ELSS PLANT SCIENCE SUBSTANTIVE EDITING CHALLENGE

Skilful, freelance manuscript editors with expertise in plant science are sought by ELSS, Inc., a provider of quality substantive editing for over 10 years. Our clients are primarily Japanese researchers in all fields of scientific research. The Challenge is an opportunity to earn $5,000 Japanese yen in bonuses to each of up to five of the best-qualified plant science editors who submit applications before 31 December 2011. For more details, please see website: http://elss.co.jp/en.html.

ASSISTANT PROFESSOR of Bioinformatics at the Rochester Institute of Technology website: http://rit.edu/cos/lifesciences invites applications for a tenure-track position beginning August 2012. Applicants shall have a Ph.D. in Biology or a related field; preference will be given to applicants with postdoctoral experience.

The successful candidate will teach courses at the undergraduate and graduate level courses within the Bioinformatics program and the School of Life Sciences, and develop electives in his or her area of expertise. The candidate will be expected to develop an externally funded research program that involves undergraduate and graduate students and results in peer-reviewed publications.

Applicants for this position should apply online at website: https://mycareer.rit.edu. Search by IRC53418. Please upload your letter of interest, curriculum vitae, a statement of research plans and goals, a statement of teaching philosophy that includes teaching experience and course preferences, and four letters of reference. For full consideration, please submit your materials by 6 January 2012. Applications will be reviewed until the position is filled.

The Rochester Institute of Technology is an Equal Opportunity/ Affirmative Action Employer. All qualified individuals with the ability to contribute in meaningful ways to the university’s continuing commitment to its core values, honor code, and diversity statement are encouraged to apply.

THE AMERICAN UNIVERSITY OF BEIRUT

The Department of Biology

The Biology Department at the American University of Beirut is seeking to fill three ASSISTANT PROFESSORSHIPS in the areas of (1) plant biology with special interest in plant ecology or plant cell and molecular biology; (2) population genetics with special interest in evolution or bioinformatics; (3) microbiology with special interest in environmental microbiology or molecular microbiology. Appointments are to begin September 15, 2012. Appointments at higher rank will be considered. Applications will be accepted until January 15, 2012.

For more information, visit our website: http://www.aub.edu.lb/fas.

The American University of Beirut is an Equal Opportunity Employer.

FACULTY POSITION in Analytical Chemistry

The American University of Beirut

The Department of Chemistry at the American University of Beirut solicits applications to fill a non-tenure-track position at the rank of ASSISTANT PROFESSOR in the area of analytical chemistry. Higher ranks could also be considered depending on qualifications. The deadline to receive applications is January 15, 2012. For more information, please visit our website: http://www.aub.edu.lb/fac.

The American University of Beirut is an Equal Opportunity Employer.

ELINGS PRIZE FELLOWSHIPS in Experimental Science

The California Nanosystems Institute (CNSI) at the University of California–Santa Barbara is pleased to announce the 2011–12 competition for the Elings Prize Fellowships in Experimental Science.

The Elings Prize POSTDOCTORAL FELLOWSHIPS provide a salary of $60,000/year for two years, renewable for third, with benefits and research funds. Applicants must indicate with which CNSI-associated experimental group(s) they will pursue research. See website: http://www.cnsi.ucsb.edu/fellowships.

Applicants holding a Ph.D. in science or engineering should submit a cover letter, curriculum vitae, a one-page research proposal, and arrange for three supporting letters, all submitted via the website: https://fellow.cnsi.ucsb.edu by January 31, 2012.

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

FACULTY POSITIONS in Neuroscience

Michigan State University

The interdisciplinary Neuroscience Program at Michigan State University (MSU) website: http://neuroscience.msu.edu/ in collaboration with the departments of Biochemistry and Molecular Biology, Microbiology and Molecular Genetics, Physiology, Pharmacology and Toxicology and Zoology is seeking applications for two tenure-track ASSISTANT PROFESSOR faculty positions. All areas of neuroscience will be considered but we are particularly interested in candidates who use cellular and molecular approaches to studies of neural plasticity and development, learning and memory, motivation and reward, or metabolic regulation or who add to our existing strengths in autonomic neuroscience, neurodegeneration, and behavioral neuroendocrinology. The applicant should hold a Ph.D./M.D. degree or equivalent in a neuroscience-related field, and have productive research experience. These positions are part of an expansion of the Neuroscience Program that involves development of an undergraduate major in Neuroscience, which includes two additional and complementary positions in the Department of Psychology. Successful applicants will be jointly appointed in the Neuroscience Program and one of the collaborating departments. Successful applicants will also be expected to establish a productive, extramurally funded research program and contribute to the teaching and service missions of the Neuroscience Program and the home department. There is excellent support for research collaborations across departments. A competitive startup and compensation package will be offered according to the applicant’s experience and qualifications. To ensure full consideration, online applications (website: https://jobs.msu.edu #54701) including a letter of interest with a statement of commitment to diversity, curriculum vitae, a summary of interests and plans, funding history and teaching philosophy should be submitted by December 15, 2011 but the positions will remain open until filled. Applicants should also arrange to have three letters of recommendation sent as an e-mail attachment to Shari Stockmeyer (e-mail: stockmey@msu.edu) in the Neuroscience Program Office. Further information can be obtained from: Dr. James J. Galligan, Neuroscience Program Director, Gilmer Hall Room 108 Michigan State University East Lansing, MI 48824 e-mail: galliga1@msu.edu; telephone: 517-353-4776.

