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<td>Heart Institute–SDSU Research Foundation</td>
<td>The Laboratory for Surface Modification (LSM) at Rutgers University, a world-class research center focused on interdisciplinary research in the basic science and technology of interfaces, nanostructures, and surfaces, seeks an experimental scientist with exceptional credentials for a tenure faculty appointment at the FULL PROFESSOR level. The appointment may be in the Department of Physics, Chemistry, Materials Science, Electrical Engineering, or BioMedical Engineering or it may be a joint appointment. The successful candidate will have an outstanding record of achievement in science and/or technology and is expected to establish a world-class research program at Rutgers and to interact with industry. Submit applications electronically (preferred) to e-mail: <a href="mailto:lsm_search@physics.rutgers.edu">lsm_search@physics.rutgers.edu</a>, or by surface mail to: LSM Search Committee, Rutgers University, 136 Frelinghuysen Road, Piscataway, NJ 08854. Additional details may be found at website: <a href="http://www.lsm.rutgers.edu">http://www.lsm.rutgers.edu</a>.</td>
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<td>The San Diego State University Heart Institute is recruiting POSTDOCTORAL FELLOWS to work in a dynamic, state-of-the-art cardiovascular cell and molecular biology research setting in the laboratory of the Institute Director Dr. Chris Gembotski, studying roles for heart-derived secreted cytokines (cardiomyokines) on cardiac protection and repair. Applicants should have a Ph.D. in a relevant field, demonstrated expertise in basic cell and molecular biology, including methods to examine gain- and loss-of-gene function in culture and animal models of heart disease, excellent communication skills, a record of peer-reviewed journal publications, and the desire and ability to write and submit competitive research grant applications. Salary is commensurate with experience; excellent client benefits. Applicants should submit a cover letter, curriculum vitae, and a description of research experience and professional goals with the application for Job #100120 at website: <a href="https://jobsfoundation.sdsu.edu">https://jobsfoundation.sdsu.edu</a> or call telephone: 619-594-5708. Equal Employment Opportunity/Affirmative Action/Title IX Employer.</td>
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RESEARCH ASSISTANT PROFESSOR
The Division of Metabolism, Endocrinology, and Nutrition in the Department of Medicine at the University of Washington is recruiting a full-time faculty member at the Research Assistant Professor level. The appointment requires a Ph.D. or equivalent degree and a record of research publications in the area of pathogenesis of pancreatic beta cell failure in diabetes. The applicant is expected to have expertise in insulin secretion and partial support for his/her research. Interested applicants should submit a letter of interest, curriculum vitae, and a brief summary of research capabilities and funding to:
Jerry Palmer, M.D.,
Search Committee Chair
VA Puget Sound Health Care System (111)
1660 S. Columbian Way
Seattle, WA 98108

Review of applications will begin immediately and continue until the position is filled. University of Washington faculty engage in teaching, research, and service. The University of Washington is an Affirmative Action, Equal Opportunity Employer.

FOREST ECOLOGIST AT THE APPALACHIAN LABORATORY
The Appalachian Laboratory (AL) of the University of Maryland Center for Environmental Science (UMCES) seeks to fill a new full-time, tenure-track ASSISTANT PROFESSOR position in forest ecology. The successful candidate should address questions at broad spatial scales and complement our strengths in landscape and watershed ecology. We are especially interested in expertise such as biogeochemistry, stable isotopes, phylogeography, and advanced statistical methods that will be used to assess the effects of environmental change on temperate forest ecosystems. Excellent research, computing, and teaching facilities are available, including plant, soil, water, and molecular analysis laboratories with state-of-the-art analytical instrumentation, a new stable isotope facility, growth chambers, and a greenhouse. UMCES faculty are expected to participate in graduate education in addition to research, outreach, and application. Applicants should send an electronic copy of curriculum vitae; statement of research interests and a brief discussion of how their research would complement ongoing research at AL and UMCES; selected reprints; and names of four references (including title, mailing address, telephone and fax numbers, and e-mail address) to e-mail: jmchatt@al.umces.edu. Review of applications will begin on September 1, 2010, and will continue until the position is filled. Information about AL and UMCES and this search can be found at website: http://www.al.umces.edu/. UMCES is an Affirmative Action/Equal Opportunity Employer. Women and minorities are strongly encouraged to apply.

