The Genome Sciences Resource (GSR) at Vanderbilt University Medical Center (VUMC) seeks to recruit a new DIRECTOR of Core Operations. The Director will be responsible for continuing the rapid development of a complex research shared resource, overseeing all aspects of both Sanger and high throughput DNA sequencing technologies. The Director will be charged with ensuring the coordination and effective operation of a fee-for-service core facility that includes, but is not limited to deep and standard sequencing, microarray and hybrid capture technologies and associated bioinformatics workflows. Additional responsibilities include coordination of projects and supervision of both technical and administrative staff. The Director is expected to proactively monitor technological development and to work with faculty stakeholders and technical specialists to ensure that Vanderbilt researchers receive state-of-the-art service from the GSR. The Director will work closely with the GSR faculty oversight committee and the Office of Research, and will interact routinely with Vanderbilt investigators, research leadership, administrative personnel overseeing general core facility operations, as well as other key academic and industry collaborators.

This position requires a Ph.D. in molecular biology or related field and extensive experience in a relevant area. The ideal candidate will have demonstrated record of leadership in the application and/or development of genomics technologies. Highest priority will be given to candidates with experience in scientific and administrative management of genomics-related core facilities, and with a proven ability to develop and implement goals, objectives, policies, procedures, and budgets as well as review of research proposals. Strong organizational, interpersonal, and writing skills, the ability to work well in a team environment, and well-developed analytical skills are required.

The GSR plays a key role in enabling research conducted in the fields of Personalized Medicine and Translational Research, and the Vanderbilt University Medical Center is well-recognized as a leader in these and other areas of discovery. Vanderbilt is committed to providing the resources needed to continue the development of new technologies for the GSR. Vanderbilt was recently ranked 12th on The Scientist’s 2010 Best Places to Work in Academia list (U.S. locations), and in 2009 became the first educational institution to ever be ranked in the Fortune Top 100 Places to Work rankings. Complete applications should include curriculum vitae, reprints of recent publications, and contact information for three references.

Application materials should be sent electronically as a single PDF file to the attention of Susan Meyn in the VUMC Office of Research at e-mail: smeyn@vanderbilt.edu. Vanderbilt University Medical Center is strongly committed to diversity in attracting qualified candidates to fill this position and is an Affirmative Action/Equal Opportunity Employer.
Colleges of Science & Engineering and Medical, Veterinary & Life Sciences

The University of Glasgow, established in 1451, is a member of the UK’s Russell Group of leading universities. The University is committed to enhancing its position as one of the world’s great, broad-based, research-intensive universities. Central to our strategic development plan, ‘Glasgow 2020: A Global Vision’, the University has created 21 senior positions in the newly established Colleges of Science & Engineering and of Medical, Veterinary & Life Sciences. Some of these positions will cross traditional subject boundaries to lead cross-College themes including energy, biomedical engineering and health & wellbeing.

We seek applications from world-leading academics, in a broad range of disciplines, who will help shape the future of the University. You will be an established scholar with an outstanding international reputation, proven excellence in attracting competitive research funding, and the ability to innovate and lead change across all aspects of research and learning. For candidates of appropriate stature, the Chairs will be named.

School of Chemistry:
Chair of Chemistry Ref: E20031
To conduct world-class research in Chemistry while fostering multi-disciplinary collaborations with scientists of other fields and to provide academic leadership in the School. We would especially welcome applications from materials chemists working on energy applications for one of the posts.

School of Engineering:
Chair of Structural Engineering Ref: E20018
A candidate of appropriate stature and reputation will be considered for appointment to the Regius Chair of Civil Engineering. This post was created by Queen Victoria in 1840 and was the first University Chair in Engineering to be established in the UK.

Chair of Energy Engineering Ref: E20019
A candidate of appropriate stature and reputation will be considered for appointment to the prestigious Rankine or Mechan Chair.

Chair of Biomedical Engineering Ref: E20020
To lead a new research theme in one of the UK’s leading Centres in Biomedical Engineering in, for example, rehabilitation engineering, regenerative technologies, neurotechnologies, functional imaging or signal processing.

Halcrow Chair of Transportation Ref: 00113-2
To establish a new Transportation group at the University of Glasgow, following investment from the Halcrow Group.