MSU is an Affirmative Action/Equal Opportunity Employer. MSU is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans, and persons with disabilities.
**Faculty Position in Cancer Research**

The Children’s Research Institute (CRI) at the University of Texas Southwestern Medical Center seeks applications for a 
tenure-track faculty position in Dallas, TX at the Instructor, Assistant Professor, or Professor level in the area of cancer biology. Outstanding investigators at any academic rank will be considered. Candidates must have a Ph.D., M.D. or equivalent degrees, a track record of outstanding research, and the ability to direct an independently-funded research program.

The UT Southwestern Medical Center has a distinguished history of excellence in disease-related basic science research. The CRI is a new institute dedicated to recruiting outstanding scientists dedicated to solving fundamental problems in human disease and to providing a dynamic, stimulating and highly collaborative scientific environment. Major areas of focus within the CRI will include stem cell biology and cancer in addition to metabolism.

Please submit a CV, a 2-page summary of past accomplishments and research plans, and ask three references to submit letters to Beth Morris at beth.morris@utsouthwestern.edu.

CRI is a collaborative venture with Children’s Medical Center of Dallas

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**Translational Biomedical Research Opportunity**

**Genomic Medicine/Bioinformatics**

Sigfried and Janet Weis Center for Research is seeking outstanding independent scientists with full-time research positions at ranks equivalent to Assistant, Associate or Full Professor in the areas of Genomics and Bioinformatics. The Weis Center is a basic and translational research facility of Geisinger Clinic located at Geisinger Medical Center (GMC) in Danville, PA.

**Genomic Medicine** is a strategic focus for translational research at Geisinger.

About the position:

- Experience in laboratory, computational, or statistical genetic approaches
- Expand ongoing research on the genetic basis of disease
- Proven records of innovative research with relevance to human disease
- Collaborative environment with collaborative research opportunities

**Geisinger Health System**’s advanced electronic medical record system and health information technology infrastructure allows for electronic capture of clinical data and large biorepository of patient specimens.

Technical resources include instrumentation for confocal, TIRF, and single cell fluorescence imaging, microarray analysis, genotyping, DNA sequencing, and flow cytometry, and an AAALAC-accredited animal facility. Substantial resources are available for start-up, ongoing research support and salary.

Qualified individuals should submit curriculum vitae, statement of research interests and three reference letters to Ms. Kristin Gaul, Weis Center for Research, Geisinger Clinic via email (kgaul@geisinger.edu). Please refer to position WCR-3638 in the subject line. Applications will be accepted until the positions are filled.

For more information on research programs at Geisinger visit our website at http://www.geisinger.org/professionals/research/wcr.

**UT Southwestern is an Equal Opportunity/Affirmative Action Employer.**

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**Faculty Position in Metabolism Research**

The Children’s Research Institute (CRI) at the University of Texas Southwestern Medical Center seeks applications for a 
tenure-track faculty position in Dallas, TX at the Instructor, Assistant Professor, or Professor level in the area of metabolism and disease. Outstanding investigators at any academic rank will be considered. Candidates must have a Ph.D., M.D. or equivalent degrees, a track record of outstanding research, and the ability to direct an independently-funded research program. Areas of specific interest for this position include metabolomics, metabolic flux analysis, mitochondrial biology and other areas of metabolism relevant to human health and development. In addition to analytical equipment dedicated to the investigator’s studies, CRI members will also have access to a metabolomics core housing instrumentation for ultra-high pressure liquid chromatography, triple-quadrupole mass spectrometry and gas chromatography/mass spectrometry. NMR spectroscopy, 3C dynamic nuclear polarization, a human 7-Tesla MRI and a state-of-the-art mouse metabolic phenotyping facility are also available on campus to provide an unparalleled breadth of metabolic analysis.

The UT-Southwestern Medical Center has a distinguished history of excellence in disease-related basic science research. The CRI is a new institute dedicated to recruiting outstanding scientists dedicated to solving fundamental problems in human disease and to providing a dynamic, stimulating and highly collaborative scientific environment. Major areas of focus within the CRI will include stem cell biology and cancer in addition to metabolism.

Please submit a CV, a 2-page summary of past accomplishments and research plans, and ask three references to submit letters to Beth Morris at beth.morris@utsouthwestern.edu.

