Faculty of Science and Engineering
School of Environmental Sciences
Chair of Volcanology/Magmatic Processes
Salary Negotiable

The School of Environmental Sciences seeks a professorial appointment to its Earth Interior Dynamics research cluster. You will have an established international scientific reputation, will provide intellectual leadership in establishing a distinctive research group at Liverpool and will foster collaborative linkages outside of the University. You will have a track record of securing research funding and supervising research students.

We seek a volcanologist whose research interests may include the improved prediction of the timing and scale of volcanic eruptions and their potential impact, the physics of magma ascent, the interactions of magma with faults in the shallow Earth, the fluid dynamics of particulate dispersions and the setting of plutonism in volcano evolution.

Other potential research linkages within the School include those with earthquake and crustal-deformation geophysical studies of volcanoes and destructive plate margins, rock deformation and sediment transport and deposition.

You will contribute to teaching in degree programmes including BSc and MEarthSci in Geology, Geophysics and Physical Geography.

Job Ref: A-501409/S
Closing Date: 31 October 2011

For full details, or to request an application pack, visit www.liv.ac.uk/working/job_vacancies/ or e-mail jobs@liv.ac.uk
Please quote job ref in all enquiries.

COMMITTED TO DIVERSITY AND
EQUALITY OF OPPORTUNITY

OUR NEXT BREAKTHROUGH IS YOU.

LAWRENCE POSTDOCTORAL FELLOWSHIP

The Lawrence Livermore National Laboratory (LLNL) has openings available under its Lawrence Fellowship Program. This is a highly desirable postdoctoral position that provides freedom to conduct independent, cutting-edge research, directed by the candidate, in an area of the candidate’s choice. The duration of the Fellowship is up to three years. Typically two to four openings are available each year. Fellowships are awarded only to candidates with exceptional talent, credentials and a track record of research accomplishments.

Successful candidates will propose and subsequently conduct original research in one or more aspects of science relevant to the mission and goals of LLNL. Possible scientific areas include: Physics, Applied Mathematics, Computer Science, Chemistry, Material Science, Engineering, Environmental Science, Atmospheric Science, Geology, Energy, Lasers and Biology. Lawrence Fellows may participate in experimental or theoretical work at LLNL and will have access to LLNL’s extensive computing facilities and specialized laboratory facilities. A senior scientist will be matched to the Fellow to serve as a collaborator and mentor. The candidates will receive full management and administrative support. The salary is $8,092/mo.

Please refer to our web page https://fellowship.llnl.gov for eligibility requirements and instructions on how to apply. When applying and prompted, please mention where you saw this ad. The deadline for applications is November 1, 2011. LLNL is operated by the Lawrence Livermore National Security, LLC for the U.S. Department of Energy, National Nuclear Security Administration. We are an equal opportunity employer with a commitment to workforce diversity.
Clinical Tenure-Track Position in Mycology

The Laboratory of Clinical Infectious Diseases (LCID), Division of Intramural Research (DIR), National Institute of Allergy and Infectious Diseases (NIAID), is seeking an outstanding tenure-track investigator to work in the area of clinical mycology.

This clinical tenure-track investigator will implement and direct a leading research program that can include, but is not limited to, the diagnosis, management, drug treatment, immunology, and complications of fungal infections. The investigator will conduct a vigorous research program that includes inpatient and outpatient responsibilities at the NIH Clinical Center, at international sites, or both. Involvement in human studies of fungal diseases in patients is essential.

An outstanding postdoctoral record of research accomplishment is required. An M.D., M.D./Ph.D., or equivalent degree and board eligibility/board certification in pediatrics or internal medicine is required. Specialization in infectious diseases is highly desirable. The investigator will be expected to meet the requirements for authorization of patient care privileges by the Credentialing Services of the NIH Clinical Center and to devote at least 20 percent of his or her time to direct patient-related activities.

LCID conducts clinical and basic studies of important human infectious and immunologic diseases. The defining feature of LCID is the focus on patients and their infections to develop a comprehensive understanding of natural history, pathogenesis, pathophysiology, and management of diseases. The program integrates clinical, cellular, and molecular investigations. The major themes of the laboratory center on infections that are recurrent or chronic, as these provide insight into both host and pathogen. Additional information about LCID is available at www.niaid.nih.gov/labsandresources/labs/aboutlabs/lcid.

The investigator will be assigned independent resources to include clinical and/or laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries sufficient to foster success. This is a tenure-track appointment under Title 42. Salary is dependent on experience and qualifications.

Interested candidates may contact Steven Holland, M.D., Chief, LCID, DIR, NIAID, at 301-402-7684 or sholland@niaid.nih.gov for additional information about the position.

To apply, email your curriculum vitae, bibliography, and an outline of your proposed research program (no more than two pages) to Ms. Bao-Hanh Ngo at LCIDMycologyTTSearch@niaid.nih.gov. In addition, three letters of recommendation must be sent directly from the referees to Chair, NIAID DIR Mycology Clinical Tenure/Tenure-Track Search Committee, c/o Ms. Bao-Hanh Ngo at LCIDMycologyTTSearch@niaid.nih.gov or 10 Center Drive MSC 1356, Building 10, Room 4A-22, Bethesda, MD 20892-1356. Email is preferred. Applications will be reviewed starting on September 23, 2011 and will be accepted until the position is filled. Competitive candidates may be asked for additional references.

