FACULTY POSITION in PLANT SIGNALING MECHANISMS

The University of North Texas (UNT) seeks candidates at the PROFESSOR level with an active research program in metabolomics, cell biology, or genomics. Exceptional candidates at the ASSOCIATE PROFESSOR level may also be considered. The successful candidate must have a strong record of obtaining extramural funding, and will be an integral part of a new initiative in plant signaling mechanisms targeted by the UNT administration for research cluster support. This faculty-hire will be part of a new four-member group that is being recruited to the University of North Texas over the next three years to enhance research activities in the plant sciences. Exceptional startup funding and salary will be provided. An 80,000 square-foot, state-of-the-art Biosciences Building is being constructed that will house the plant signaling research cluster. Potential interactions exist with plant science researchers at the nearby Samuel Roberts Noble Foundation. Send cover letter with qualifications and research interests and curriculum vitae to: Dr. Kent Chapman, Plant Signaling Mechanisms Search Committee Chair, University of North Texas, Department of Biological Sciences, 1155 Union Circle #305220, Denton, TX 76203-5017; e-mail: chapmanunt.edu. Applications will be reviewed beginning February 20, 2009, and will continue until the position is closed. UNT is the largest and most comprehensive University in the north Texas region with 96 undergraduate, 111 Master’s, and 50 doctoral degree programs. It is the fourth-largest University in Texas, with nearly 35,000 students and eight straight record increases in annual enrollment. UNT is located in Denton in the vibrant, rapidly expanding Dallas/Fort Worth (DFW) metropolitan, with easy access to DFW airport. New research initiatives were announced in September 2008 (website: http://web3.unt.edu/news/story. cfm?story=11146). Also see website: http://www.biol.unt.edu.

Affirmative Action/ADA/Equal Opportunity Employer.

The Department of Physiology and Developmental Biology at Brigham Young University announces the availability of a permanent (continuing faculty status track) FACULTY position. Review of applications will begin in February 17, 2009, and continue until the position is filled. Applicants should have a Doctorate degree and postdoctoral experience, with expertise and teaching capability in developmental biology, physiology, pharmacology, cell biology, anatomy, neuroscience, or histology. Candidates must demonstrate a high potential for establishment of an externally funded research program. Send curriculum vitae and one-page statement of research and teaching interests/goals to: Dr. Allan Judd, Search Committee Chair, Department of Physiology and Developmental Biology, Brigham Young University, Provo, UT 84602. (Telephone: 801-422-3179; fax: 801-422-0700; e-mail: allan_judd@byu.edu.) Additional information is available at BYU is an Equal Employment Opportunity Employer. Preference is given to qualified candidates who are members in good standing of the affiliated church, the Church of Jesus Christ of Latter-day Saints.

ASSISTANT PROFESSOR of BIOLOGY

The Biology Department at Armstrong Atlantic State University, website: http://www.biology. armstrong.edu, seeks applications for a tenure-track position in eukaryotic cell/molecular biology. A Ph.D. is required; postdoctoral experience preferred. A second Professor is also available for an Assistant Professor (renewable up to three years), both beginning August 2009. Review of completed applications will begin on January 5, 2009, and continue until the position is filled. Please visit website: http://www.hr.armstrong. edu/jobs.htm for details.

ASSOCIATE PROFESSOR of BIOLOGY

The Biology Department at Armstrong Atlantic State University, website: http://www.biology. armstrong.edu, seeks applications for a tenure-track position in eukaryotic cell/molecular biology. A Ph.D. is required; postdoctoral experience preferred. A second Professor is also available for an Assistant Professor (renewable up to three years), both beginning August 2009. Review of completed applications will begin on January 5, 2009, and continue until the position is filled. Please visit website: http://www.hr.armstrong. edu/jobs.htm for details.

POSTDOCTORAL FELLOW

The Center for Cardiovascular Research Department of Biochemistry and Molecular Biology
Saint Louis University School of Medicine
Saint Louis University, a Catholic, Jesuit institution dedicated to student learning, research, health care, and service, is seeking applicants for a Postdoctoral Fellow in the Edward A. Doisy Department of Biochemistry and Molecular Biology, beginning in the winter of 2009. A Postdoctoral position is now available in the laboratory of Dr. David Ford. Successful candidates are expected to have a Ph.D. degree in life or physical sciences with a special emphasis on cardiovascular research or drug discovery. Applicants will have experience using mass spectrometry to research dynamic alterations in lipidomics and signaling pathways in metabolic and cardiovascular diseases are available in the laboratory. NIH standards will be used in setting the pay scale.