School of Mathematics and Statistics:
Applied Mathematics - George Sinclair Chair Ref: 00116-4
To provide leadership in Solid Mechanics, or a related area of Applied Mathematics.

Chair of Statistics Ref: 00025-7
To provide leadership in Statistical Methodology in one of the UK’s top Statistics groups.

School of Physics and Astronomy:
Reader/Chair in Experimental Physics Ref: E20027
To lead a new research programme complementing the School’s existing strengths in Optical and Condensed Matter Physics, and/or linkage to University activities in Nanotechnology or Life Sciences.

School of Veterinary Medicine:
Head of School of Veterinary Medicine Ref: M00124
To lead the strategic development of the School of Veterinary Medicine across teaching, research and clinical provision.

Chair in Small Animal Orthopaedics Ref: M00125
To provide leadership in small animal orthopaedics and contribute to the School’s high quality research and research-led education.

Institute of Cancer Sciences:
Regius Chair of Surgery Ref: M00151
To lead an internationally competitive research programme in surgical oncology and provide academic leadership for Surgical disciplines and teaching activities related to Surgery.

Chair of Translational Cancer Research Ref: M00073
To develop a major research programme and to establish and lead the Translational Cancer Research Unit, as part of the strategic expansion in partnership with the Beatson Institute of Cancer Research.

Chair of Cancer Molecular Pathology Ref: M00133
To develop research in Cancer Molecular Pathology and provide leadership to the Molecular Pathology Unit as part of a strategic expansion in partnership with the Beatson Institute of Cancer Research.

Institute of Neuroscience and Psychology:
Chair of Cellular Signalling Ref: M00068
To lead a strategic inter-disciplinary initiative focusing on Cellular Signalling/Molecular Pharmacology.

Senior Lecturer/Reader/Chair of Formal Models of Cortical Networks Ref: M00075
To lead a major inter-disciplinary initiative jointly between the College of Medical, Veterinary & Life Sciences and the College of Science & Engineering focusing on modelling of oscillatory cortical networks.

Institute of Infection, Immunity and Inflammation:
Clinical/Non Clinical Senior Lecturer in Virology (x2) Ref: M00126 Ref: M0090
To lead a new research group in the area of chronic viral hepatitis based in the new MRC-University of Glasgow Centre for Virus Research.

Clinical Senior Lecturer in Inflammation/Rheumatology Ref: M00039
To lead a substantial clinical research group of strategic importance to the Institute and lead clinical service developments in a sub-speciality area of rheumatology practice.

Institute of Health and Wellbeing:
Director of the Institute of Health and Wellbeing Ref: M00138
To direct the new cross-College Institute of Health & Wellbeing between the College of Medical, Veterinary & Life Sciences and the College of Social Sciences, providing international leadership across multi-disciplinary research programmes.

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

If you are unable to apply online please contact us on 0141 330 3898 for an application pack, quoting appropriate reference.

Closing date: 12th April 2011.

www.glasgow.ac.uk
Lecturer (Confirmation Path)

Department of Pharmacology and Toxicology
Te Tari Panga Matua
Otago School of Medical Sciences

The Department of Pharmacology and Toxicology is seeking applications for a full-time, confirmation-path Lecturer. The successful candidate will have a Ph.D. or equivalent degree, appropriate postdoctoral experience, and the potential to establish a vigorous research program. They will also participate in undergraduate and postgraduate education, as well as the education of professional students.

Applicants with research interests in toxicology or cardiovascular pharmacology are particularly encouraged to apply. Candidates with expertise in molecular pharmacology, drug metabolism, bioinformatics or drug discovery would also be very suitable for this position. However, applications will be accepted from all candidates with a strong research background in any area of pharmacology or toxicology.

The appointee will be expected to successfully obtain external research funding, supervise postgraduate research students, and form collaborative links with research groups within the University of Otago as well as nationally and internationally.

Research in the Department is interdisciplinary with strengths in cardiovascular and renal pharmacology, neuroscience, neuropathic pain, hepatotoxicity, toxicology, cancer drug development and medicinal chemistry. Ideally, the successful candidate will be able to take up the appointment by September 2012, or earlier.

