology, immunology, imaging and infectious disease research will provide unique opportunities and exposure to cutting-edge technologies. The ultimate goal of this research program is to develop an understanding of the infectious disease processes and response to drugs at the cellular and molecular level.

Requirements include a Ph.D. in cell biology, immunology, statistics, computer science, or a related field, and experience in computational biology or systems biology. The SELECTED CANDIDATE will be a novel researcher with a strong interest in scientific productivity. Preference will be given to candidates who have prior experience with high throughput screening or gene expression data. The candidate will work closely with a team of biologists, bioinformaticians, and computational scientists.

Send CV and references to: Megan Murray, M.D., Sc.D. Phone: 617-432-2781. E-mail: mmurray@hsph.harvard.edu.

Virology Search: ASSOCIATE OR FULL PROFESSOR
Department of Microbiology and
Core Staff Scientist,
Washington National Primate Research Center
University of Washington

The Department of Microbiology and the Washington National Primate Research Center at the University of Washington in Seattle are conducting a search for an ASSOCIATE or FULL PROFESSOR in the field of HIV/SIV virology. We are looking for an innovative investigator with a robust independent research program studying viral immunology, viral pathogenesis, virus-host interactions, or systems virology, with a non-human primate models of HIV infection.

The position is a 12-month, full time, position in the School of Medicine, and is funded by the Primate Core Grant, now in its 48th year, and by the Department of Microbiology. The position provides an opportunity to join a dynamic, interactive community of virologists and immunologists investigating HIV/SIV virology, pathogenesis and vaccines. All University of Washington Faculty engage in undergraduate or graduate level teaching, research, and service.

Salary and benefits are competitive and will be commensurate with the qualifications and experience of the candidate.

Applications are invited for this position for a Ph.D., M.D., or DVM degree and a strong independent publication record should send their CV, a statement of research interests and arrange to have three letters of reference sent to: Faculty Search, Department of Microbiology, Box 357242 or K3575, University of Washington, 1705 N.E. Pacific Street, Seattle WA 98195. Application deadline: March 1, 2010. For additional information, contact Dr. Megan Murray, M.D., Sc.D. at 617-432-2781. Applications from female and minority candidates are encouraged.

Visit us online at sciencecareers.org for more than 4,000 positions!