Interested candidates must submit a cover letter, application, and current curriculum vitae to: website: http://jobs.slu.edu (position number 20080680).

Saint Louis University is an Affirmative Action, Equal Opportunity Employer and encourages nominations of an application from women and minorities.

BIOCHEMISTRY and MOLECULAR BIOLOGY FACULTY POSITION

University of California, Los Angeles (UCLA)
The Biochemistry Division of the Department of Chemistry and Biochemistry (website: http://www. biochemistry.ucla.edu) is seeking applications for a faculty position. The position may be filled at the ASSISTANT PROFESSOR (tenure track) or at the ASSOCIATE PROFESSOR or FULL PROFESSOR (tenured) level. We invite outstanding candidates in any area of biochemistry and molecular biology. The new faculty member will be expected to develop a strong and creative research program and contribute to teaching in biochemistry.

Applications should include curriculum vitae, list of publications, a summary of research accomplishments (one to two pages), future research plans (three pages) and two to three reprints of representative publications. Applicants should also arrange to have three letters of reference sent to the address below. To assure consideration, all application materials and letters should be received by January 20, 2009. Please do not send applications by e-mail. All application materials should be sent to: Chair, Biochemistry Search Committee, c/o Penny Jennings, Department of Chemistry and Biochemistry-UCLA, P.O. Box 951569, Los Angeles, CA 90095-1569.

The University of California is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to the development of a climate that supports equality of opportunity and respect for differences.

POSTDOCTORAL RESEARCH ASSOCIATE POSITION in immunology at Brown University in the Department of Molecular Microbiology and Immunology. A position is available for an individual interested in cytokines and innate immune responses to viral infections. Focus of the project is on regulation of cytokine signaling and the role of signal transducers and activators of transcription in shaping cellular responses. The successful candidate must have a Ph.D. or equivalent experience in immunology. It is preferred that the candidate’s research experience focus on signaling.

Review of applications will begin immediately and will continue until the position is filled or the search is closed. Send curriculum vitae and three letters of recommendation to: Prof. Christine Biron, Brown University, P.O. Box G-B6, Providence, RI 02912.

Brown University is an Equal Employment Opportunity/ Affirmative Action Employer and encourages applications from minorities and women.
Lead the next generation of drug discovery informatics

Eli Lilly and Company is a leading, innovation-driven pharmaceutical corporation with a firm commitment to help people live longer, healthier and more active lives by making breakthroughs in medicines and treatments.

To find the next generation of drugs, we know we need to use next generation technologies and employ the best of the biopharmaceutical industry.

The Integrative Computational Sciences (ICS) group at Lilly Singapore Centre for Drug Discovery (LSCDD), provides state-of-the-art computational solutions to enable the global efforts of drug discovery, translational medicine and tailored therapeutics at the post genomic era.

We study the genetics base of complex diseases and develop novel algorithms, data analysis methods, simulation models and tools for drug discovery, biomarkers identification, epigenetics research, population stratification and prediction of dose response.

ICS integrative analyzes solutions, and biological interpretations of complex multi-dimensional data are applied in various therapeutic areas such as Oncology, Diabetes, Neuroscience and Cardiovascular diseases.

As an ICS team member with strong analytical and scientific insight, you will have a global impact on the future of personalized medicine: ‘The Right Drug, at The Right Dose for The Right Patient at The Right Time’!

Lilly Singapore is expanding and the ICS group is looking for candidates in the following positions:

- **Bioinformatics Manager**
- **Sr. Statistical Geneticist**
- **Sr. Bioinformatics Scientist**
- **Sr. Cheminformatics Scientist**
- **Principal Statistician**
- **Scientific Liaison**

The successful candidates will work closely with their bioinformatics, statistics and software engineering peers at ICS and will collaborate with biologists, chemists, geneticists and physicians at Eli Lilly. We work closely with Lilly System Biology and Drug Discovery Research teams at Singapore as well as with the Discovery Informatics organization and the Global Discovery Statistics group in Europe and USA.