POSTDOCTORAL RESEARCH POSITIONS
San Diego State University
Heart Institute–SDSU Research Foundation
The San Diego State University Heart Institute is recruiting POSTDOCTORAL FELLOWS to work in a dynamic, state-of-the-art cardiovascular cell and molecular biology research setting in the laboratory of the Institute Director Dr. Chris Gembotski, studying roles for heart-derived secreted cytokines (cardiomyokines) on cardiac protection and repair. Applicants should have a Ph.D. in a relevant field, demonstrated expertise in basic cell and molecular biology, including methods to examine gain- and loss-of-gene function in culture and animal models of heart disease, excellent communication skills, a record of peer-reviewed journal publications, and the desire and ability to write and submit competitive research grant applications. Salary is commensurate with experience; excellent client benefits. Applicants should submit a cover letter, curriculum vitae, and a description of research experience and professional goals with the application for Job #100120 at website: https://jobsfoundation.sdsu.edu or call telephone: 619-594-5708. Equal Employment Opportunity/Affirmative Action/Title IX Employer.
Argonne National Laboratory

ASSOCIATE LABORATORY DIRECTOR
PHYSICAL SCIENCES AND ENGINEERING DIRECTORATE
ARGONNE NATIONAL LABORATORY

Argonne National Laboratory seeks applications from highly qualified candidates for the position of Associate Laboratory Director, Physical Sciences and Engineering (ALD-PSE). Argonne is one of the preeminent multi-disciplinary research facilities in the country located about 25 miles southwest of Chicago, Illinois and is operated by the University of Chicago for the U.S. Department of Energy's Office of Science. The ALD-PSE is an executive position that reports to the Laboratory Director and provides leadership for five divisions: Center for Nanoscale Materials, Chemical Sciences and Engineering, High Energy Physics, Materials Science, and Physics. Major initiatives under the direction of PSE include Alternative Energy and Efficiency, Energy Storage, and Materials and Molecular Design and Discovery.

The ALD-PSE will: (1) provide primary basic science vision, identify new research opportunities, and be a force for the integration of basic and applied science and engineering throughout the laboratory; (2) be a leading interface with the U.S. Department of Energy and UChicago Argonne LLC for mission-based science issues; (3) act as a member of Argonne's senior management team in setting strategic goals and in developing collaborations among stakeholders, scientific, academic, and industrial entities to achieve those goals.

The successful candidate should have an internationally recognized research stature in one of the disciplines within PSE and experience in managing large multi-disciplinary science programs.

Argonne offers an excellent compensation and benefits package. For more information and to apply, see job # 316179 at www.anl.gov/jobs. For full consideration, apply promptly; we aim to have an appointment to this position by the start of our fiscal year on October 1, 2010.

Argonne National Laboratory is a multi-program laboratory managed by UChicago Argonne, LLC for the U.S. Department of Energy. We are an equal opportunity employer and value diversity in our workforce. For additional information about Argonne, visit us online at www.anl.gov

The Faculty of Computer Science and Mathematics at the Goethe University Frankfurt together with the Frankfurt Institute for Advanced Studies invites applications to fill the position of a

Associate Professorship (W2) in Computational Neuroscience/Computational Vision (tenure track)

Applicants must have an excellent track record in Computational Neuroscience with emphasis on modeling the visual system. Successful acquisition of third party funding and collaborations in interdisplinary project consortia are expected. This research professorship is part of the Bernstein Focus Neurotechnology Frankfurt and the successful applicant shall collaborate actively within the Focus (http://fias.uni-frankfurt.de/bernst). Opportunities for collaborations in additional research areas of FIAS are strongly desired.

The teaching obligations for this research professorship are 2 hours per week. The successful candidate will also be member of the Faculty of Computer Science and Mathematics or the Faculty of Physics.