Further information about DIR laboratories is available at www.niaid.nih.gov/about/organization/dir, and information on working at NIAID is available at www.niaid.nih.gov/careers/yc1.
Postdoctoral Fellows, Laboratory of Immunology

Two postdoctoral fellow positions are immediately available in the newly established Molecular and Cellular Immunoregulation Unit (MCIU) in the Laboratory of Immunology at the National Institute of Allergy and Infectious Diseases (NIAID). MCIU aims to address diversity and plasticity of CD4 T helper (Th) subsets, regulation of Th cell fates/functions and the expression of lineage-specific genes by transcription factor complexes, and cellular/molecular requirements for the development of distinct Th subsets.

Projects include generation of multi-color "reporter" and fate-mapping murine models to study heterogeneous Th cell populations in autoimmune, allergic, and infectious settings, as well as genome-wide analyses of gene expression, epigenetic modifications, and transcription factor binding in these subsets using RNAseq and ChIPseq technologies. We are also interested in studying transcriptional regulation in other immune cells and human CD4 T cells, which may have implications in immune-related human diseases.

We are seeking highly motivated and collaborative individuals capable of independent reasoning and excited about learning new technologies. Candidates must have a Ph.D. or M.D. with less than five years of postdoctoral experience. Previous experience in molecular and cellular biology is required. Preference will be given to candidates who have knowledge in immunology, in vivo animal models, human diseases, or bioinformatics in high-throughput datasets analyses. Candidates should have excellent writing and communication skills.

To apply: Send a short statement of research goals, curriculum vitae, bibliography, and names and contact information of three references to Dr. Jeff Zhu at jzhu@niaid.nih.gov (email preferred) or to the following address:

Jinliang (Jeff) Zhu, Ph. D.
Molecular and Cellular Immunoregulation Unit
Laboratory of Immunology
National Institute of Allergy and Infectious Diseases
Building 10, Room 11302
10 Center Drive
Bethesda, MD 20892-1897
Faculty Position
Cell Biology Program
Sloan-Kettering Institute

The Cell Biology Program, Sloan-Kettering Institute (www.ski.edu) has initiated a search for tenure-track faculty members. We are interested in outstanding individuals who have the potential to develop an innovative, independent research program that complements and enhances our existing strengths. Candidates with research interests in exciting areas of eukaryotic cell biology, including aspects of stem cell biology, and using a variety of experimental approaches and systems are encouraged to apply.

New faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program. Sloan-Kettering has an outstanding infrastructure as well as state-of-the-art core facilities resources, and we are expanding our research programs.

The deadline for applications is November 1, 2011. Interested candidates should visit http://facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information regarding the required application materials, including deadlines for submission of letters of reference.

Informal inquiries may be sent to Tiffany Lennon at lenmont@mskcc.org or Dr. Alan Hall, Chair, Cell Biology Program at halla@mskcc.org. Memorial Sloan-Kettering Cancer Center is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University is the 2006 recipient of the Alfred P. Sloan award for Faculty Career Flexibility, and is committed to supporting the work-life balance of its faculty. Our NSF-supported ADVANCE program http://advance.washington.edu/ is dedicated to increasing the participation of women in STEM disciplines.

DIRECTOR OF THE MONTANA WWAMI PROGRAM

Montana State University Bozeman (MSU Bozeman) seeks an outstanding scientist and/or physician scholar and medical educator to serve as Director of the Montana WWAMI program (WWAMI: Washington, Wyoming, Alaska, Montana, Idaho). Program is a cooperative effort with the University of Washington School of Medicine (UWSOM) and is the flagship medical education program in Montana. MSU Bozeman provides the first year of the UWSOM curriculum for twenty Montana medical students working with WWAMI faculty. After forty years of a successful partnership with UWSOM, the Montana WWAMI program seeks to expand the influence and impact of the WWAMI program, which may include the addition of a second year of medical education at MSU Bozeman, WWAMI class size expansion, and/or other innovations. Biomedical and health research represent major strengths at MSU Bozeman, contributing to the prestigious “Very High Research Activity” Carnegie classification of the University. The successful candidate will be a visionary scientist and/or physician who will further develop and enhance the Montana WWAMI program. The Director will have both a faculty appointment at MSU Bozeman and an affiliate appointment with the title of Assistant Dean at the UWSOM.

MSU Bozeman is a land grant university consisting of nine colleges and a graduate school. MSU has a total enrollment of about 13,500, including approximately 2,000 graduate students, and research funding exceeding $100M annually. MSU Bozeman is the Montana University System (MUS) center for accelerated growth in health sciences research, teaching, and outreach. The Bozeman area has a population of approximately 65,000 and is located in a mountain valley sixty miles north of Yellowstone Park with superb recreational opportunities.

The required and preferred qualifications, and other details of the position, are described in the full vacancy announcement, which can be found at http://www.montana.edu/jobs/faculty/11193-2. Screening of applicants will begin on October 24, 2011, and will continue until the position is filled. Applications should include (1) a letter of application that addresses the required and preferred qualifications, and includes a vision statement for this position; (2) a current curriculum vitae; and (3) the names and contact information of five professional references. Electronic submissions in PDF format are preferred (applicant’s signature required on letter of application) indicating “Applicant - Search #11193-2” in the subject line of the email. Submit materials to: Sarah Miller, College of Letters and Science, PO Box 172360, Bozeman, MT, 59717-2360, sarah@montana.edu. ADA/EEO/AA/Veterans Preference.