**Minimum requirements:**
- Ph.D. in Statistical Genetics/Bioinformatics/Computational Biology/Biostatistics/Biophysics/Cheminformatics or a related discipline
- 3 years’ post-graduation experience
- Background in Oncology / Diabetes / Cardiovascular Neuroscience
- Statistics: SAS/R/S-Plus/Partek
- OS: Unix/Linux, Windows
- Databases: Oracle/SQL/mySQL
- Scripting: Perl, Shell

**Preferred Experience:**
- Industry experience in Biotech/Pharmaceutical/Drug Discovery
- Experience in the analysis of large data sets such as microarrays, sequencing, proteomics and imaging data
- Strong publications record
- Demonstrated learning agility
- Excellent communication and multidisciplinary collaborative skills

For more information and online application, please visit [www.lscdd.lilly.com.sg/lscdd/careers](http://www.lscdd.lilly.com.sg/lscdd/careers).

**www.lscdd.lilly.com.sg**
The National Institute of Allergy and Infectious Diseases (NIAID), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services, is recruiting for a Research Fellow. The position will be available in the Molecular Pathology Section of the Laboratory of Immunopathology, and scientists with a M.D., Ph.D., or D.V.M. are eligible. The research activity involves (1) studies of the roles played by CTCF in imprinting, X chromosome inactivation, and the organization of transcriptional domains; and (2) analyses of BORIS expression and function in gametogenesis and stem/progenitor cells, in response to infectious agents, as well as the consequences of aberrant expression in cancers. This full-time research position offers a unique opportunity to work on investigations that range from basic molecular biology to studies of gene-manipulated mice in a collaborative environment, and provides excellent training for scientists who plan a career in molecular biology, infectious disease and cancer research.

Research Fellow applicants should have three or more years of relevant post-doctoral experience; the salary range is $44,180 - $108,319. A full package of benefits (including retirement, health, and long term care insurance, Thrift Savings Plan participation, etc.) is available. Applicants with an M.D. degree are eligible for the NIH Loan Repayment Program. Applicants should send their curriculum vitae, a letter of interest, and names and addresses of three (3) references to Victor Lobanenkov, Twinbrook I, Room 1417, 5640 Fishers Lane, Rockville, MD 20892, FAX: (301)-402-0077, email: vlobanenkov@niaid.nih.gov

For further information about NIAID and available job opportunities, please visit:  
http://healthresearch.niaid.nih.gov/dl

**Director, Division of Pharmacotherapies and Medical Consequences of Drug Abuse**  
National Institute on Drug Abuse • Department of Health and Human Services • National Institutes of Health

The National Institute on Drug Abuse (NIDA) at the National Institutes of Health (NIH) is seeking a senior-level scientist with expertise in medications development and the conduct of clinical trials who will bring significant experience to operate in an intellectually challenging Federal biomedical research institution engaged in a national research program to understand the biomedical and social causes and consequences of drug addiction throughout the world.

This is a scientific executive position that offers a unique and challenging opportunity for the right individual to direct an extramural scientific program of national and international scope within NIDA.

The position entails providing leadership in the development of new medications for the treatment of addictive disorders. To accomplish this mission, the division (1) plans and directs studies to identify, evaluate, and develop new medications for Food and Drug Administration (FDA) review and approval; (2) develops and administers a national program of basic and clinical pharmaceutical research, conducted at academic settings, to develop innovative immunological and pharmacological treatment approaches; (3) supports training in the preclinical and clinical sciences; (4) collaborates with the pharmaceutical industry and other Federal medications development programs (e.g., National Institute on Alcohol Abuse and Alcoholism) to facilitate medications development for addictive disorders; and (5) works closely with the FDA to assure that the research designs to show efficacy are evaluated and approved in the most expeditious manner.

NIH encourages the application and nomination of qualified women, minorities, and individuals with disabilities.