Specific enquiries may be directed to Associate Professor Rhonda J. Rosengren, Head of Department, Department of Pharmacology & Toxicology, Tel +64 3 479 9141, Fax +64 3 479 9140, Email rhonda.rosengren@otago.ac.nz

Applications quoting Reference Number A11/03 will close on Monday 7 February 2011.

APPLICATION INFORMATION
To see a full job description and to apply online go to: www.otago.ac.nz/jobs

The University of Tennessee Health Science Center (UTHSC)
is seeking a Vice Chancellor for Research to serve as a member of the Chancellor’s leadership team. Reporting to the Chancellor, this individual is responsible to lead efforts to build the research enterprise and infrastructure at UTHSC. The V.C. for Research will direct the development/implementation of UTHSC’s research strategy in keeping with the mission to move among the ranks of the top tier research institutions. The V.C. for Research is responsible for the promotion/facilitation of research interactions among colleges; enhancing extramural funding; formulating/maintaining university research policies and procedures; representing the institution to external funding organizations, government agencies and partner institutions; communicating research findings and activities to lay audiences; enhancing the research infrastructure to meet the needs of faculty, research staff, students and administrators; and developing a comprehensive research compliance program including, but not limited to, performing risk assessment. The V.C. for Research will also advise the Chancellor on matters of University research policy, vision, strategic planning and long-range budgeting. He/she will work closely with the UTHSC Deans to integrate the research and educational missions of UTHSC. He/she will also serve as the reporting official for the Director of UT’s Research Foundation to facilitate commercial development of novel research findings.

The successful candidate will have an earned doctorate; a distinguished record of research and administrative leadership; demonstrated success in advancing faculty research within and across disciplines, including the development of research centers; demonstrated success in working with a wide spectrum of external funding organizations; an understanding of the broad mission of research within an academic health science center; knowledge of intellectual property management, including technology transfer and university-industry relations; knowledge of the federal appropriation process; and the vision and ability to advance UTHSC to a top tier research institution.

Spencer Stuart has been retained to assist UTHSC with this most important recruitment. Spencer Stuart and the Search Committee respect the importance of maintaining confidentiality. Letters of application, with curriculum vitae, and letters of nominations should be submitted by e-mail (preferred) to: dwestmore@spencerstuart.com.

Or by mail to:
Diane Westmore
Spencer Stuart
2600 Resurgences Plaza
945 East Paces Ferry Rd. NE
Atlanta, GA 30326

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution and does not discriminate on the basis of race, sex, color, religion, national origin, age, disability or veteran status in provision of educational programs and services or employment opportunities and benefits.

Human Biology Division Director

The Division of Human Biology at the Fred Hutchinson Cancer Research Center (FHCRC) is soliciting applications for a dynamic and visionary Division Director who can lead the expansion of the solid tumor research program within the Division and across the Center. FHCRC, in partnership with the University of Washington and Children’s Hospital and Regional Medical Center, is an established NCI-designated comprehensive cancer center with vibrant research programs that include studies of cancer pathogenesis, prevention, early detection, treatment, and outcomes. An important area for development involves the integration of basic, clinical, and population sciences with translational studies of solid tumor biology.

The ideal candidate will have demonstrated excellence and leadership in translational research emphasizing cancer biology that spans the interface between laboratory, clinical, and/or population-based studies. All aspects of cancer-related research are of interest, from those utilizing large-scale genetic and genomic approaches to those focused on a mechanistic understanding of cancer pathogenesis. The candidate must be able to lead the expansion of the Human Biology Division through additional faculty recruitment, emphasizing translational research in solid tumors, while also fostering the broader research portfolio of the Division.

The Human Biology Division encompasses a diversity of interdisciplinary, collaborative research at the interfaces of basic, clinical, and population sciences in order to further our understanding of human biology, cancer, and other complex human disorders. The Division occupies state-of-the-art research laboratories on a beautiful lakeside campus. The Center offers outstanding shared resources, including genomics, proteomics, imaging, and animal models. The Center has active training programs for graduate students, postdoctoral fellows and clinically oriented trainees, and offers exceptional opportunities for scientific interactions with other investigators in the Seattle area.