The designated salary for the position is based on “W2” on the German university scale or equivalent. The Goethe University is committed to a pluralistic campus community through affirmative action and equal opportunity. For further information regarding the general conditions for professorship appointments, please see: http://www.uni-frankfurt.de/aktuelles/ausenschreibung/professuren/index.html

Qualified academics are invited to submit their applications accompanied by the usual documents (CV, degrees and certificates, list of publications, details on teaching and international experience, information on successful grant applications, a statement about your research goals in the context of the Bernstein Focus Neurotechnology within three weeks after publication of this advertisement to: Frau Gaby Schmitz, Frankfurt Institute for Advanced Studies, Ruth-Moufang-Str. 1, D-60438 Frankfurt am Main, E-Mail: schmitz@fias.uni-frankfurt.de

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

Opportunities as limitless as Penn State.

www.psu.jobs

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

The Pennsylvania State University is embarking on a comprehensive and transformative investment in systems genomics, complex traits and biological variation. This cross-college endeavor coordinates faculty recruitments and team building efforts to address critical problems in the life sciences affecting agriculture, energy production and healthcare. Development of computational and informatics systems for the analysis of genomic data is an integral part of the strategic plan. The PSU Systems Genomics Initiative is a concerted effort to bring predictive power to our understanding of biological systems and realize the potential of biology-based tools.

We seek to appoint multiple tenure-track professors at all levels from Assistant and Associate Professor through to Full Professors and Endowed Chairs who will further Penn State’s leadership role in the fields of Systems Genomics and Bioinformatics. We seek faculty interested in analyzing genomic data, undertaking systems and functional genomics and in applying these results to a broad range of biological problems. These will include Computer and Information Scientists, Social Scientists, Life Scientists, Physicists, Mathematicians, Statisticians and Biomedical researchers. Appointments will be made both at the main campus at University Park in Central Pennsylvania and also in the College of Medicine, located at the Penn State Medical Center in Hershey, PA. We seek interactive faculty who can work across disciplines and in a team to provide novel insights into current and future issues. We anticipate that many candidates will have joint appointments and join one of our centers of excellence in genomics, such as the Center for Comparative Genomics and Bioinformatics (http://www.bs.psu.edu/) or Center for Medical Genomics (http://www.huck.psu.edu/institutes-and-centers/medical-genomics).

These positions feature outstanding research space and competitive start-up packages and state-of-the-art shared instrumentation for sequencing (http://www.huck.psu.edu/) and computational analysis (http://www.io.psu.edu/). Penn State has achieved great successes in the field of genomics and bioinformatics with an impressive collection of publications and analysis software, including Galaxy (http://galaxy.psu.edu/), a universal platform that can continuously adapt and gain new capabilities to serve the needs of experimental and computational scientists.

Please electronically submit a cover letter, including future research plans, curriculum vitae and the contact information of three references to Deb Stauffer at dsg3@psu.edu

Review will start in August and continue until multiple positions have been filled.
ETH Zurich is strengthening its involvement in the area of computational science. The initiative is aimed to foster concerted interdisciplinary research and teaching collaborations, in particular in the life sciences.

Applications from candidates with internationally recognized research credentials and proven teaching abilities are invited for two professorial positions:

**Assistant Professor (Tenure Track) of Computational Biology**

The Department of Biology (www.biol.ethz.ch) at ETH Zurich invites applications for a position of Assistant Professor (Tenure Track) in the area of Computational Biology. Life Science Zurich and the Department of Biology offer outstanding scientific opportunities to participate in interdisciplinary research projects, including close interactions with SystemsX.ch, the Swiss initiative for systems biology, the Functional Genomics Center Zurich and the ETH Laboratory of Computational Science and Engineering. Involvement in the biology teaching program, including teaching within an inter-departmental Master’s curriculum in bioinformatics, is expected. Candidates are expected to build a strong, independent research program in theoretical or applied computational biology. Research areas include but are not limited to the development and implementation of novel algorithms for the analysis of complex biological questions, molecular and developmental networks and their dynamic changes in cells, using information available from genomic, proteomic, imaging, and metabolomic data. The successful candidate will be a member of the Institute of Molecular Systems Biology. The future professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