HHS and NIH are Equal Opportunity Employers.
Announcement Number:  NCI-09-303083-DH
Position:  Associate Director, Translational Research Program,
Division of Cancer Treatment and Diagnosis

The National Cancer Institute (NCI) is responsible for stimulating and supporting scientific discovery and its application to achieve a future when all cancers are uncommon and easily treated. We are seeking a highly energetic and creative individual to head its Translational Research Program (TRP) within the Division of Cancer Treatment and Diagnosis (DCTD).

The mission of the Translational Research Program (TRP) is to integrate scientific advancements in the understanding of the biology of human cancer with the development of new interventions for the prevention, diagnosis, and treatment of cancer patients or populations at risk for cancer, by fostering broad interdisciplinary investigations that focus on bringing discoveries from the laboratory to the clinic, and coordinating resources of the National Cancer Institute with those of academia, industry, and non-profit organizations/Foundations to reduce cancer incidence, morbidity and mortality, to extend survival, and to increase the quality of life of cancer patients.

This is accomplished by:

• Planning, advising, coordinating, evaluating, and supporting the Specialized Programs of Research Excellence (SPOREs), which use the P50 grant funding mechanism, to translate novel scientific discoveries from the laboratory and/or population studies to the clinic for testing in humans with cancer, to determine the biological basis for clinical observations, and to use specimens from clinical studies to determine correlations between biomarkers and outcomes in patients.

• Encouraging and facilitating collaborations between SPOREs, Cancer Centers, other NCI/NIH funded mechanisms and programs, and outside organizations, to increase cross-fertilization of ideas, leverage resources, reduce duplication, and ensure access of resources to projects and investigators.

• Establishing high-quality organ-specific tumor specimen banks to provide research resources for the cancer research community.

• Maintaining the Developmental Research Program and Career Development Program of the SPOREs to promote high risk/high payoff projects and to ensure the development of promising researchers new to translational research.

• Supporting research in high incidence cancers as well as in rare cancers.

• Collaborating with patient advocates who support translational science in cancer.

The Translational Research Program will have approximately 10 employees and supports an operations budget and the SPOREs grant portfolio. The program is located in Rockville, Maryland.

Qualifications Required: Candidates must have an M.D./D.O. degree and a current U.S. medical license. Board Certification or eligibility in Medical or Pediatric Oncology/Hematology, or Pathology is highly desirable. Candidates should be internationally recognized as an expert in the field of oncology with extensive experience in the conduct of translational research, including prior and/or current expertise in translational laboratory-based research. Understanding of and experience in clinical research, including knowledge and understanding of the science and regulatory issues related to clinical trials is also required. The selectee will perform clinical duties at least ten percent of the time which will involve direct patient care or work incident to patient care. Other qualifications include a demonstrated acumen for strategic plan development, implementation, evaluation; analysis of objectives and outcomes; management of financial and human resources; and implementation of EEO principles. The candidate must also have the ability to communicate clearly and effectively both in writing and orally, skill in establishing and maintaining effective collaborative relationships with other health care professionals and scientists within and outside the organization, and demonstrated experience providing managerial leadership to other professional staff including coordination of work and evaluation of output. Knowledge of NIH/NCI grant and contract mechanisms and processes is extremely desirable. Appointments are limited to U.S. citizens.

Salary and Benefits: Total annual compensation will be commensurate with education and experience. Various incentives may apply in individual circumstances, based on experience and expertise. A recruitment incentive/bonus and relocation expenses may also be available to the selectee. Full Federal benefits including health and life insurance options, retirement, paid holidays, vacation and sick leave will be provided.

How to apply: To obtain the mandatory application requirements and other necessary information, please visit: http://jobsearch.usajobs.opm.gov/a9nih.asp,Vacancy Announcement number,  NCI-09-303083-DH. For more information on applying, please contact Ms. Mary Lou Weathers at (301) 402-5059, email: weatherm@mail.nih.gov.

APPLICATIONS MUST BE RECEIVED BY FEBRUARY 27, 2009.
The Max Planck Institute for Demographic Research (MPI-DIR) seeks to recruit a **Research Scientist** to conduct research for the Laboratory of Demographic Data. Qualified demographers, sociologists, statisticians, and other scientists with a research background in the social sciences are invited to apply. We intend to fill the position as soon as possible. The duration of the contract will initially be limited to three years. The salary is paid according to qualification and in accordance with the rules of federal employees in Germany, up to level 14 TVöD.