Additional information about the Division and Center can be found at: http://www.fhcrc.org/science/humanbio/ and http://www.fhcrc.org/science/

Candidates should submit a curriculum vitae, research and leadership statements, and contact information for three references to:
Human Biology Division Director Search
Fred Hutchinson Cancer Research Center
Mailstop: C3-168
1100 Fairview Avenue North
P.O. Box 19024
Seattle, WA 98109-1024
or:
dljackso@fhcrc.org

Applications will be considered as received until February 15, 2011 or the position is filled.

The Fred Hutchinson Cancer Research Center is an Equal Opportunity Employer committed to work force diversity. Applications from female and minority candidates are strongly encouraged.
University of Texas Medical Branch
Director and Welch Chair
Sealy Center for Structural Biology and Molecular Biophysics

UTMB Health seeks applicants to fill the position of Director and Welch Chair in the Sealy Center for Structural Biology and Molecular Biophysics (SCSBMB). The new Center Director/Welch Chair will oversee hiring 10 new tenure track faculty members, a 50% expansion from its current level of 20 faculty members. The Center’s mission is for SCSBMB faculty to establish and maintain independently funded research programs in structural biology and molecular biophysics, and to partner with researchers in clinical and biological departments to solve structural and quantitative biology problems with translational endpoints as a goal. The Center supports a graduate program in molecular biophysics and four well-run core laboratories in X-ray, Cryo-EM, NMR, and Solution Biophysics, each with an excellent PhD-level manager. For details see: http://www.scsb.utmb.edu/

Core facility instruments include: new 2200FS, 2100, and 1400 JEOL Cryo-EM instruments (the 2200FS is in BSL3 containment); newly upgraded 800-, and 600- MHz NMR spectrometers with Bruker Avance III consoles; newly purchased Rigaku Ultimate HomeLab Plus, comprising the FR-E+DW SuperBright x-ray source with the R-AXIS IV and the BioSAXS-1000 Kratky camera; plus a Bruker M06HF high-brilliance source with the Bruker platform-CCD; and solution biophysics instrumentation including a Biacore T-100, a Thermofluor high-throughput-screening instrument, plus spectroscopic, kinetic, calorimetric, analytical UC, and mass spectrometry instrumentation.

The successful candidate must be a highly motivated and dynamic individual with a PhD or MD degree, a strong publication record, and a record of independent well-funded grant support. The ideal candidate will have extensive experience in one or more areas of problem-oriented solution molecular biophysics, crystallography, mass spectrometry, cryo-electron microscopy, high-field NMR spectroscopy, or computational biology applied to the study of the structure, dynamics, novel mechanisms, and functions of bio-macromolecules, viruses, membranes, etc. Candidates should be energized by opportunities for interactions within the SCSBMB and with the highly collaborative established biomedical research community in UTMB’s basic science departments, centers and programs of excellence such as the Institute for Human Infection and Immunity and associated infectious disease research centers, the Galveston National Laboratory, the Institute for Translational Sciences, the Sealy Center for Cancer Cell Biology, the Sealy Center for Environmental Health and Medicine, the Sealy Center on Aging, the George P. and Cynthia Woods Mitchell Center for Neurodegenerative Diseases, the Center for Tropical Diseases, and the Chemical Biology Program. These and other entities provide a wide variety of core services, in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, and protein expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience Research and Training (http://cohesion.rice.edu/centersandinst/gec/).

Applicants are requested to submit electronically: a cover letter expressing interest in being considered, a curriculum vitae, a summary of research accomplishments, future goals, a vision of how other entities provide a wide variety of core services, in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, and protein expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience Research and Training (http://cohesion.rice.edu/centersandinst/gec/). Applicants are requested to submit electronically: a cover letter expressing interest in being considered, a curriculum vitae, a summary of research accomplishments, future goals, a vision of how other entities provide a wide variety of core services, in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, and protein expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience Research and Training (http://cohesion.rice.edu/centersandinst/gec/). Applicants are requested to submit electronically: a cover letter expressing interest in being considered, a curriculum vitae, a summary of research accomplishments, future goals, a vision of how other entities provide a wide variety of core services, in recombinant DNA, genomics, proteomics, high-throughput drug screening, mass spectrometry, membrane protein crystallization, and protein expression and purification. Excellent collaborative opportunities also exist through UTMB’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience Research and Training (http://cohesion.rice.edu/centersandinst/gec/).