CRI is a collaborative venture with Children’s Medical Center of Dallas

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**Max Planck Institute for the Physics of Complex Systems**

The Max Planck Institute for the Physics of Complex Systems (MPIPKS) seeks one

**Distinguished PKS Postdoctoral Fellow**

The successful candidate will complement research areas pursued at the institute and conduct independent studies e.g. in the following theoretical research fields: Ultracold gases, attosecond physics, molecular electronics, correlated electrons and magnetism, quantum information theory, statistical physics far from equilibrium, nonlinear dynamics, biological physics of cells and tissues. Novel directions with promising perspectives are also welcome.

The position can start by April 2012, or any later date that year.

Further details of research opportunities can be found on our web-site: http://www.pks.mpg.de.

The appointment is typically for two years, renewable for one more year. Please send an application package (one pdf file containing cover letter, CV, list of publications and research proposal) to visitors@pks.mpg.de, and mention PKSPHDDOC both in the subject of the e-mail and in the cover letter. Please also arrange for three letters of reference to be sent directly to visitors@pks.mpg.de

Application deadline is January 31, 2012.

The Max Planck Institute aims to increase the number of women in scientific positions. Female candidates are therefore particularly encouraged to apply. In case of equal qualifications, candidates with disabilities will take precedence.
The National Institutes of Health is Recruiting “Lasker Clinical Research Scholars”

The National Institutes of Health, the nation’s premier agency for biomedical and behavioral research, in partnership with the Lasker Foundation, is pleased to announce the Lasker Clinical Research Scholars Program.

The Lasker program supports a small number of exceptional clinical researchers in the early stages of their careers to promote their development as independent investigators. This unique program provides Scholars with 5-7 years of support as an independent principal investigator in the NIH Intramural Research Program (IRP), followed by the opportunity for additional years of financial support, either at the NIH or at an extramural research institution.

The IRP is home to approximately 1,200 tenured and tenure-track investigators and 5,000 trainees. The environment encourages and supports innovative, high-impact research. IRP scientists focus primarily on their research with ample opportunities to mentor and train outstanding fellows at all levels. Lasker Scholars will be offered competitive salaries commensurate with experience and qualifications, and will be provided research space, supported personnel positions and a research operating budget. Scholars will have access to the NIH Clinical Center, the nation’s largest hospital devoted entirely to clinical research.

The program honors the contributions of Mary and Albert Lasker to the National Institutes of Health and to the overall biomedical community. The Lasker Foundation will provide Scholars with the opportunity to participate in selected activities.

Qualifications/eligibility: Candidates must have an MD, MD/PhD, DO, DDS, DMD, RN/PhD, or equivalent clinical doctoral degree from an accredited domestic or foreign institution and must have a professional license to practice in the United States. The program is intended for investigators at the early stages of their careers, and at the time of application, candidates must be no more than 10 years from completion of their core residency training. Applicants generally will have completed or be completing a post-residency clinical fellowship and will have demonstrated significant patient-oriented research experience to qualify for a tenure-track level appointment. Applicants do not have to be US citizens or permanent residents, although selected Scholars must qualify for and maintain appropriate visa/residency status throughout the program.

The NIH and the Lasker Foundation recognize a unique and compelling need to promote diversity in the clinical research workforce to improve the nation’s capacity to address and eliminate health disparities. The NIH encourages applications from talented researchers from diverse backgrounds underrepresented in biomedical research, including underrepresented racial and ethnic groups, persons with disabilities and women.

How to apply: Application details are provided in NIH RFA-OD-12-001, available at http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-12-001.html. The application will include a research proposal and submission of four letters of reference. A Letter of Intent is requested by December 23, 2011, and the deadline for a full application is January 24, 2012. Applicants must obtain a valid Dun and Bradstreet Universal Numbering System (DUNS) number in order to submit their application. Applicants will also need to register with the NIH eRA Commons. We recommend that applicants initiate these registration processes at least four weeks prior to the application due date.

What to expect: Applications will be reviewed for technical and scientific merit by a peer review group of extramural scientists, convened by the NIH Center for Scientific Review. The highest-rated candidates will then be reviewed by a panel of IRP senior investigators, to evaluate the appropriateness of the proposed research for the intramural research program. Selected candidates will be invited to the NIH campus for interviews and to present a seminar. The positions will be available starting in Fall, 2012. The NIH expects to make at least 3 Lasker Scholar awards, ultimately reaching a steady-state of 20-30 active awardees.

Additional information is available at the Lasker Scholar website, http://www.nih.gov/science/laskerscholar. Questions regarding this recruitment effort may be directed to Charles R. Dearolf, Ph.D., Assistant Director for Intramural Research, e-mail LaskerScholar@nih.gov.

DHHS and NIH are Equal Opportunity Employers.
Jefferson Science Fellowship

The National Academies is pleased to announce a call for nominations and applications for the 2012 Jefferson Science Fellows program. Initiated by the Secretary of State in 2003, this fellowship program engages the American academic science, technology, engineering and medical communities in the design and implementation of U.S. foreign policy.