The successful applicant must have completed Ph.D. degree in demography or a related field. He or she must have a proven record of scientific work on population change in Europe or other industrialized societies as well as proficiency in demographic methods and computer applications. The work will include processing and analysis of demographic data on fertility and family dynamics. The position requires practical skills in handling demographic data, expertise in statistical analysis and relevant packages. Fluency in English is essential. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Society wishes to increase the share of women in areas where they are underrepresented, and strongly encourages women to apply.

Applications should include a CV with a statement of academic interests and relevant experience, a list of publications, two recommendations, and contact details of two referees.

Please send all materials by 20th of January 2009 to the:

Max Planck Institute for Demographic Research
Attn. Edelgard Katke
Konrad-Zuse-Str. 1, 18057 Rostock, Germany
Email: katke@demogr.mpg.de
Department of Biotechnology
Ministry of Science and Technology
Government of India

Executive Director (1 Post)
Deans (3 Posts)
National Agri-Food Biotechnology Institute (NABI)

Chief Executive Officer (1 Post)
Food Bioprocessing Unit (FBPU)

To be located at the knowledge City
Sector 81, Mohali, Punjab

The Department of Biotechnology, Ministry of Science & Technology, Government of India is establishing an Agri-food cluster comprising National Agri-food Biotechnology Institute (NABI) and a Food Bioprocessing Unit (FBPU) in the ambience of an Agri-food Biotechnology Park in the Knowledge City, Sector 81, Mohali, Punjab. The goal of NABI will be to serve as a Centre of Excellence in inter-disciplinary science, translational science and product development with focus on agri-biotechnology, food science technology, nutrition sciences and nutraceuticals. It will also train world-class human resource in these areas. The FBPU will act as a real-time interface between laboratory scale testing and large scale manufacture, linking R&D with a GMP production facility, and clinical testing for safety and validation of nutritional/health benefits. It will also serve as an incubator for start-up companies. The immediate neighbours for the agri-food cluster in the Knowledge City are: Indian Institute of Science Education and Research (established by the Ministry of HRD) and Institute of Nano-Science & Technology (being set up by the Department of Science & Technology, Government of India).

Applications are invited from Indian citizens including non-resident Indians with outstanding and proven track record in science, technology and innovation in areas related to this inter-disciplinary institute. The posts offer the chance to set up, and then to lead new inter-disciplinary programmes and development of teams and infrastructure and foster collaboration with industry, medical, engineering, agricultural and food institutions. There will also be exciting opportunities for oversight of extramural activities including support to research resource units in other regional institutions.

Requirement for Executive Director and Deans (NABI):
Qualifications
- Masters Degree in biological, engineering sciences or medical sciences.
- PhD or equivalent degree in an area relevant to the institute’s objectives and goals.

Excellence
- Scientific publications.
- Creation of IP or technologies.

Experience
- Responsible position of work in any R&D/planning/academic/scientific institution/organization/industry for 15 years for Executive Director and 10 years for Deans.
- Innovation leadership and inter-disciplinary research.

Requirement for Chief Executive Officer (FBPU):
Qualifications
- Masters Degree in biological or engineering sciences. Food Technologists will be preferred.
- PhD or equivalent degree in an area relevant to the unit’s objectives and goals.

Excellence
- Creation of IP or technologies.
- Experience in technology transfer.
- Scientific publications.

Experience
- Setting up and management of industry/pilot plant units for 15 years.
- Understanding and management of innovation and inter-disciplinary projects.
- 15 years of experience in a responsible position of work in any R&D/planning/academic/scientific institution/organization/industry.

The applicant should not be above 55 years of age but age relaxation may be allowed for exceptional candidates. The appointment will be on a contract basis for a period of 5 years, which will be extendable for a further term subject to a maximum age limit of 60 years after internal and external review at the end of 4 years.

Other pertinent details of NABI & FBPU including salary and allowances as well as application formats can be downloaded from DBT website: www.dbtindia.nic.in. Applications should be forwarded to Dr. Rajesh Kapur, Advisor, Department of Biotechnology, Ministry of Science & Technology, Block-2, CGO Complex, Lodhi Road, New Delhi - 110 003, India.