Integrative Biologists in Cell Biology, Physiology, or Ecology

As part of a long-term hiring plan, the Department of Biology expects to fill multiple full-time tenure-track Assistant or Associate Professor positions. We encourage applications from candidates working in the broad areas of cell biology, organismal physiology, or interdisciplinary ecology. We are particularly interested in candidates appreciative of the breadth of research encompassed within the Department of Biology and whose work actually or potentially integrates perspectives from multiple disciplines. Some of many examples include:

- theoretical or empirical approaches to genotype – phenotype mapping
- systems or engineering approaches to cell biology
- ecological or evolutionary approaches to developmental biology, physiology, or both
- novel approaches to understanding interactions within or between organisms, or between organisms and their environment

As a Department, we are looking for individuals with a record of outstanding achievement or strong indications of outstanding future potential, rather than specific research topics or study organisms. Priority will be given to applications received by 15 October 2011 at: http://www.biology.washington.edu/faculty/search/. Applicants must have earned a doctorate by the date of appointment. All University of Washington faculty engage in teaching, research, and service.

The University of Washington is an Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University is the 2006 recipient of the Alfred P. Sloan award for Faculty Career Flexibility, and is committed to supporting the work-life balance of its faculty. Our NSF-supported ADVANCE program http://advance.washington.edu/ is dedicated to increasing the participation of women in STEM disciplines.

United States Department of Food and Agriculture (USDA) is seeking to fill the position of Assistant Director of the Institute of Youth, Family, and Community (USDA:IFS:11-03). This is a Senior Executive Service (SES) position. The salary ranges from $119,554 to $179,700, commensurate with experience.

As the Assistant Director of the Institute of Youth, Family and Community, the incumbent is responsible for providing scientific and managerial leadership and direction in formulating and implementing policies and programs that support research, education, and extension programs that ensure positive youth, family, human, educational, and community development. In addition, programs for science-based educational capacity building at all levels are a major focus. The incumbent serves as a principal scientific and management advisor to the Deputy Director for Food and Community Resources in administering, evaluating, planning, directing, and coordinating all activities related to the mission and function of NIFA, in execution of policies and practices of grant management, and in the allocation of resources to carry out these policies and practices. The incumbent is instrumental in elevating the standing of agricultural sciences within the Federal science enterprise and provides scientific, technical, and administrative input to the Director and Deputy Directors of NIFA. More information about NIFA can be found at http://www.nifa.usda.gov/.

A copy of the job announcement may be located on the Office of Personnel Management web page at http://www.usajobs.opm.gov/. As specified in the job announcement, applicants must meet minimum qualifications and address specific executive core and technical qualifications. All applications must be received by October 4, 2011. For information about the application process, contact Deborah Crump (301-504-1448). To learn more about NIFA, contact Betty Lou Gilliland (202-720-5506).

USDA IS AN EQUAL OPPORTUNITY PROVIDER AND EMPLOYER.
The Earth Sciences Division at Berkeley Lab is looking for individuals to fulfill strategic scientist and manager positions as well as postdoctoral positions in research programs that crosscut many areas of the geosciences disciplines. These include climate, carbon sequestration, ecology, geothermal energy, hydrogeology, and more. Individuals whose experience matches qualifications in computational modeling (specifically of coupled processes, reactive transport, and multi-phase flow), geotechnical engineering, and laboratory and field-work applications should apply.

See our open positions:
esd.lbl.gov/resources/workplace/hr/new_employees/job_opportunities.html

Berkeley Lab has over 150 openings in both science and operations. Visit our career web site for a complete listing (jobs.lbl.gov). Berkeley Lab is an affirmative action/equal opportunity employer committed to the development of a diverse workforce.
Korea University with 106 years’ history as the most prominent private-sector university in Korea invites applicants for tenure and non-tenure track research/education positions to begin in March 2012. The university, with a faculty of approximately 1,600 full-time professors, seeks to invite about 50 prominent scholars in about 50 fields. Responsibilities for tenure-track include teaching at least two courses per semester in English, conducting/publishing research, and assuming various administrative duties to support academic functions. Applicants must possess (i) at least native fluency in English and (ii) a Ph.D. by the time of application. Applicants must also have experience in teaching at the college level, a strong commitment to excellence in scholarship, and dedication to undergraduate and graduate teaching in their research areas. Visit our homepage at kuweb.korea.ac.kr/faculty to submit an application on-line and upload your research plan in file format.

[Enquiries] Phone : +82-2-3290-1072,1074
Fax : +82-2-929-9164
E-mail : faculty@korea.ac.kr

Bioengineering Faculty

George Mason University’s new Department of Bioengineering within the Volgenau School of Engineering is seeking exceptionally gifted tenure-track faculty. The successful candidate would join eight full-time colleagues to continue enhancing an undergraduate program, and to help plan a graduate program. Faculty rank will be commensurate with experience.