Jefferson Science Fellows (JSF) spend one year at the U.S. Department of State or the U.S. Agency for International Development (USAID) for an on-site assignment in Washington, D.C. that may also involve extended stays at U.S. foreign embassies and/or missions.

The fellowship is open to tenured, or similarly ranked, academic scientists, engineers and physicians from U.S. institutions of higher learning. Nominees/applicants must hold U.S. citizenship and will be required to obtain a security clearance.

The deadline for 2012-2013 program year applications/nominations is January 13, 2012. To learn more about the Jefferson Science Fellowship and to apply, visit the JSF web at: www.nas.edu/jsf

THE NATIONAL ACADEMIES
Advisers to the Nation on Science, Engineering, and Medicine

Glenn Foundation Doctoral Student Fellowships in the Biology of Aging

The Barshop Institute for Longevity and Aging Studies at the University of Texas Health Science Center at San Antonio will award two Glenn Foundation Doctoral Student Fellowships to graduate students entering the 2012 academic year who are committed to studying the Biology of Aging. Each fellowship will provide students with a $35,000 annual stipend (plus paid tuition, fees, and health insurance) for the four years of their doctoral program. Glenn Foundation Fellowship recipients also receive an extra $33,000 for travel and an independent research project in the final years of their doctoral program. For eligibility, criteria and application details, access www.barshop.uthscsa.edu. Application deadline is March 12, 2012.

All fellowships are designated as security sensitive positions.

The University of Texas Health Science Center at San Antonio is an Equal Opportunity/Affirmative Action Employer.

Joint Appointment at Columbia University and The University of Glasgow for a Tenure-Track Assistant/Associate Professor for Human Genetics (in Medicine)

Columbia University and The University of Glasgow are inviting applications for a tenure track geneticist to develop an independent research program for investigation of cardiovascular, renal or metabolic syndrome traits. The goal of the position is to develop an outstanding human genetics research program that will take advantage of existing patient populations and infrastructure at both institutions and in the long term, translating findings into individualized medicine. This position will have laboratory resources in both New York, USA and Glasgow, Scotland. The applicant will be expected to develop and direct research teams at each institution and foster collaboration between the sites.

Research opportunities exist from collaborations within large scale DNA and biobanked populations at each institution. The position will have ready access to state of the art core facilities at both institutions, including a genotyping, DNA sequencing, and proteomics cores, as well as bioinformatics and statistical support.

Applicants should possess an M.D. and/or Ph.D., and advanced training in the field of human genetics, genetic epidemiology and/or statistical genetics, bioinformatics, systems biology. Applicants are expected to demonstrate a record of significant achievements in research, and excellent publication history, and ability to work in a multidisciplinary environment.

The successful candidate will be offered a competitive salary commensurate with experience and qualification. This position will be located in both New York, NY and Glasgow, Scotland. Appointees may be US or EU citizens, resident alien, or non-resident aliens with or eligible to obtain a valid employment visa in the United States and European Union. Please submit a curriculum vitae and brief statement of research interests along with three letters of reference to online application link: academicjobs.columbia.edu/applicants. Search under dept: Medicine.

PROFESSOR AND FOUNDING CHAIR
DEPARTMENT OF PUBLIC HEALTH SCIENCES

The Medical University of South Carolina College of Medicine invites applications and nominations for the position of PROFESSOR AND FOUNDING CHAIR of its new Department of Public Health Sciences. Applicants must possess an MD and/or PhD with a background in the public health field. The successful candidate also will have administrative experience, strong leadership skills, an outstanding track record of extramural funding and accomplishment in research, and a commitment to education and academic excellence.

This new department, which is being formed as a result of the College of Medicine’s recent research strategic planning process, has been approved by the institution’s Board of Trustees and will be established concurrent with the recruitment of the Founding Chair. The selected individual will report directly to the Dean of the College of Medicine. The new Chair will be expected to help define the vision for the new department and to conduct recruitments necessary to complement and build upon existing institutional strengths, which include robust research programs in Biostatistics and Epidemiology.

The Medical University of South Carolina is in the midst of an exciting period of growth with recent NCI designation for the Hollings Cancer Center, a CTSA award, two new research buildings, and new clinical outreach facilities under construction. This is an outstanding opportunity for the right candidate in a city known for its enviable quality of life. Nominations and inquiries may be directed to Kathleen Brady, MD, PhD, Chair, Public Health Chair Search Committee, in care of Cathy Martin at martinc@musc.edu.

Interested individuals should submit a letter of interest, curriculum vitae, and the names and contact information of three references via the MUSC employment website at https://www.jobs.musc.edu, requisition ID#047841. Review of applications will begin on January 9, 2012.