The last Date for Receipt of Applications is 03.02.2009
Postdoctoral Research Position: Anthropogenic Climate Change

The Program in Science, Technology, and Environmental Policy at the Woodrow Wilson School of Public and International Affairs at Princeton University invites applications for postdoctoral Research Associates for research on anthropogenic climate change under the direction of Professor Michael Oppenheimer. General areas of interest include impacts and vulnerability of human and natural systems, and domestic and international policy frameworks aimed at fostering greenhouse gas emission mitigation and adaptation. Recent research in this program has focused on: the vulnerability of coral reefs, the nitrogen cycle and its response to climate variability and change, paleoclimatic studies of the behavior of earth’s ice sheets and sea level and implications for the future, the impacts of sea level rise on the coastal zone, the human responses to climate impacts including migration, the application of climate modeling to the foregoing problems, energy policy including the appropriate role for bio-fuels, the role of uncertainty and learning in decision making on problems of global change, and various aspects of emissions trading. This research is motivated by an interest in climate policy on all time scales and particularly, the means to implement Article 2 of the UNFCCC (“avoiding dangerous anthropogenic interference with the climate system”). Potential applicants are encouraged to explore papers and research projects described at: http://www.princeton.edu/step/people/faculty/michael-oppenheimer/.

Applicants should have a strong background in one or more of the areas above and an interest in attacking problems from a multidisciplinary perspective, including the exploration of implications for public policy. Research is often carried out in collaboration with natural and social scientists in the Woodrow Wilson School, as well as Princeton’s Department of Geosciences, the Atmosphere and Ocean Sciences Program, the Department of Ecology and Evolutionary Biology, and NOAA’s Geophysical Fluid Dynamics Laboratory.

The initial appointment will be for one year, with the possibility of renewal. The Postdoctoral Research Associate’s position is open to all regardless of citizenship, but requires a completed doctorate in a relevant area of environmental science and does not support work towards the completion of a degree. The research associate position will be eligible for salary and full employee benefits in accordance with Princeton University guidelines. Applicants should send a CV and a cover letter describing their areas of expertise and interest via email to Charles Crosby at ccrosby@princeton.edu. The search begins immediately and continues until the position is filled. Please submit materials by January 20th, 2009. For information about applying to Princeton and voluntarily self-identifying, please link to http://www.princeton.edu/dof/about_us/dof_job_openings/.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

Faculty Position
Department of Microbiology and Molecular Cell Biology

Applications are invited for a tenure-track position at the level of Assistant Professor in the Department of Microbiology and Molecular Cell Biology at Eastern Virginia Medical School, located in the dynamic and growing community of Hampton Roads, Virginia. Appointees will join a strong faculty focused in the areas of cancer biology, proteomics, virology and immunology. Applicants in the areas of chromatin remodeling, developmental biology, epigenetic gene regulation and/or DNA recombination as applied to cancer biology or infectious diseases will be given special consideration. Investigators with a translational focus or ongoing research funding are strongly encouraged to apply.

Applicants should send a curriculum vitae, three references and a description of future research to: Edward M. Johnson, Ph.D., Chairman, Department of Microbiology and Molecular Cell Biology, Eastern Virginia Medical School, 700 West Olney Road, Norfolk, VA 23501

EVMS is an Equal Opportunity, Affirmative Action Employer, and drug-free workplace.

Faculty Position
Director
Appel Institute for Alzheimer’s Research

Weill Cornell Medical College is currently undergoing a major expansion of its research program including the construction of a new research building. As part of this expansion we are seeking a Director to establish a new institute: The Appel Institute for Alzheimer’s Research. The goal of the Institute, consistent with the donor’s wishes, is to better understand the mechanisms behind this disease and to develop treatments leading to a cure.

Candidates should have an outstanding record of productivity in basic or clinical research with a major program likely to impact Alzheimer’s research. The recruited faculty will be provided with generous support and space as part of this initiative. In addition to medical student teaching, candidates will participate in the Graduate School of Medical Sciences Program which includes faculty from the Weill Cornell Medical College and the Sloan-Kettering Institute, and in the Tri-Institutional MD-PhD Program and the Training Program in Chemical Biology, which also include faculty from The Rockefeller University. Applications should include a curriculum vitae and a statement of research interests. Applications should be sent electronically to: hmlander@med.cornell.edu (Dr. Harry Lander, Associate Dean for Research Administration, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10021). All applications will be treated confidentially.