Aalto University invites applications for:

Tenure Track or Tenured Position in Biomedical Engineering
(Medical imaging)

The position is located in the Department of Biomedical Engineering and Computational Science (BECS) (http://www.becs.tkk.fi) at the Aalto University School of Science.

The position is open to talented individuals who hold a doctorate and have excellent potential for a productive scientific career. On the basis of their experience and competence, applicants will be placed on any of the four levels of the tenure track system: Assistant Professor (1), Assistant Professor (2), Associate Professor or Full Professor.

The appointed professor should have a strong background in applied physics and measurement technology (especially in medical imaging), a good publication record, international scientific collaboration experience, and demonstrated ability to communicate effectively as a teacher. A good grasp of biophysics and biochemistry, human physiology, neuroscience, and signal processing will be useful. The focus area for the research and teaching of the position is medical imaging, in particular instrumentation and methodology for studies of brain or cardiac structure and function. The relevant fields of study in the department include magneto- and electroencephalography (MEG/EEG), magneto- and electrocardiography (MCG/ECG), navigated transcranial magnetic stimulation (nTMS), near infrared imaging (NIRS), ultra-low-field MRI, hybrid MEG-MRI; biosignal analysis and inverse problem of MEG, EEG, NIRS, and MRI; and, e.g., studies of brain excitability and connectivity.

The application should include a cover letter, a CV, a list of publications, a concise description of research interests & plans for the present position, a brief teaching portfolio, and contact information of at least 2 persons who can give recommendations. The applicant should provide a list of 5–10 key publications (or links to them, if they are long) should be appended to the application. The application should be addressed to the President of Aalto University and submitted to the Registry of Aalto University, PO Box 11000, FI-00076 Aalto, Finland. You may also submit the application by email: kirjamo@aalto.fi. The closing date is the 28th of February 2011. The application materials will not be returned.

Please, consult aalto.fi/en/openpositions for a complete job advertisement and detailed application instructions.
Argonne National Laboratory is one of the preeminent multidisciplinary research facilities in the country and is a U.S. Department of Energy laboratory managed by UChicago, Argonne, LLC. The laboratory applies a unique mix of world-class user facilities and leading scientific and engineering staff to develop innovative solutions to the grand challenges of our time: plentiful and safe energy, a healthy environment, economic competitiveness and a secure nation. Argonne is located just outside of Chicago, Illinois, on a beautiful 1500-acre campus-like environment.

**Environmental Science Division Director**

The Environmental Science Division (EVS) has a staff of more than 100 professionals and focuses on four broad strategic environmental areas under which specific programs and projects are conducted. These are:

1. Restoration and pollution prevention
2. Natural resource systems and integrated assessments
3. Environmental policy analysis and planning
4. Risk and waste management

To qualify for this position you should have:

- Technical knowledge of and recognition in one or more of the environmental science programmatic areas
- Knowledge of Laboratory and Department of Energy policies and procedures
- Skill in multi-program administration and new program development
- Ability to adapt knowledge to complex situations, communications and leadership issues
- Knowledge of the methods for acquiring and maintaining relationships with funding sources
- Leadership skills for attracting, sustaining and maintaining a highly competent interdisciplinary staff

These levels of knowledge and skill are typically achieved through advanced formal education to a Ph.D. in engineering (e.g., mechanical, nuclear, environmental, chemical, etc.), a physical science (e.g., chemistry), or biological science (e.g., ecology), supplemented by no less than ten years of relevant, demonstrated accomplishment in a (policy or technical) managerial role. The selected candidate for this position must be able to obtain and maintain a Q-level security clearance.

The EVS division director will uphold the EVS mission of advancing informed environmental decision-making. Responsibilities will also include overall leadership and management of the division, long-range planning, preparation of initiatives, establishment of policy and priorities, and interactions with funding agencies and the broader academic and laboratory research communities. More details on EVS can be found at [www.evs.anl.gov](http://www.evs.anl.gov).

To apply, please visit the Argonne Career Page at [www.anl.gov/jobs](http://www.anl.gov/jobs) and search for Requisition #316991. Equal Opportunity Employer.