The primary requirement is excellence since the successful candidate will shape research and education in an ambitious new department. Candidates must have earned a doctorate in bioengineering, biomedical engineering, or a closely related field. Preference will be given to candidates with a strong potential for interaction in areas such as bioimaging, biometrics, biosensors, computational bioengineering, neuromorphic and rehabilitation engineering. See http://bioengineering.gmu.edu for an overview of Bioengineering at Mason.

Biochemistry (Analytical) Positions

The Structural Biology Program of the Sloan-Kettering Institute (www.ski.org) invites applications for a tenure-track faculty position at the Assistant Member level (equivalent to Assistant Professor). We are interested in individuals who have an outstanding record of research accomplishments. Areas of interest include x-ray crystallography, NMR spectroscopy, EM and optical imaging, as well as the interface of structural, chemical and computational biology. Faculty will be eligible to hold graduate school appointments in the Gerstein Sloan-Kettering Graduate School of Biomedical Sciences, the Weil Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

The deadline for applications is November 1, 2011. Interested candidates should visit http://facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference.

Informal inquiries may be sent to Julie Kwan at kwanj@mskcc.org or to Dr. Nikola Pavletich, Chair, Structural Biology Program at pavletin@mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

Bioengineering Position

The Department of Pharmacology at the University of Iowa is seeking highly qualified applicants for two tenure-track faculty positions at the Assistant, Associate, or full Professor level in the area of Neuroscience. Preferred areas of research include neuropharmacology, cellular and molecular neuroscience, integrative neurobiology, pain and neurodegenerative disorders involving genetic model systems. The department has new leadership and is undergoing expansion of its faculty (http://medicine.uiowa.edu/pharmacology/). Pharmacology faculty direct an NIH funded training program for pre-doctoral students in Pharmacological Sciences, and participate in interdisciplinary training programs in Neuroscience, Molecular and Cellular Biology, Pain Research, Genetics, and Medical Scientist Training Programs. Newly remodeled research space with exceptional shared instrumentation and core facilities is available. The positions include a 12-month salary, benefits and a competitive start-up package. All applicants must have a relevant doctoral degree, with at least two years of post-doctoral training, a commitment to biomedical education and demonstrate a high level of productivity, strong communication and interpersonal skills. Candidates will be judged on their potential to initiate and maintain a strong, independent research program, their desire to train students and postdoctoral fellows, and to participate in departmental teaching.

To apply, visit The University of Iowa website at http://jobs.uiowa.edu/ and search for position #59526z. Interested individuals should apply by submitting a CV, a statement of research and teaching interests, and a cover letter with contact information for at least three references. Questions should be directed to Dr. Curt D. Sigmund, Head, Department of Pharmacology, phone 319-335-7946, pharmacology-search@uiowa.edu. Review of applicants will begin immediately and will continue until the positions are filled. Anticipated start date is July 1, 2012. Questions may be directed to Curt D. Sigmund, Head, Department of Pharmacology, phone 319-335-7946, pharmacology-search@uiowa.edu.

The University of Iowa is an Equal Opportunity and Affirmative Action Employer.
USTC is seeking outstanding young scholars for “Thousand Young Talents Program” (national recruitment program of China) and “Hundred Talents Program of CAS”. “Thousand Young Talents Program”: Applicants should be under the age of 40, have obtained a doctoral degree in a world-renowned university, and have no less than three years of post-doctoral research experience. Applicants, who have obtained a doctoral degree in Mainland of China, should have no less than five years of overseas research experience after obtaining a doctoral degree. Special offers are granted to those who have made distinguished research achievements in their doctoral studies or in other areas. “Hundred Talents Program of CAS”: Applicants should be Chinese scholars under the age of 40. Applicants must have over four consecutive years of overseas research experience after obtaining a doctoral degree.

USTC also invites applications and nominations from outstanding scholars of all nationalities for faculty members at all ranks with full-time or part-time arrangements. Full-time positions include full professors/associate professors, assistant professors, and post-doctorates. Part-time positions are available for world-class scholars, who will use their sabbatical time to undertake research at USTC.

USTC has a broad range of academic disciplines, positions are available in all the relevant areas, including but not limited to: mathematics, physics, chemistry, astronomy, material science and engineering, geology, geophysics, biology, mechanics, instrumentation science and technology, power engineering and engineering thermal physics, fire and safety science, electronic science and technology, information and communication engineering, control science and engineering, computer science and technology, nuclear science and technology, environmental science and engineering, biomedical engineering, history of science and technology, management science and engineering. USTC especially encourages research that requires a multi-disciplinary and non-traditional approach and invites experienced scholars whose interests do not fall within the above areas to suggest new areas of research.

USTC offers competitive salaries and benefits. USTC offers competitive salaries among all the “C9 League” universities of China, and start-up packages (including adequate start-up research funds, ample laboratory space and research assistants). Benefits include spacious housing, medical insurances, pensions, etc. Professors of the specially listed programs will receive supplementary remuneration, including newly renovated office and laboratory spaces, and a highly collegial and interactive environment, as well as assistance on the establishment of a dedicated research team.