**Assistant Professor (Tenure Track) of Bioinformatics**

The Department of Computer Science (www.inf.ethz.ch) at ETH Zurich invites applications for a position of Assistant Professor (Tenure Track) of Bioinformatics. Applicants should have an excellent record of internationally recognized research which demonstrates a strong knowledge and link of computer science with computational methods and bioinformatics. The expertise of the successful candidate may encompass areas such as Computational Biology or Modelling and Uncertainty Quantification for the simulation of challenging biological problems. Background in interdisciplinary, innovative research bridging Computer Science with scientific fields such as the Life Sciences and in particular Computational Biology, the Social Sciences, Engineering, Medicine, and Finance while contributing to the development of fundamental Computer Science concepts is highly desirable. The candidate is expected to establish and lead a research group within the Department of Computer Science at ETH Zurich. A strong background in Computer Science is required for this position. Moreover, the successful candidate shall supervise graduate students and teach courses in Computational Science and core courses of Computer Science. The professorship is expected to be instrumental in the participation of joint activities with the departments of Biology and the Department of Biosystems Science and Engineering as well as with the Swiss Institute for Bioinformatics.

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae, a list of publications, the names of at least three referees, and a short overview of the research interests to the President of ETH Zurich, Prof. Dr. Ralph Eichler, Raemistrasse 101, ETH Zurich, 8092 Zurich, Switzerland, (or via e-mail as one single pdf to faculty-recruiting@sl.ethz.ch) no later than August 31, 2010. With a view toward increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.
Penn Scholars in Molecular Medicine

Penn Medicine

The Department of Medicine at the University of Pennsylvania School of Medicine seeks candidates for several Assistant, Associate, and/or Full Professor positions in the tenure track. Rank will be commensurate with experience. Applicants must have an M.D or M.D./Ph.D. degree. B/C B/E in Internal Medicine.

The University of Pennsylvania School of Medicine Department of Medicine announces the Penn Scholars in Molecular Medicine.

Through this program, we seek to recruit outstanding physician scientists interested in the interface between basic investigation and translational medicine. Faculty members in the Penn Scholars in Molecular Medicine will have appointments in both the Department of Medicine and the basic science department that most closely corresponds to the investigator’s area of research. In addition to providing an environment rich in scientific mentorship and collaboration, appointees to the Penn Scholars in Molecular Medicine program will receive generous start-up packages to support the establishment of a robust research program.

The successful applicant will direct a productive, independent basic or translational research program in addition to complementary clinical service and teaching. Applicants are being considered for all Internal Medicine disciplines; however, we are particularly seeking those with specialty in Hematology-Oncology, Renal, Electrolyte and Hypertension, or Pulmonary, Allergy and Critical Care. Applicants with a strong record of independent funding and peer-reviewed publications will be given preference.

The University of Pennsylvania is an equal opportunity, affirmative action employer. Women and minority candidates are strongly encouraged to apply.

Apply for this position online at:
http://www.med.upenn.edu/apps/faculty_ad/index.php/g323/d2347

FACULTY POSITION

THE CENTER FOR COMPARATIVE MEDICINE
Schools of Medicine and Veterinary Medicine
University of California, Davis

Candidates are sought for a tenure-track position at the level of ASSISTANT or ASSOCIATE PROFESSOR/ASSISTANT or ASSOCIATE PROFESSOR IN RESIDENCE in the Center for Comparative Medicine, a research center at the University of California, Davis, co-sponsored by the Schools of Medicine and Veterinary Medicine and a relevant Instructional and Research (I&R) academic department. The center is engaged in investigative research involving animal models of human disease. We seek individuals with D.V.M and/or Ph.D. degrees or equivalent, postdoctoral experience and a record of publication in high-quality journals. We are soliciting applications from candidates who have enthusiasm for the investigation of human infectious diseases in animal models and the concepts of “One Health”. Candidates are expected to have or to establish and maintain a strong extramurally funded research program and to participate in professional and graduate education in their fields. A ample office and laboratory space is available in the Center (including access to BSL2 and BSL3 laboratory space), with state-of-the art facilities, instrumentation, and administrative support. Center research and teaching programs interdigitate with other campus-wide programs and resources in the Schools of Medicine and Veterinary Medicine, the Mouse Biology Program, the California National Primate Research Center, and the Cancer Center. Faculty members will hold an academic appointment in the commensurate department of the School of Veterinary Medicine. The position will provide 0.5 salary support. Review of applications will commence immediately until the position is filled. Preference will be given to applications received by October 1, 2010.