MUSC is an Equal Opportunity Employer, promoting workplace diversity.
STATE-OF-THE-ART LABORATORIES OVERLOOKING THE RED SEA

The complexity, diversity, and mystery of the Red Sea provide massive potential for breakthrough science. Located on the shores of the Red Sea, King Abdullah University of Science and Technology is leading fundamental and integrated research from the molecular level to the physical and chemical environment in which the whole ecosystem exists. The Red Sea is home to several different extreme environments such as deep brines and cold seeps, as well as warm deep-water and hypoxic layers. The Red Sea also contains the longest coral reef system in the world. With state-of-the-art facilities, the Red Sea Research Center (RSRC) is paving the way for leading-edge research into these ecosystems.

FACULTY POSITIONS
We seek creative and independent scientists with specific interests in Biological Oceanography, Marine Biology/Marine Ecology, and Genomics. Colleagues are invited to join our faculty at the Assistant, Associate, or Full Professor level with expertise in areas of:

- Extreme Environments Biology
- Benthic Ecology

MASTER'S PROGRAM
Undergraduate students interested in the University's Marine Science MSc program are also invited to apply. The general scholarship program of the University is the KAUST Fellowship and all students are evaluated for financial support under the KAUST Fellowship. When awarded, the scholarship supports students for the duration of their graduate studies. Benefits include:

- Full tuition support
- Monthly living allowance ($20,000 annually)
- Housing
- Medical and dental coverage
- Relocation support

Faculty and master's program applications should be sent to:
Marine.Science@kaust.edu.sa
Please include your CV, a cover letter, and two letters of reference.

King Abdullah University of Science and Technology is an international, graduate-level university committed to advancing science and technology through transdisciplinary research, education, and innovation. The University's unique matrix structure supports both basic and goal-oriented research in the globally significant areas of energy, water, food, and environment to benefit Saudi Arabia and beyond.
INaugural Head, Department of Biomedical & Molecular Sciences
School of Medicine, Faculty of Health Sciences

Applications and nominations are invited for the position of Head of the Department of Biomedical and Molecular Sciences at Queen's University in Kingston, Ontario. For this tenured position, we are searching for an outstanding academic with proven leadership and administrative skills. The ideal candidate will be an innovative, visionary thinker who has experience in inter-disciplinary environments, demonstrated excellence in teaching and curriculum development, and a well-established and independent research program that has made internationally recognized contributions to scholarship. A PhD, MD or equivalent is required and proven fundraising success is considered to be an asset. As Head, the successful candidate will draw on strong interpersonal and organizational skills to develop and manage newly merged teams in their efforts to foster excellence in research and teaching at all levels of undergraduate and graduate education within the Department.

The Department of Biomedical and Molecular Sciences is a single academic unit that was recently formed through the amalgamation of the five basic science departments of Anatomy and Cell Biology, Biochemistry, Microbiology and Immunology, Pharmacology and Toxicology, and Physiology. Further information may be obtained by visiting the Department’s web site at http://meds.queensu.ca/departments/biomedical_molecular_sciences. Applications and nominations are to be directed to: Dr. R.K. Reznick, Chair of the Search Committee, c/o Mrs. Gail Knutson, Faculty of Health Sciences, Macklem House, Queen's University, 18 Barrie Street, Kingston, Ontario, Canada, K7L 3N6. Electronic submissions can be forwarded to gail.knutson@queensu.ca. Interested applicants are to include a cover letter summarizing their leadership and administrative experience and vision for the future of the Department, a curriculum vitae, and the names and contact information of three referees. Nominations are to include a brief rationale for suggesting the individual. Review of submissions will commence in mid-January 2012 and will continue until the position is filled.

At Queen's, located in the historic City of Kingston, midpoint between Montreal and Toronto, and a pleasant drive from the nation's capital, the pursuit of excellence is all about making the world a better place. Queen's University is consistently ranked as a leader in Canadian post-secondary education and research, and, attracting the very best students and faculty, we aspire to become a global leader in these areas. We educate our students to become citizens for a global society, we foster an academic environment of discovery, and we provide opportunities for innovative, meaningful careers.

www.hr.queensu.ca

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal Peoples, persons with disabilities, and persons of any sexual orientation or gender identity. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The academic staff at Queen's are governed by a collective agreement between the Queen's University Faculty Association and the University which is posted at www.queensu.ca/provost/faculty/profassociations/qaifa/collectiveagreement.html and at www.quifa.ca.

The University is committed to equality of opportunity in employment. The University of Glasgow, charity number SC004401.

www.glasgow.ac.uk

College of Medical, Veterinary and Life Sciences
Gardiner Chair of Biochemistry

Salary Negotiable
Ref: 001069

The Institute of Molecular, Cell and Systems Biology in the College of Medical, Veterinary and Life Sciences at Glasgow University is seeking to appoint a Professor to the Gardiner Chair of Biochemistry, which is the senior named Chair in Biochemistry. Applications are invited from candidates of international standing with an appropriate record of academic achievement in any area of Biochemistry in the broadest sense. Applicants with research activities involving synthetic biology, protein crystallography, gene regulation or cell signalling are especially encouraged. There is also the additional possibility of filling the Cathcart Chair of Biochemistry should this be warranted. The Institute provides a vibrant research environment and strongly encourages multidisciplinary research.