Send nominations and applications to: job@ustc.edu.cn. All applications should include a CV, a statement of career development plans, a detailed list of publications, and names and at least three references with the contact information of the referees. More information about USTC is available on the university homepage http://en.ustc.edu.cn/. Additional information about the Recruitment Programs is at http://employment.ustc.edu.cn/
MEMORIAL Sloan-Kettering Cancer Center

Faculty Position
Cell Biology Program
Sloan-Kettering Institute

The Computational Biology Program (http://cbio.mskcc.org) at MSKCC seeks innovative investigators for tenure-track positions at the Assistant, Associate, or Full Professor level. Pursue basic research, solve biological problems with major emphasis on computational methods, and build active bridges to experimental and clinical research. Actively participate in building out research programs at one of the best clinical-scientific institutions in the world. Work in MSKCC’s new Zuckerman Research Center, on Manhattan’s Upper East Side, in close proximity to Rockefeller University and the Weill Cornell Medical College. Train graduate students at our graduate school (skolan.kettering.edu) and in our other affiliated programs.

Areas of special interest include chemical biology, physiology, developmental biology, pharmacology, synthetic biology, cancer prevention and cancer biology. Applicants should have a doctoral level degree and the potential to develop an independent, interdisciplinary research program. MSKCC offers a highly interactive, supportive, collaborative and dynamic research environment with programs in Computational Biology, Developmental Biology, Molecular Pharmacology & Chemistry, Cancer Biology & Genetics, Structural Biology, Immunology, Cell Biology, Molecular Biology, and Human Oncology and Pathogenesis, as well as unparalleled clinical programs in cancer research, treatment and prevention.

Apply on-line at http://facultysearch.mskcc.org by November 1, 2011. The site lists the required application materials, timelines for submission of letters of reference and definition of the required IMPACT format of your bibliography. See also www.cbio.mskcc.org/faculty-search. Inquiries to Chris Sander, Chair, Computational Biology Program, via Dwana Agosto, Program Coordinator, at agostod@mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

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Duke University's Nicholas School of the Environment invites applications for a faculty position in Marine Ecology. The mission of the Nicholas School is to create knowledge and leaders of consequence for a sustainable future. Our focus is on leadership in education, research, and service to understand environmental processes, to understand human behavior related to the environment, and to inform society about the conservation and enhancement of the environment and its natural resources for future generations. This position will be based in the Division of Marine Science and Conservation and located at the Duke University Marine Laboratory, a vibrant intellectual community situated in Beaufort, North Carolina.

We seek a broadly trained ecologist with interests in the conservation of marine populations, species and ecosystems. The successful candidate will have a highly promising or distinguished record of research and a demonstrated interest in interdisciplinary scholarship. We are particularly interested in individuals whose work spans disciplinary boundaries and who are enthusiastic about working in an interdisciplinary setting that includes natural and social scientists and engineers.

The appointment may be made at the Assistant, Associate or Full Professor level. We seek candidates with a demonstrated record or exceptional promise of extramural funding, achievement and leadership in this field. Exceptional candidates will be considered for a University Professorship, reserved for scholars with demonstrated ability to transcend disciplines by producing superb scholarship in more than one area. The candidate will be expected to teach at the undergraduate level, to mentor Ph.D. and professional masters students and to support a vigorous, extramurally funded research program.

Interested individuals should send curriculum vitae, summary of research interests, and the names of three references via e-mail to: Laura Turcotte, Search Committee, Marine Ecology, Nicholas School of the Environment, Duke University; ljturco@duke.edu. The search committee will begin reviewing applications on 15 December 2011. The search will remain open until the position is filled.

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Duke University is an Affirmative Action/Equal Opportunity Employer.

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FACULTY POSITION IN POLYMER SCIENCE AND ENGINEERING AT DREXEL UNIVERSITY

The Department of Materials Science and Engineering at Drexel University (www.mse.drexel.edu) is seeking applications for a tenured/tenure-track faculty position with a demonstrated record of excellence in original research in polymer science and engineering. While primary consideration will be given to candidates with areas of expertise in synthesis and processing of polymeric materials, the ideal applicant should possess research interests in applying principles of polymer science in emerging research areas such as advanced energy technologies, biomedicai materials and devices, or environmental sustainability. Outstanding students, an accomplished faculty, dedicated staff, and investments in infrastructure within a staffed materials characterization facility in recent years have contributed to enhancing the quality of our academic programs and the visibility of our research profile. Our graduate program was recently ranked #11 among all materials PhD programs in the US by the National Research Council.

Applicants should submit a cover letter; a full curriculum vitae; statements of research and teaching plans; and references online at http://www.mse.drexel.edu/faculty/positions/. If a female candidate is selected at the Assistant Professor level, she will be eligible for the Anne Stevens Assistant Professorship. The position is available immediately and applications will be considered until the position is filled.

Drexel University is an Equal Opportunity Employer and encourages applications from qualified women and minorities.