Submit applications with letter of interest, curriculum vitae, concise statement of present and future research plans, summary of teaching experience, up to three representative reprints, and names of four references (including addresses, telephone numbers and e-mail addresses) to: Recruitment Committee Chair, c/o Center for Comparative Medicine, University of California, Davis, CA 95616.

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

Executive Director of the North Pacific Research Board

The North Pacific Research Board (NPRB) is seeking exceptional candidates for the position of Executive Director. Congress created the NPRB in 1997 to recommend marine research initiatives to the US Secretary of Commerce, who makes final funding decisions. More information about NPRB and the position is available at http://www.nprb.org/.

Candidates should submit a letter of application, curriculum vitae, and a two-page summary of their philosophy on guiding collaborative research. Please send paper and electronic versions of these documents with contact information for four references to:

Cindy L. Ecklund
Senior Human Resource Manager
Alaska SeaLife Center
PO Box 1329
Seward, AK 99664-1837
cindy_ecklund@alaskasealife.org

Applications will be accepted until August 30, 2010 and review of applications will take place in September with an anticipated start date of January 1, 2011.

NPRB is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.

Faculty Position in Biogeoscience in the Department of Earth & Environmental Sciences and the Lamont-Doherty Earth Observatory of Columbia University

The Department of Earth and Environmental Sciences seeks applicants for a faculty position in biogeoscience, at the tenure track or tenured level. We seek applicants engaged in process-oriented research who will bring crucial new skills, such as use of molecular-level tools, innovative remote sensing techniques, new insight or methodology for understanding biogeochemical cycles, specialist knowledge of ecosystem energetics, and/or application of nano-scale techniques. Our ongoing research in fields related to biogeo science includes study of biogeochemistry and geochemistry, paleoecology, ecophysiology, climate and paleoclimate, oceanography and paleoceanography, geologic carbon capture and storage, fluid-rock interaction, and the human dimensions of environmental change. Preference will be given to strong applicants who can integrate their work within this spectrum.

Minimum requirements for the position are demonstrated scientific creativity, specialist knowledge in both biology and geoscience, a Ph.D. in a biogeoscience-related field, and capability to teach at the undergraduate and graduate level. Application review will commence immediately and continue until the position is filled. For more information and to apply for this position please visit our online site at: https://academicjobs.columbia.edu/applicants/Central?quickFind=53131

Questions can be addressed to Peter Kelemen (peterk@LDEO.columbia.edu), Chair of the Search Committee.

Columbia University is an Equal Opportunity/Affirmative Action employer.
GRANT FOR POSTDOCTORAL POSITIONS IN SWEDEN

This grant enables researchers with doctorates (PhDs or equivalent) to work at Swedish higher education institutions or research establishments. The programme spans two years. Research areas:

- Natural Sciences
- Engineering Sciences
- Medicine
- Humanities
- Social Sciences
- Educational Sciences
- Artistic research and development

Call for applications opens early July. Submission deadline is August 26, 2010.

Further information at www.vr.se

OLD DOMINION UNIVERSITY
CHAIR/PROFESSOR, DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Old Dominion University invites applications and nominations for the position of Chair, Department of Chemistry and Biochemistry, in the College of Sciences. We seek an outstanding scholar with demonstrated excellence in research, international recognition, consistent peer-reviewed research grant funding, and a strong commitment to educational programs at the undergraduate and graduate level. The successful candidate will have a Ph.D. in Chemistry, Biochemistry or some related discipline, will provide leadership to further enhance the Department’s excellent research and educational programs and will have a strong commitment to teaching and mentoring junior faculty, post-doctoral fellows, and graduate and undergraduate students.