Informal enquiries may be made to Professor Richard Cogdell FRS, Director, Institute of Molecular, Cell and Systems Biology. Tel: +44 141 330 4232, Email: Richard.Cogdell@glasgow.ac.uk

Apply online at www.glasgow.ac.uk/jobs

Closing date: 29 February 2012.
The Leibniz Center for Tropical Marine Ecology and the University of Bremen invite applications for three joint professorships (tenure as W2 University Professor)

Tropical coastal ecosystems are highly productive habitats with increasing ecological and economic importance. The Leibniz Center for Tropical Marine Ecology (ZMT) is dedicated to the study of these ecosystems and the services they provide to human society. The mission of ZMT is therefore the investigation of tropical marine ecosystems, their resources, their sensitivity and the responses to natural environmental changes and human interactions. The aim of ZMT is to develop concepts for integrated coastal zone management based on the scientific analysis of tropical ecosystems in their complexity. To address this topic, ZMT is designed as trans- and interdisciplinary institute.

Since joining the Leibniz Association in 2009, ZMT has been expanding its expertise spectrum. As part of this process, three new professorships will be established in cooperation with the University of Bremen for which we seek outstanding researchers. Candidates should be renowned for their scientific expertise and strong research profile. They need to commit to the mission of the ZMT combined with exceedingly relevant contributions to the program of the institute. For this purpose, the ability to work on an interdisciplinary level between natural and social sciences is ideally combined with field experience in tropical countries. Already existing active research contacts to tropical countries are an asset; the willingness to work abroad together with partners in the tropics is a prerequisite for the appointments. Furthermore, experience and strong potential in the acquisition of third party funded projects is highly important.

1) Professorship in Ecotoxicology (W2)

Rapid population growth increases the pressures on tropical ecosystems resources. The indirect consequences include the rising influx of pollutants via rivers in the ecosystems, leading to the need of analyzing and evaluating the influence of these substances on the functionality of the ecosystem services and on aspects concerning food security. The identification of contaminants, their cycling in the ecosystem, and the effects on organisms and societies are of increasing importance, in particular in developing countries.

The successful candidate is expected to establish a working group that deals with tracking chemical stressors within the three most important tropical marine ecosystems (mangroves, sea grass and coral reefs) in the context of ecosystem management and ecological risk management. Therefore, a strong expertise in chemical analyses is essential. Scientists from neighbouring research fields including aquatic toxicology and geochemistry are also invited to apply.

2) Professorship in Marine Plant Ecology (W2)

Mangrove forests and sea grass meadows fulfill many important ecological and societal functions: They provide coastal protection, act as filters for sediments and pollutants, provide habitat for organisms that are important food resources for the coastal population, serve as CO2 storage, and are therefore of global importance.

For this position we seek a candidate who ideally has research experience in the ecology and physiology of mangroves and/or sea grass ecosystems. Even more important is the ability to develop innovative ecophysiological research concepts for these ecosystems that contribute to the mission of ZMT. The successful candidate is expected to design and conduct research both in the field and in the ZMT Marine Experimental Ecology facility (MAREE) that offers the unique opportunity to conduct supplementary experiments under controlled tropical conditions. Experience in acquiring third-party funding is mandatory.

3) Professorship in Social Sciences (W2)

Humans are intimately involved in the status and development of most coastal areas of the modern world. Therefore, ZMT looks for an innovative researcher, who provides additional perspectives for understanding the sustainable governance of marine and coastal resources. Currently, in the Social Science Department, the ZMT has a Social-Ecological Systems Group and an Institutional and Behavioral Economics Group. The new professor should complement the existing approaches with new views and ideas, igniting synergies with the current ZMT perspectives. ZMT focuses on the empirical and theoretical study of small-scale dynamics of social-ecological interactions on the scale of individuals and small societal groups. The successful candidate is expected to complement and strengthen this approach especially in the field of ecosystem services and their relation to human actions.

The new professor should have experience in analyzing marine coastal issues, preferably in tropical areas. It is important that the successful candidate is regionally flexible and has strong achievements and experiences in methodology and theory.

Inquiries to all three positions can be directed to the director of ZMT, Prof. Dr. H. Westphal, e-mail: hildegard.westphal@zmt-bremen.de

Applicants must have the necessary formal qualifications as set out in § 18 of Bremisches Hochschulgesetz (BremHG) and are expected to participate in teaching (2 SWS). Proficiency in English is mandatory.

The members of the Leibniz Association and the University of Bremen offer a family-friendly working environment. They strongly encourage women with appropriate qualifications to apply for the positions. Women with equivalent qualifications, competence and expertise will be given preference.

The state government, ZMT and the University support the employment of disabled persons. Persons with disabilities will, with appropriate qualifications and aptitudes, be employed preferentially.