**RIKEN Quantitative Biology Center Recruitment Announcement for Laboratory Heads and Research Scientists**

On April 1st, 2011, RIKEN will be opening its Quantitative Biology Center (QBIC). The center has a special interest in understanding how a large number of factors form spatial-temporal networks and complex systems that lead to cellular dynamics. The center aims to develop new approaches and strategies for the following:

1. The development and application of molecular and cellular imaging techniques
2. Modeling and simulating large-scale molecular and cellular systems
3. Novel reconstructions of biological networks based on design techniques

According to the organic linkage of these three cores, the center aims to investigate the cells and their society as a dynamic system, to construct a mathematical model of its function, and to make the technical bases of reproduction and manipulation of live systems.

QBIC is currently seeking:

1. Laboratory Heads (2) Research Scientists (30-40 people)

**Research Themes:**

- A) Intracellular imaging of molecular dynamics and intra-tissue imaging of cellular dynamics
- B) Single cell mass spectrometry and DNA microarray techniques
- C) Organic and inorganic probes for the above imaging applications
- D) Detection and analysis of dynamic molecular and cellular morphogenesis
- E) Quantitative analysis techniques for dynamic molecular and cellular networks
- F) MEMS/microfluidics for Biochemistry or Cellular Biology
- G) Synthetic Biology or Chemical Biology
- H) Detection and analysis of dynamic gene expressions
- I) Detection and analysis of dynamic cell differentiation and adaptation

For more details, please refer:


Search Committee:

RIKEN KOBE INSTITUTE
2-2-3 Minatojima Minamimachi, Chuo-ku, Kobe 650-0047, Japan
E-mail: kobe-jobs@riken.jp

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**Tenure Track Positions in Cardiovascular Biology**

The Aab Cardiovascular Research Institute at the University of Rochester School of Medicine invites applications for a tenure track Assistant Professor or Associate Professor position. Outstanding scientists in all areas of cardiovascular sciences are encouraged to apply. We particularly encourage applications from investigators with accomplishments in the following areas: Atherosclerosis, Vascular Inflammation, Thrombosis, and Heart Failure.

The Aab CVRI offers competitive startup packages, excellent core facilities, and a highly interactive group of scientists: [http://www.urmc.rochester.edu/cvri/](http://www.urmc.rochester.edu/cvri/)

Interested applicants should submit their curriculum vitae, a one page summary of prior research accomplishments, a one page description of future research plans, and three letters of reference to the following address: CVR1recruiting@urmc.rochester.edu

The University of Rochester School of Medicine and Dentistry is an Equal Opportunity Employer.

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**Recruiting Scientists in Developmental Cancer Therapeutics**

The Hollings Cancer Center and the Medical University of South Carolina (MUSC) announce exciting recruitment opportunities for faculty – Assistant Professor, Associate Professor and Professor – with a laboratory or translational focus in developmental cancer therapeutics. These areas may include: new drug targets, drug sensitivity/resistance, mechanism of action, drug metabolism, pharmacogenomics, drug delivery, radiotherapeutics, etc. Faculty will be located in state-of-the-art laboratories in a new building developed to focus on cancer therapeutics. Outstanding resources and research support is available.

The Hollings Cancer Center is a National Cancer Institute designated cancer center; MUSC holds an NIH-funded Clinical and Translational Science Award. There are multiple complementary shared resources in place, including a Drug Discovery Screening Core, a Drug Metabolism and Clinical Pharmacology Core, Translational Research Laboratory, and a Proteomics facility.

Located on the Atlantic coast of South Carolina, Charleston boasts one of the nation’s most historic and picturesque downtown areas, beautiful beaches, and international cultural events such as the Spoleto Festival USA.

Interested candidates should send their CV, a summary of future research plans, and three references to:

Kenneth Tew, Ph.D.
Chair, Cell & Molecular Pharmacology
Medical University of South Carolina
campbeth@musc.edu

MUSC is an Equal Opportunity Employer, promoting workplace diversity.
ETH Zurich invites applications for a position in Systems Biology or Synthetic Biology at the Department of Biosystems Science and Engineering in Basel (www.bsse.ethz.ch). Research areas of interest include, but are not limited to quantitative analyses of cell signaling pathways to predict the intracellular physiological and structural consequences, analyses of gene networks involved in distinct cellular functions and communication between cells, design and application of novel theory-based synthetic approaches to perturb biological systems in order to uncover basic network principles or to produce new cellular functions or components.