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Tenure – Track Faculty Positions

The Department of Integrative Biology and Physiology at the University of Minnesota Medical School seeks outstanding faculty candidates in integrative systems biology, including areas of focus in the cardiovascular system, metabolism, diabetes and stress open to all ranks (Assistant, Associate, Full Professor). Substantial resources including new state-of-the-art research buildings are committed to this effort: http://www.ahc.umn.edu/research/bdd/. Successful candidates will have an innovative research program that embraces biological complexity from molecular building blocks to the living organism including focus on cardiovascular biology, metabolic syndrome, diabetes, obesity and stress. Applicants must have a strong record of research accomplishments, as documented by publications in leading peer-reviewed journals. A commitment to excellence in teaching is essential. Minimum requirements are a PhD, MD or MD/PhD with two or more years postdoctoral training. Additional information about the department: http://physiology.med.umn.edu/. Information on the vibrant Twin Cities community and Minnesota’s acclaimed high quality of life: http://www1.umn.edu/wishyouwerehere/

Applicants please apply on-line (http://employment.umn.edu – requisition number 169479); submit cover letter, curriculum vitae, statement of research interests and reference letters to this web address.

The University of Minnesota is an Equal Opportunity Educator and Employer.
THE POSITION: The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) is seeking exceptional candidates for the position of Scientific Director for its Division of Intramural Research (DIR). The incumbent oversees the NIDDK intramural research program and serves as the principal advisor to the NIDDK Director on biomedical and scientific affairs involving the intramural research program. The NIDDK supports and conducts research to understand, treat, and prevent some of the most common and severe diseases affecting the public health (www.niddk.nih.gov). This position offers a unique and exciting opportunity for an extremely capable individual to plan and oversee basic and applied research programs; evaluate research efforts and establish program priorities; allocate resources; direct training of pre- and post doctoral fellows; collaborate with other NIH programs; and advise the NIDDK Director and senior staff on the DIR and areas of science of interest to the Institute. The Intramural Division has a staff of approximately 850 employees and the FY11 budget is ~$180 million. In addition to the managerial/administrative responsibilities outlined above, the Scientific Director may carry out his/her own research program. Resources commensurate with the proposed program will be provided. The NIDDK seeks candidates who have a commitment to scientific excellence and the energy, enthusiasm, and innovative thinking necessary to maintain the DIR’s research efforts at the forefront of science.

QUALIFICATIONS: Applicants must possess an M.D., Ph.D., or equivalent degree, and have demonstrated scientific leadership and senior-level research experience in both a basic and clinical research program of national and international standing in an area relevant to NIDDK’s research portfolio.

SALARY/BENEFITS: Salary is very competitive and will be commensurate with the experience of the candidate. A full package of Civil Service benefits is available, including: retirement, health and life insurance, long term care insurance, leave and savings plan (401K equivalent). The position is subject to a background investigation.

HOW TO APPLY: Interested candidates should send a letter of interest, including a brief description of research and administrative experience; curriculum vitae and bibliography; NIH Bioresearch; and full contact information for three to five individuals who may be contacted to provide letters of reference. Application packages should be sent to the National Institutes of Health (NIDDK), 31 Center Drive, MSC 2560, Building 31, Room 9A-27, Bethesda, Maryland 20892, or electronically to balinj@mail.nih.gov. For further information about the position, please contact Dr. Dan Kastner on (301) 402-2023, or e-mail at dan.kastner@nih.gov.

Applications should be received by October 21, 2011.
Get a Career Plan that Works.

An exceptional career requires insightful planning and management. That's where Science Careers comes in. From job search to career enhancement, Science Careers has the tools and resources to help you achieve your goals. Get yourself on the right track today and get a real career plan that works. Visit ScienceCareers.org.
Fueling the Future of Energy

The King Abdullah Petroleum Studies and Research Center (KAPSARC) is an independent research and policy center committed to conducting objective, high-caliber economic and policy research and studies in the areas of energy and the environment. KAPSARC work will increase the understanding and development of solutions to help shape a sustainable energy future for the world. Working with international scholars and research organizations, KAPSARC studies advance the global dialogue on energy and the environment. The Center informs policymakers and industry of research on efficient petroleum use, reduced carbon emissions, sustainable energy solutions, and the adoption of new energy and environmental technologies.

KAPSARC
King Abdullah Petroleum Studies and Research Center

We are seeking to fill the following positions:

Program Directors (Senior Research Fellows)
Domestic Energy and Economic Development Program
Energy Efficiency and Productivity Program

Project Managers (Fellows)
Domestic Energy and Economic Development Research Program
Environment and Carbon Management Research Program
Energy Efficiency and Productivity Program
Energy and Environmental Technology Program

The ideal candidates will have an advanced degree (Ph.D. or equivalent is preferable) in engineering, physical sciences, economics, public policy, environmental sciences, international relations and social or behavioral sciences.

To apply, please send your resume to staffing@kapsarc.org
www.kapsarc.org

The University of Texas at Austin

Microbial Biology

The Department of Molecular Genetics and Microbiology at the University of Texas at Austin invites applicants for a tenure-track/tenured faculty position in microbiology at the Assistant, Associate or Full Professor level. Candidates should have an outstanding record of research productivity and a well-conceived research plan. We will consider candidates studying broad topics in microbial biology, including bacteriology, mycology, and parasitology. We seek an investigator who will build an active, funded research program and will teach effectively at the undergraduate and graduate levels. The successful candidate will be eligible for membership in the Institute for Cellular and Molecular Biology, will have access to its extensive core facilities, and will have the opportunity to participate in several graduate programs. The position offers excellent start-up funds, salary and laboratory space in a new building that is part of a dynamic, highly interactive research environment. Austin is located in the Texas Hill Country and is widely recognized as one of America’s most attractive and livable cities.