Applications, including a curriculum vitae, qualifying documentation (publications, evidence of external funding, teaching experience) and a short research and teaching plan should be submitted – preferentially by email in a single pdf-file - to the address below. Closing date is 6. January 2012. The postal address for all applications is:

Leibniz-Zentrum für Marine Tropenökologie GmbH, z.H. Frau Isabel Sanz Jannke, Fahrenheitstrasse 6, 28359 Bremen, Germany e-mail: isabel.sanz.jannke@zmt-bremen.de, Homepage: www.zmt-bremen.de
The Interdisciplinary Stem Cell Institute (ISCI) at the University of Miami, Miller School of Medicine is seeking a Director of Experimental and Clinical Cell-Based Therapies for a tenure track position at the Associate Professor level. ISCI was established in 2008 to capitalize on pioneering work in the use of adult stem cells for the repair of malfunctioning human organs. The mission being to find new treatments for heart disease, neurological disease, bone disease, diabetes, cancer, eye diseases and other chronic, debilitating, or incurable diseases. University of Miami scientists have led in the development of procedures to extract adult stem cells from bone marrow, and have conducted groundbreaking research in cell-based therapy for the diseased human heart. The Interdisciplinary Stem Cell Institute offers a unique and highly productive environment, with outstanding resources.

Reporting to the Director of the Interdisciplinary Stem Cell Institute, this position will oversee all aspects of laboratory management and operations within the different functional groups of a state-of-the-art cGMP analytical laboratory. This position will be responsible for ensuring that productivity, efficiency and quality of the work is maintained and financial objectives of the cGMP business are achieved. The Director has the responsibility of the entire cGMP analytical testing laboratory and will oversee daily operations of the laboratory in the QC, method development/validation and GMP support areas to ensure compliance to SOPs and policies, as well as, timelines and needs are met.

The Director will also have the potential to maintain an independent research program to address basic and translational issues in stem cell biology and cell-based therapies. Applicants should have an M.D. and/or Ph.D. degree, experience managing cGMP laboratory operations, an established track record of research, and a strong dedication to collaborative and multidisciplinary work. Interested candidates should send a copy of the curriculum vitae and a brief letter outlining their interests to:

Joshua M. Hare, M.D.
Louis Lemberg Professor of Medicine
Director, Interdisciplinary Stem Cell Institute
University of Miami, Miller School of Medicine
Biomedical Research Building / Room 824
P.O. Box 016960 (R-125)
Miami, FL 33101

Closing Date: 6 January 2012
**Stem cells and cellular phenotyping programme**

**Faculty positions and Head of Operations role**

The Welcome Trust Sanger Institute, based south of Cambridge, is one of the world’s leading genomic research centres funded primarily by the Wellcome Trust. Our mission is to use genome sequences to advance understanding of the biology of humans and pathogens in order to improve human health.

The Institute conducts research in four thematic areas – human genetics, pathogen genetics, model organism genetics and informatics. Building on its expertise in the genetic manipulation of ES cells and the production of iPS cells, we are developing plans for a new scientific programme in stem cells and cellular phenotyping [SCCP]. The programme will have two major components - a resource of stem cells/iPS cells and a high throughput cellular phenotyping platform. The new platform will sit alongside our established large scale experimental pipelines as part of an extensive scientific infrastructure including sequencing, genotyping, sample management, large scale PCR and others which support and drive numerous projects both internally and externally.

Scientific leadership, technical expertise and operational excellence will be needed to realise the vision of this high profile strategic initiative and we therefore wish to bring the best possible team together. We will be recruiting at a number of levels during the coming months – faculty, technology experts and senior operational managers. Our initial focus is on establishing the complex infrastructure and implementing a fully operational pipeline. This in turn will bring scientific opportunities and new lines of enquiry by allowing us to assess the impact of genetic variation at the cellular level in health and disease.

At this time we are inviting applications for the following positions:

**Faculty positions at senior and entry level (ref. 81056)**

We are seeking outstanding scientists with interests in reprogramming of cells to iPS cells, differentiating pluripotent cells to somatic tissues and/or engineering of stem cells. Individuals with broad interests in these technologies and their application to the development of cellular models are encouraged to apply.

For further information on Sanger faculty positions and salaries, and for information on how to apply, go to [http://www.sanger.ac.uk/workstudy/career/faculty/](http://www.sanger.ac.uk/workstudy/career/faculty/). General enquiries can be directed to facultysearch@sanger.ac.uk. For informal discussion, contact Mike Stratton mrs@sanger.ac.uk.

**Head of Operations (ref. 81041)**

A senior facility manager with an excellent track record of operational scientific, project and people management to work with the senior management team to set up and run this important new high throughput facility. For further details [https://jobs.sanger.ac.uk](https://jobs.sanger.ac.uk)

**Closing date for applications: 6th January 2012**

We offer a comprehensive range of benefits including a final salary pension scheme and excellent on-site facilities.