The D-BSSE of ETH Zurich is located in Basel, in the heart of the BioValley providing excellent opportunities for collaboration within this strong life science research community at the academic, clinical and pharmaceutical industry level. SystemsX.ch (www.systemsx.ch), the Swiss initiative in systems biology, offers a dynamic and interactive research environment.

The educational goal of the D-BSSE is interdisciplinary science and engineering. The new colleague will contribute to the ongoing study programs of the department including the curriculum in biotechnology. Teaching responsibilities include courses in quantitative cell biology, analytical systems biology and principles of synthetic biology. He or she will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

This position will be filled at the full professor level. Please address your application together with a curriculum vitae, a list of publications and a statement on future teaching and research activities to the President of ETH Zurich, Prof. Dr. Ralph Eichler no later than April 30, 2011. With a view toward increasing the number of female professors, ETH Zurich specifically encourages female candidates to apply.

Please apply online on: www.facultyaffairs.ethz.ch
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, a grants and scholarships database, webinars and downloadable booklets filled with practical advice, a community forum providing real-time answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
Join CIFOR and make a difference

The Center for International Forestry Research advances human wellbeing, environmental conservation and equity by conducting research to inform policies and practices that affect forests in developing countries. We are one of 15 centres within the Consultative Group on International Agricultural Research (CGIAR). Our headquarters are in Bogor, Indonesia, and we have offices in Asia, Africa and South America.

In 2009, CIFOR started a multidonor-funded Global Comparative Study on REDD+ (GCS-REDD+). This GCS-REDD+ is a 4-year global comparative research project on first-generation REDD+ demonstration and readiness activities in selected countries across Asia, Africa and Latin America. The project conducts various activities, such as research on policies, implementation of REDD+ projects, monitoring and reference levels, and knowledge sharing. Overall goal of the project is to provide REDD+ policy makers and practitioners, and communities with the information, analysis and tools they need to ensure effective and cost-efficient reduction of carbon emissions with equitable impacts and co-benefits such as poverty alleviation and Biodiversity conservation – the ‘3E+’ criteria.

We are growing and have several exciting opportunities with the Global Comparative Study on REDD+:

- Scientist, Carbon Monitoring
- Three Post-doctoral Fellows
- Two PhD Degree Students

To learn more about CIFOR and these positions, please visit our website at http://www.cifor.cgiar.org/ and http://www.cifor.cgiar.org/about-us/careers-with-cifor.html

We will acknowledge all applications, but will only contact only short-listed candidates. Interested individuals are invited to submit applications to:

Human Resources Department, CIFOR, cifor-hr@cgiar.org

Please indicate the position title and its code in the email subject line.

CIFOR is an equal opportunity employer. Staff diversity contributes to excellence.

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Los Alamos National Laboratory
Los Alamos, New Mexico

The University of California and Los Alamos National Security, LLC (LANS) invite nominations and applications for the position of Director of the Los Alamos National Laboratory (LANL). LANL is a national security laboratory managed by LANS for the U.S. Department of Energy’s (DOE) National Nuclear Security Administration (NNSA). It was established in 1943 and is located in Los Alamos, in northern New Mexico.

LANS is a limited liability company owned and governed by the University of California, Bechtel National, Inc., BWX Technologies, Inc., and URS Energy and Construction, Inc. The Laboratory Director is the President of the LLC, reports to the LLC Board of Governors (BOG), and is responsible for overall execution of DOE/NNSA’s programs at LANL.

The Director sets the strategic vision of the Laboratory and exercises broad delegated powers in ensuring effective leadership and successful execution of the Laboratory’s programs and management of the diverse and outstanding workforce. The Director leads the development and integration of the Laboratory’s scientific vision, goals, and objectives. The position provides leadership to Laboratory management and serves as the highest management liaison with the DOE, the BOG, and other government, public, and private organizations.