Old Dominion University is a state supported, Carnegie doctoral research-extensive institution enrolling more than 24,000 students of which 6,000 are graduate students. The Department of Chemistry and Biochemistry has 17 faculty members with research strengths in physical and analytical chemistry, biochemistry, computational chemistry, geochemistry and materials chemistry, and strong programs in undergraduate and graduate education. There is a commitment to build a strong energy-related research and teaching program. The department offers Ph.D. and M.S. degrees in Chemistry and Biochemistry. Departmental faculty also participate in joint Ph.D. programs with the Department of Biological Sciences (Biomedical Sciences) and with the Department of Ocean, Earth & Atmospheric Sciences (Chemical Oceanography). Currently a total of 45 graduate students are enrolled (34 Ph.D. and 11 M.S.).

Candidates should submit a curriculum vitae, a statement of research and teaching interests, and arrange for four letters of reference to be sent electronically to chemchairsearch@odu.edu or to Dr. J. Mark Dorsey, Chair, Department of Mathematics and Statistics Chair, 2300 E&CS Bldg., Old Dominion University, Norfolk, VA 23529. The review of applications will begin immediately and continue until the position is filled.

Old Dominion University is an Affirmative Action/Equal Opportunity Institution and requires compliance with the Immigration Reform and Control Act of 1986.

Scientist Positions at Novo Nordisk China R&D Center
Zhongguancun Life Science Park, Beijing, China

Novo Nordisk is a world leader in diabetes care. Novo Nordisk China R&D (NNST) is an integrated part of Novo Nordisk R&D organization. Our newly formed Diabetes Research Department is expanding rapidly and we therefore have the following 4 positions open for highly qualified scientists planning to advance a career in China.

For all positions, excellent communication skills in English, flexibility and the desire to work within a multidisciplinary team are required. Industry and patent experience is strongly preferred. Title and compensation will be based on qualifications.


For application or further information, please send e-mail with job code in the header to InfoNNST@novonordisk.com.

Principal Scientist – Diabetes and Obesity Biology [Job Code: DR-Biol]

Responsibility:
Defining and performing biological evaluations in research projects.

Requirements:
- Ph.D. in biological science or a closely related scientific background with demonstrated expertise in diabetes and/or obesity biology.
- Minimum 5 years working experience in diabetes/obesity research (in vitro and/or in vivo biology and pharmacology) at principal scientist or professor level.

Scientist – Computational Biology [Job Code: DR-CompBiol]

Responsibility:
Start the use of expression profiling technology, providing systems biology and bioinformatics expertise in our diabetes research projects in collaboration with colleagues in the US and in Denmark.

Requirements:
- Ph.D. within computational biology, focus on expression profiling and a high degree of biological understanding.
- Solid hands-on experience and in-depth knowledge in bioinformatics: Developing methodologies to analyze large datasets of microarray or sequencing-based expression profiling, using statistical analysis and integrating results with relevant large scale datasets.
- Experience in programming and ability to transform conclusions into biology.

Scientist – In vivo Pharmacology [Job Code: DR-Pharmacol]

Responsibility:
Defining and performing in vivo evaluations in research projects.

Requirements:
- Ph.D. within experimental animal science, in vivo pharmacology, veterinary medicine, medicine, pharmacy or other relevant area.
- >2 years of postdoctoral experience is preferred.
- Excellent scientific background within diabetes and/or obesity pharmacokinetics and/or pharmacodynamics.

Scientist - Molecular Biology/Protein Expression [Job Code: DR-MB]

Responsibility:
Developing and optimizing recombinant protein expression systems, especially E.coli.

Requirements:
- Ph.D. in Molecular Biology, Biochemistry or relevant biological science, 2-5 years experience in protein expression and engineering.
- Solid theoretical basis and hands-on experience within molecular biology, special focus on E.coli.
- Knowledge within process development, fermentation and protein separation processes is an advantage.