**Applications for all roles should only be made through our on-line recruitment facility [https://jobs.sanger.ac.uk](https://jobs.sanger.ac.uk)**

You can also follow our job postings on twitter [http://twitter.com/sangerinstjobs](http://twitter.com/sangerinstjobs)
Tenure-Track Positions
Dept. of Molecular and Cell Biology

As part of a multi-year faculty hiring initiative to grow the Department of Molecular and Cell Biology at The University of Texas at Dallas, the Department invites applications for tenure-track positions in emerging areas of biological sciences. We have two immediate openings for individuals who can contribute to one or several areas of strength in the department: (i) chemical biology and biophysics, (ii) eukaryotic cell biology (including imaging), (iii) microbiology, (iv) neurobiology and (v) systems and computational biology. Successful candidates are expected to establish and maintain a vigorous, independent, externally-funded research program, and contribute excellence in undergraduate and graduate education. Candidates must have a Ph.D. or equivalent degree and relevant post-doctoral experience. Preference will be given to currently funded investigators and to those whose research has immediate potential for funding. A generous start-up package and excellent research facilities are available.

Review of applications will begin immediately and will continue until all positions are filled.

Applicants should submit a cover letter explaining their interest in the Department, a curriculum vitae that includes honors, publications, a succinct research plan and statement of teaching interests via the online application form available at http://go.utdallas.edu/pnj110113 To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload their recommendation letters as part of the application portfolio.

The University of Texas at Dallas is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, citizenship status, Vietnam era or special disabled veteran's status, or sexual orientation.

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Tenure Track Position (Biochemistry or Molecular Genetics)
Kochi Medical School, Kochi, JAPAN

1. Number of Tenure Track Position Available and Research Fields
   One designated assistant professor in the Biochemistry or Molecular Genetics fields.

2. Qualifications
   (1) Those who have research career within ten years after taking a doctoral degree as of April 1, 2012.
   (2) Possess skill, knowledge or experiences to carry out research on areas of Biochemistry or Molecular Genetics.
   (3) Have a good enthusiasm and knowledge for the guidance and training of researchers.
   (4) Have the ability at communicating in English.

3. Term of the Appointment
   From the earliest possible time after March 1, 2012 to February 28, 2017.

4. Research Funds, Environment and Support System
   Research Funds (including Start-up Fund and others), arrangement of a mentor, and others.

5. Duration of Registration
   Closing date for submission of application documents:
   5:00 pm on Fri., January 20, 2012 (Japan Standard Time).

6. Selection Schedule
   (1) First screening (review of documentation)
   (2) Second screening (interviews)
   (3) Contact Information for Application Submissions and Inquiries
      Personnel, General Coordination and Planning Division, Bureau of hospital, Kochi Medical School
      E-mail: i06@kochi-u.ac.jp

Please refer to our homepage [http://www.kochi-u.ac.jp/JA/gakubu/kyokanbo.html] for further information on the project.
TENURE-TRACK POSITIONS in Eye and Vision Research

The Medical College of Wisconsin Eye Institute invites applications for tenure-track positions at all academic ranks. A strategic goal of the recruitment is to build upon an already strong group of investigators on campus by adding research faculty in the Department of Ophthalmology. The area of eye and vision research is open, but scientists involved in retina-related research and those using in vivo imaging methods are especially encouraged to apply. For applicants at the ASSOCIATE or FULL PROFESSOR level, priority will be given to those with NEI funding.

The Medical College of Wisconsin is located in a suburban setting about seven miles west of downtown Milwaukee with easy highway access from all surrounding communities. The medical center group consists of faculty members in multiple departments with research in the biochemistry, biophysics, genetics, cell, and molecular biology of the retina and anterior segment.

Applications (in PDF format) and inquiries should be sent electronically to the Search Committee (e-mail: searchcommittee@mcw.edu). Please include a cover letter, statement of research interests, and curriculum vitae including a complete list of publications. Applicants at the level of Assistant Professor must provide three letters of reference sent electronically to at the level of Assistant Professor should also tae including a complete list of publications. Appli-

ter, statement of research interests, and curriculum

The University of Utah values candidates who have experience working in settings with students from di-

versity of Utah HSC values candidates who are committed to

involves applications for tenure-track positions at all aca-

acute of the University of Utah Health Sciences Center.

The University of Utah Health Sciences Center (HSC) is a patient focused center distinguished by col-

which includes a criminal background check. The University of

hensive, which must be submitted online at website: http://FacultyJobs.ua.edu. Applicants should also have three letters of reference sent to e-mail: smjones@as.ua.edu or mailed to: Anatomy Instructor Search Committee, University of Alabama, Department of Biological Sciences, Box 870344, Tuscaloosa, AL 35487-0344. Before any offer of employment is made, the Uni-

levy a roundtable discussion that looks at the various career options open to scientists and strategies you can use to pursue a nonresearch career.

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