Please send a single PDF file containing your curriculum vitae, summary of research interests, and names of three references before November 21, 2011 to Dr. Robert M. Krug, Professor and Chair, Molecular Genetics and Microbiology: mgm_search@biosci.utexas.edu. Reference letters should also be sent to the same email address before November 21.


The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply; a background check will be conducted on applicant selected.

The University of Illinois

Global Change Ecology - Assistant Professor

The School of Integrative Biology and the School of Earth, Society, and Environment at the University of Illinois, Urbana-Champaign, seek an outstanding ecologist who studies biogeochemical cycles at landscape to global scales using observational, experimental, theoretical and/or modeling techniques. Candidates must have a Ph.D. or equivalent in a relevant field. Post-doctoral experience is highly desirable. The successful candidate will be expected to develop an externally funded research program, teach at undergraduate and graduate levels, and collaborate with faculty to develop research initiatives in global change ecology and earth system science.

The University of Illinois is a public university with more than 40,000 students and provides a highly collaborative and supportive academic environment, with opportunities for interactions with the Program in Ecology, Evolution, and Conservation Biology; the Center for Water as a Complex Environmental System; the Energy Bioscience Institute; the Institute for Genomic Biology; the National Center for Supercomputer Applications; the Beckman Institute; the Center for Transformative Climate Solutions, and the Illinois State Natural History, Geological, and Water Surveys. Urbana-Champaign, located 120 miles south of Chicago, is home to a diverse ethnic population, and provides superb public and private schools, a variety of cultural opportunities, quality public transportation, and a rapidly expanding community of high-tech businesses.

The appointment is for a full-time tenure-track Assistant Professor. The target start date is August 16, 2012. Salary is commensurate with experience.

To ensure full consideration, please create your candidate profile through http://go.illinois.edu/GCEAAsstProf and upload your application letter, curriculum vitae, summary of research and plans, teaching philosophy and experience, and contact information for three professional references by October 21, 2011. References will be contacted electronically upon the submission of the application. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. For further information contact Global Change Ecology Search Chair, sib@life.illinois.edu.

Illinois is an Affirmative Action /Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu)
TWO FACULTY POSITIONS Center for Phage Technology
The Department of Plant Pathology and Microbiology and Veterinary Pathobiology at Texas A&M invites applications for tenure-track ASSOCIATE or ASSISTANT PROFESSOR in Translational Neurobehavio...
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Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, computational/mathematical, earth, medical/health, or physical science, or any engineering discipline. Individuals with a master’s degree in engineering and three years of post-degree professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.
The application deadline for the 2012-2013 AAAS Fellowships is 5 December. Fellowships are awarded in the spring and begin in September. Stipends range from $74,000 to $97,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

Full details at: fellowships.aaas.org
OPEN RANK POSITION in Global Environmental Social Science and Policy
Brown University
Center for Environmental Studies & Environmental Science Initiative

Brown University announces a search for a social scientist with broad interests in the science and policy of global environmental change. We seek an outstanding researcher with a strong record of interdisciplinary collaboration whose strengths will complement and integrate existing endeavors. At Brown, the numerous interests and activities of areas of particular interest include socio-economic aspects of energy, water, or land use decisions, energy and climate policy, environmental risk analysis, environmental governance, and climate change adaptation. Although we would prefer to hire at the senior (tenured) level, this appointment can be at any rank: ASSOCIATE PROFESSOR or PRO- FESSOR, tenured in an appropriate department such as in Anthropology, Economics, Political Science, Sociology, or one of Brown’s area studies departments. The successful candidate will be expected to contribute to interdisciplinary research programs, teach environmental courses in their area of specialty and advise undergraduate and graduate students, especially on thesis research projects. Requirements include an outstanding record of externally funded research and peer-reviewed publication mentoring departmental appointees, and maintaining excellence in graduate and undergraduate education; and potential for intellectual leadership and interdisciplinary collaboration.

To apply, please send a letter of interest and current curriculum vitae to: Chair, Environmental Science Initiative, Brown University, Providence, RI 02912-1943. If you are applying for this position at the rank of Assistant Professor, please have three letters of reference sent to us. If you are applying at the rank of Associate Professor or Professor, please include the names of five references with your application. For further inquiries, please contact e-mail: patti.catton@brown.edu. Applications must be received by November 15, 2011 in order to receive full consideration, but the search will remain open until the position is closed or filled. Brown University is an Equal Employment Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSOCIATE PROFESSOR
Neural Circuits and Behavior
The Division of Basic Biomedical Sciences
Sanford School of Medicine of the University of South Dakota