EEO/AA/M/F/D/V

At Monsanto, our talented employees are contributing to our success as a global leader in agriculture. By delivering exceptional results in one of the world’s most important industries, we are creating solutions that improve productivity in farming while reducing the impact on our environment.

We are looking for a talented individual for the following position in Chesterfield, MO:

**SCIENTIST – Immunoassay Development**

PhD in Biochemistry, Immunochesmistry or Biotechnology with 3 or more years of laboratory experience in immunoassay or other type of protein assay development required.

Responsible for identification and evaluation of new enabling technologies and potential collaborations that will provide new understanding and approaches for more efficient protein assays.

To view a more complete and detailed job description of this exciting position, please visit our website at www.monsanto.com and to apply online select requisition # mons-00009951. We offer very competitive salaries and an extensive benefits package.

The life of any plant starts with a seed. Within the right environment it grows to become something amazing. At Monsanto, our philosophy is the same – we are committed to helping individuals progress in careers with unlimited potential.

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**Monsanto**
**BIOINFORMATICS (BIOINORM-1-09)**

**Job Description:** The School of Sciences and Engineering has launched a new interdisciplinary Master of Science degree in Biotechnology. The School is inviting applications for a tenure-track faculty position at any professorial level in Bioinformatics, beginning September 2009.

**Requirements:** The candidate must hold a doctoral level degree with an educational background in biology and computer science. The successful candidate may be a biologist with advanced degrees in information technology or a computer scientist specialized in information technology with advanced degrees in Biology. The candidate should have a strong track record of teaching and research in the areas of bioinformatics, in particular, computational aspects of molecular structure, bioperl, and simulation of biological and complex structures.

**Additional Information:** The faculty slot could be housed in either the Biology Department or the Department of Computer Science and Engineering. He/she is also expected to lead research activities in bioinformatics and to collaborate with the Yousef Jameel Science and Technology Research Center at AUC.

**COMPARATIVE ANATOMY AND PHYSIOLOGY (BIOL-1-09)**

**Job Description:** The Department of Biology invites applications for a tenure-track faculty position at any professorial level in the area of comparative anatomy and physiology, beginning September 2009. Highly motivated individuals with commitment to undergraduate and graduate education will be expected to teach introductory and upper level courses in the undergraduate biology program, including, but not limited to, comparative anatomy, invertebrate and vertebrate physiology, human physiology, and developmental biology. Preference would be given to applicants with experience in premedical advising. The successful candidate is expected to advise undergraduate and graduate students in their research thesis and develop an internationally recognized research program using vertebrate or invertebrate model systems to address fundamental questions in biology, including, but not limited to, cell signaling, morphogenesis, and symbiosis between organisms. The Department of Biology is committed to collaborative, interdisciplinary education and research. Toward this end, the department has recently established advanced molecular biology laboratory, and a cutting-edge genomics facility, including a high-through DNA sequencer and high performance computational system. The successful applicant is encouraged to utilize and expand the current facilities.

**Requirements:** The candidate must hold a doctoral degree.

**Additional Information:** Deadline of applications is January 15, 2009. Review of applications will start immediately. One-, two- or three-year appointment, subject to mutual agreement will begin September 2009. Renewal of an appointment depends on institutional needs and/or the appointee’s performance. When applying, include teaching philosophy and a short description of intended research with letter of interest.

**MARINE BIOLOGY (BIOL-2-09)**

**Job Description:** The Department of Biology invites applications for a tenure-track faculty position at any professorial level with specialization in marine biology, beginning September 2009. Highly motivated individuals with commitment to undergraduate and graduate education will be expected to teach introductory and upper level courses in the undergraduate biology program, including, but not limited to, marine ecology (focusing on the Red Sea), marine biology, and environmental biology. The successful candidate is expected to advise undergraduate and graduate students in their research thesis and develop an internationally recognized research program to address fundamental questions in the field of marine and/or environmental biology. Toward this end, the department has recently established an advanced molecular biology laboratory, marine biology station at El Gouna, Red Sea, and a cutting-edge genomics facility, including high-through put DNA sequencer and high performance computational system. The successful applicant is encouraged to utilize and expand the current facilities. Applicants who may take advantage of the unique geographic location in proximity of the Red Sea are particularly encouraged.