Furthermore, we have 2 positions within our biopharmaceutical research departments:

- Senior/Principal Scientist in Protein Chemistry
- Scientist in Cell Biology

Novo Nordisk is an international healthcare company, the world leader in diabetes care and has leading positions within haemophilia management, growth hormone therapy and hormone replacement therapy. For more information, see www.novonordisk.com.
Nontraditional Careers: Opportunities Away From the Bench

Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists across different sectors and strategies you can use to pursue a nonresearch career.

Now Available On Demand
www.sciencecareers.org/webinar

Participating Experts:
Dr. Lori Conlan
Director of Postdoc Services,
Office of Intramural Training and Education
National Institutes of Health

Pearl Freier
President
Cambridge BioPartners

Dr. Marion Müller
Director, DFG Office North America
Deutsche Forschungsgemeinschaft
(German Research Foundation)

Richard Weibl
Director, Center for Careers in Science and Technology
American Association for the Advancement of Science

Produced by the Science/AAAS Business Office.
**School of Biomedical Sciences and MRC Human Genetics Unit, Edinburgh**

**Postdoctoral Researcher in Adult Tissue Homeostasis**

£30,747 pa

This project will study the important area of adult tissue maintenance and regulation of tissue homeostasis. Preliminary data from the Hastie and the Wilm laboratories, serve as strong basis for the analysis of mesothelial cells and the Wilms’ tumour gene (WT1) in tissue maintenance/homeostasis. This joint project starts at the MRC (Hastie laboratory) in Edinburgh (first 6-9 months), and continues at the University of Liverpool (Wilm laboratory). You should have a PhD in cell biology or mouse genetics. Experience in any aspect of this work is desirable. The post is funded by the Wellcome Trust and is available for 3 years.

Job Ref: R-572658/S  
Closing Date: 6 August 2010

For full details, or to request an application pack, visit www.liv.ac.uk/working/job_vacancies/ or e-mail jobs@liv.ac.uk/working/job_vacancies/ or e-mail wwwLiv.ac.uk or telephone 0151 794 2210 (24 hr answerphone). Please quote Job ref in all enquiries.

**COMMITTED TO DIVERSITY AND EQUALITY OF OPPORTUNITY**

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**EAM ENGINEERING OF ADVANCED MATERIALS**

The Friedrich-Alexander-Universität Erlangen-Nürnberg with its 26,000 students and 12,000 employees is one of the leading European research universities with a strong focus on engineering, natural sciences and medicine. The university is committed to excellent research and interdisciplinary academic education.

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

- Cross-cutting topics: particle technology, nanomaterials characterization and multiscale modeling and simulation
- engineering of nanoelectronic materials
- engineering of photonic and optic materials
- engineering of catalytic materials
- engineering of lightweight materials

The vision of the cluster is to bridge the gap between fundamental research and real-world applications of modern high-performance materials in key scientific and engineering areas.

As part of the cluster’s Rising Star Program leadership positions are available for independent, interdisciplinary, and fundamental research. The Cluster invites applications for

1. **Junior Professorship (W1, tenure track)**

Candidates with an excellent track record in at least one of the mentioned research areas are eligible to apply. As fellows of the programme they will be granted flexible resources for three years and will be expected to establish a research group within the cluster. The successful candidate is expected to develop an internationally recognized fundamental research program strongly interlinked with the cluster’s research areas.

Applicants should be exceptional junior researchers with outstanding university undergraduate and doctoral degrees in natural sciences or engineering as well as excellent teaching skills. Applicants with post-doctoral employment in Germany should not exceed the maximum employment period of six years according to German law. Appointments are for three years initially with the possibility of a further extension for another three years, following a positive evaluation. Assuming success during this six year period subject to the fulfillment of certain legal requirements, candidates will be offered promotion to the rank of a W2 Professor (tenure track).

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

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

The position is available immediately.