The Director exercises overall leadership and administration of the Laboratory’s programs and operations including the definition of their technical aspects, negotiation of their size and content, and execution of these programs with the highest quality. Special responsibilities include an integrated safety management program for high-hazard facilities ranging from nuclear materials, high explosives, and biological agents, and an integrated security program for many levels of highly-sensitive information.

The Director is responsible for significant human, financial, equipment, and facility resources. The workforce is comprised of approximately 11,000 employees, including over 2000 PhDs, 1500 students and post-docs, 600 contractor employees, 800 craft workers, and thousands of visiting scientists. The Laboratory has an annual operating budget of approximately $2.2 billion in addition to capital construction funds of close to $300 million, and a footprint of 36 square miles. The Director is also responsible for ensuring that the DOE national user facilities hosted by the Laboratory are managed cost-efficiently and provide the level of service and scientific utility required by the world’s leading researchers.

Candidates should have demonstrated success in leading and managing large scientific-based programs and complex organizations and should have a distinguished record of scientific and technical accomplishments. Strong leadership skills are required, including the ability to gain the confidence of key leaders, scientists, and operations staff, and the ability to develop strategic relationships and partnerships with key constituents. The ideal candidate should have demonstrated substantial management responsibility in a mission-oriented, research and development institution. Significant management experience is needed to ensure that support and programmatic functions achieve compliance with all applicable Federal, State, and LLC policies and operate as an effective member of the northern New Mexico community. DOE Q security clearance will be required. Other required competencies and capabilities may be identified through the candidate selection process.

National security is the defining responsibility of the Laboratory, focusing on two of the nation’s top priorities: ensuring the safety, security, and reliability of the U.S. nuclear stockpile, and preventing and countering the proliferation of weapons of mass destruction including the development of sensors and other technologies to counter nuclear, chemical, biological, and cyber threats. The Director is responsible for ensuring that the Laboratory’s programs continue to enunciate and advocate for the nation’s security requirements.

The Laboratory’s primary mission enables other programs in high performance computing, material and chemical sciences, advanced defense technologies, energy, environment, biosciences and human health, and basic science, while in turn enhancing the capabilities needed for the national security mission. The Director must have a commitment and ability to lead cooperative integration of programs with Lawrence Livermore National Laboratory and the Sandia National Laboratories, as well as with other facilities and efforts across the DOE nuclear complex.

Nominations and applications, accompanied by current resumes, may be sent to:

University of California
Office of the President
Attn: LANL Director Search
1111 Broadway, Suite 1450
Oakland, CA 94607-4081
Or email: landirectorsearch@ucop.edu

The position will remain Open Until Filled, but applicants are encouraged to submit a resume and statement of interest to the above address by no later than March 31, 2011, to be given full consideration. Salary is commensurate with experience. In conformance with applicable law and policy, the Los Alamos National Security Limited Liability Company is an affirmative action/equal opportunity employer.

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Dr. Marion Müller
Director, DFG Office North America
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BIOLOGICAL AND ENVIRONMENTAL SCIENCES, University of Tennessee at Chattanooga—ASSISTANT PROFESSOR (two positions, full time, tenure-track), beginning August 1, 2011. ANIMAL PHYSIOLOGIST: Teaching responsibilities include animal and human physiology, cell biology, introductory biology, and development of advanced courses in field of expertise. EVOLUTIONARY BIOLOGIST: Teaching responsibilities include evolution, genetics, introductory biology, and development of advanced courses in field of expertise. Research and teaching experience in the areas of microbial evolution and genomics or population genetics preferred. Candidates for both positions need to be willing to teach at all levels of the curriculum, from the introductory undergraduate to graduate (Masters) level. Ph.D. required and postdoctoral research experience desired. Commitment to teaching excellence, responsiveness to student needs, and effective communication skills are essential. Scholarly activities and a research program that involves undergraduate and graduate students are expected. Preference given to candidates with demonstrated excellence in college or university teaching. Screening of credentials will begin January 31, 2011, and will continue until the position is filled. Send curriculum vitae, brief statement of research and teaching interests, names, telephone numbers and full addresses of three references via Husky Hire website: http://www.jobs.uconn.edu. Screening of applications will begin immediately and continue until the position is filled. The University of Connecticut is an Equal Employment Opportunity/Affirmative Action Institution.

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