The Division of Basic Biomedical Sciences at the University of South Dakota’s Sanford School of Medicine invites applications for a tenure-track faculty position at the Assistant Professor level. Applicants should have a Ph.D. or M.D.-Ph.D. in Neuroscience, Molecular Biology or a related discipline and at least two years of postdoctoral experience. We seek energetic, interactive individuals whose research interests include cellular mechanisms of learning and memory, stress, brain injury, addiction, or necroptosis (see website: http://www.usd.edu/medical-school/biomedical-sciences/neurogroup/faculty.cfm for a list of Neuroscience faculty and http://www.usd.edu/medical-school/biomedical-sciences/faculty-and-staff.cfm for a complete list of faculty within the Division of Basic Biomedical Sciences). Successful candidates will be expected to develop an independent, externally funded research program and to participate in teaching graduate or medical students. Excellent startup funds, state-funded salary commensurate with experience and state-of-the-art research facilities in the new Lee Medical Science Building (Vermillion, South Dakota) will be provided. Application should include curriculum vitae, a summary of past research and teaching experience, a statement of research interests and future plans as well as the names of three references. All materials should be sent to: Chair, Associate Professor Search Committee, Sanford School of Medicine, University of South Dakota, 1000 Hilltop Circle, Vermillion, SD 57069, e-mail: associateprofessorsearchcommittee@usd.edu. Applications will be considered until the position is filled. The University of South Dakota is an Equal Opportunity/Affirmative Action Employer. Women, men and minorities are encouraged to apply.

TENURE-TRACK ASSOCIATE PROFESSOR
Indiana University, Bloomington
Analytical or Bioanalytical Chemistry

The Department of Chemistry at Indiana University invites applications for a tenure-track assistant professor position at the assistant professor level in any area of analytical or bioanalytical chemistry beginning August 2012. A Ph.D. in chemistry or a related field is required, and postdoctoral experience is preferred. Successful candidates will be expected to develop a visible, externally funded research program and teach at the graduate and undergraduate levels. Applicants should send a complete curriculum vitae and summary of future research plans. Also, applicants should arrange to have four letters of recommendation forwarded to the Department Chair. Review of applications will commence on October 20, 2011. For full consideration, applications should be received by November 15, 2011. The University of Indiana is an Equal Employment Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

POSTDOCTORAL RESEARCH FELLOWSHIP
FOR M.D. AND/OR Ph.D.: The Northwestern University Program in Endocrinology, Diabetes and Hormone Action (NUPEDHA) is accepting postdoctoral fellow applications. The program is funded by an NIH Institutional NRSA supporting basic translational and clinical research in endocrinology, diabetes, and hormone action. Available faculty mentors are internationally recognized leaders in these topic areas. Eligible candidates will have an M.D. and/or Ph.D. and must devote at least 75 percent effort to the training program. Candidates must also be a U.S. citizen or possess a current green card. Applications are being accepted from August 15, 2011 through October 15, 2011. For more information including application materials and available mentors, contact Melissa Mizwa at e-mail: ad-admin@northwestern.edu or telephone: 312-503-2902 or visit website: http://nupedha.northwestern.edu/.

TENURE-TRACK POSITIONS
In Epigenomics and the Bioinformatics of Human Disease at Indiana University School of Medicine – Bloomington

Indiana University School of Medicine – Medical Sciences (Bloomington) has applications for two 12-month tenure-track positions—one in epigenetics/genomics and the other in bioinformatics. The successful applicants will join faculty from Medical Sciences and the College of Arts and Sciences (Biology, Biochemistry, Chemistry), and will further develop collaboration with the School of Informatics and Computing in Bloomington (website: http://www. soic.indiana.edu/), the Center for Computational Biology and Bioinformatics in Indianapolis (website: http://www.compbio.iupui.edu/), the Melvin and Bren Simon Cancer Center (website: http://www.cancer.iu.edu/) and the Center for Cancer Systems Biology (website: http://motif.bmi.indiana-state.edu/). Successful applicants must have a Ph.D., M.D., or M.D.-Ph.D., demonstrate a strong potential to establish an externally funded research program, and contribute to the departmental teaching mission at the undergraduate, graduate, or medical level. Additional information may be obtained from website: http://bloomington.medicine.iu.edu. Full review of applications will commence November 1, 2011, and continue until the position is filled. Applicants should send a single attachment containing: curriculum vitae, statement of research interests and directions; statement of teaching philosophy; and summary of current and anticipated research support to: bioinformatics@iu.edu. Additional materials of reference can be sent as separate documents. Indiana University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

CHAIR, INTEGRATIVE BIOLOGY
University of Colorado Denver

Integrative Biology seeks an innovative leader with administrative experience who will advance the strategic vision of our growing department (website: http://claus.ucdenver.edu/biology). The successful candidate will develop an effective leadership team and promote excellence in research and teaching, while maintaining a strong research program.

CU Denver is classified as an RU/H institution, with over 23,000 students. The Department, which occupies a new building, offers B.S. and M.S. degrees and is developing a doctoral program.

Applicants should have a Ph.D. in biology or related field, a distinguished record of scholarship commensurate with expectations for appointment at the rank of full professor, extramural funding, and academic leadership experience. Preference will be given to candidates with current and anticipated track record of research programs that take an integrative systems approach.

Submit to website: http://www.jobsatcu.com (job #814690): (1) curriculum vitae; (2) statements describing: administrative experience, research program, and teaching interests; and (3) complete contact information for three references.

Review of applications begins 15 October 2011 and continues until filled. Contact for position: Leo P. Bruederle, Ph.D. at e-mail: leo.bruederle@ucdenver.edu.

We are dedicated to ensuring a safe and secure environment for our faculty, staff, students, and visitors. To assist in achieving that goal, we conduct background investigations for all prospective employees.

The University of Colorado is committed to diversity and equality in education and employment.

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