Application documents (curriculum vitae, photograph, copies of degree certificates and a selection of the most important publications) and a brief statement of research interests (not more than 3 pages) must be submitted before 2010-08-20 by e-mail to:

Friedrich-Alexander-Universität Erlangen-Nürnberg  
Cluster of Excellence Engineering of Advanced Materials  
Prof. Dr.-Ing. Wolfgang Peukert  
Nägelsbachstr. 49b  
D-91052 Erlangen  
e-mail: administration@eam.uni-erlangen.de  
www.eam.uni-erlangen.de

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**Friedrich-Alexander-Universität Erlangen-Nürnberg**

www.uni-erlangen.de
UCL Division of Biosciences
Research Department of Genetics, Evolution and Environment

Chair in Evolutionary and Population Biology

The appointment will be full time on the UCL Professorial grade. The salary range will be negotiable on the professorial scale but not less than £61,713 per annum, inclusive of London Allowance.

We invite applications from world class research scientists using theoretical or experimental approaches, with no restriction on organism or level of biological organisation studied. The appointment is part of a major initiative to strengthen and diversify research activity in evolutionary, population and environmental biology in newly refurbished laboratories within UCL.

The successful candidate will be expected to play a leadership role in this initiative and promote interaction across the diverse disciplines represented in the Department, the Division of Biosciences and across UCL, as well as co-ordinate efforts to respond to national and international funding initiatives. Furthermore, the successful candidate will play an important part in developing existing and new postgraduate training programmes and contribute to undergraduate teaching.

The successful candidate will have an international reputation in an area of Evolutionary and Population Biology and a track record of running a successful research group, securing competitive funding over a number of years and publishing high impact original research articles.

For further details about the vacancy and how to apply online please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1127113.

Informal enquiries may be made to Professor Andrew Pomiankowski, tel: +44 (0)20 7679 7413; email: a.pomiankowski@ucl.ac.uk. Queries regarding the application process should be addressed to Nick Mc Gee, tel: +44 (0)20 7679 8878; email: n.mcghee@ucl.ac.uk.

Closing Date: 3rd September 2010.
Interview Date: Week commencing 11th October 2010.
We particularly welcome female applicants and those from an ethnic minority, as they are under-represented within University College London at this level.

Ri.MED FOUNDATION

Call for applications for the awarding of
5 Postdoctoral Fellowships
for training and research in the field of biotechnology
and biomedicine in laboratories of the University of Pittsburgh
(Ref. Ri.MED – Ric/10)

The Ri.MED Foundation was created in 2006 as an international partnership between the Italian Government, the Region of Sicily, the National Research Council, the University of Pittsburgh, and the University of Pittsburgh Medical Center (UPMC) with the mission of improving health through research in Sicily and worldwide.

The Foundation also focuses on supporting regional economic growth through creating job opportunities as well as promoting basic and translational research.

The Foundation will contribute to developing biomedical research and a biotechnology industry in Sicily by establishing the Biomedical Research and Biotechnology Center (BRBC). The Center, housed in a state-of-the-art laboratory complex soon to be constructed near Palermo, is designed to undertake biomedical research that may ultimately lead to new drugs, vaccines, other biological products, and technologies.

In preparing the scientific workforce that will populate the BRBC, the Foundation is calling for applications for the assignment of five (5) one-year fellowships (renewable on an annual basis) to be awarded on the basis of qualifications and interviews.

Selected candidates will undertake their training and research activities in the laboratories of the University of Pittsburgh in the fields of Structural Biology, Computational Biology, Drug Discovery, Vaccine Development, Biomedical and Tissue Engineering/Regenerative Medicine, Molecular Imaging, and Neuroscience.

Eligible fellowship candidates must meet the following requirements: Degree in Medicine and Surgery, OR other doctoral Degree relevant to biomedical research. The Degree should already have been achieved or to be obtained by December 31, 2010.

Also required: excellent (spoken/written) English and Italian language and good knowledge of main software applications. Preferred: previous research experience in one of the aforementioned areas.

Candidates of both sexes are requested to submit their on-line applications by July 30, 2010 at www.fondazionerimed.com

Ri.MED Foundation – Piazza Sett’Angeli 10, 90134 Palermo.