**Requirements:** The candidate must hold a doctoral degree.

**Additional Information:** Deadline of applications is January 15, 2009. Review of applications will start immediately. One-, two- or three-year appointment, subject to mutual agreement will begin September 2009. Renewal of an appointment depends on institutional needs and/or the appointee’s performance. When applying, include teaching philosophy and a short description of intended research with letter of interest.

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TENURE-TRACK FACULTY POSITIONS
Department of
Molecular Microbiology and Immunology

The Department of Molecular Microbiology and Immunology at the University of Southern California, Keck School of Medicine invites applicants for Assistant and/or Associate Professor positions in the broad fields of microbiology and immunology. We are especially interested in candidates who address pathogenesis-related research topics. Creative scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive a generous start-up package and laboratory space within our new state-of-the-art research buildings. USC Keck School of Medicine has strong research programs in Immunology, Virology, Cancer, Genomics, and Stem Cell.

Applicants should submit a letter of application, curriculum vitae, a statement of current and future research plans, copies of three representative publications, and three letters of recommendation. Please e-mail completed application package in PDF format to calimlim@usc.edu.

USC is an Affirmative Action/Equal Opportunity Employer.

PROFESSOR IN
COMPUTATIONAL MEDICINE

Karolinska Institutet invites applications for a professor in computational medicine.

Assignments comprise internationally competitive research in the area of computational medicine. Great experience and high qualifications are expected in the area of development and application of computational methods in common, complex multifactorial diseases, particularly network identification, pattern recognition and simulation of disease courses. Knowledge of mathematical analysis and modelling of large datasets that have been generated by biomedical analyses in patient samples and model systems is important. Besides conducting own research, the holder of this position is expected to provide expertise in computational medicine to research projects in other units within Karolinska Institutet and the Karolinska University Hospital and to develop a programme for postgraduate education in this field.

Closing date for applications: 30 January 2009.
For further information, visit http://www.ki.se/job_opportunities Reference no 3673/08-222
Contact: Professor Nancy Pedersen, Vice-Dean for Research on +46-8-524 874 18 or Nancy.Pedersen@ki.se; or SACO union representative Michael Fored, on +46-8-51779181 or Michael.Fored@ki.se.

Ruhr-University Bochum
Research School

Germany's Excellence Initiative
3. Call for PhD Scholarships

The Research School promotes top-level postgraduate education throughout the Ruhr-University Bochum, offering unique interdisciplinary research opportunities in Germany.
12 thematic priorities from life sciences, through natural sciences and engineering to the humanities and social sciences.
We provide wide prospects for an individual research project in an attractive and international research environment.

- Research School scholarships are offered as employment contracts
- net salary after taxes approx. € 1,100 per month (E13/2 TVL)
- net salary for engineers after taxes approx. € 1,800 per month (E13 TVL)
- in addition € 1,000 p.a. lump sum for consumables and travel
- PhD positions for three years

Deadline for application is January 31, 2009.
Details on the research fields and admission procedure can be obtained at www.research-school.rub.de

Thematic Priorities

| Natural Sciences and Engineering | Life Sciences |
| Interfacial Systems Chemistry | Macromolecular Networks |
| Plasma Science | Neuronal and Cognitive Networks |
| Materials Science and Engineering | Humanities and Social Sciences |
| Sustainable Infrastructure Engineering | Biomedical Ethics and Public Health |
| Security in Information and Communication Systems | Organisation and Transformation of Semantic Space |
| Advanced Computational Sciences and Engineering (ACSE) | Religion and Secularisation |
| | Human Security in the Process of Globalisation |

The coordination is handled by the Central Coordination Office (CCO) of the Research School. Further details regarding the announcement can be obtained at www.rub.de/stellenboerse.html
Science Careers is the catalyst for your ambition.

Promoting your ambition is what we do. We're your catalyst for connecting with the industry's top employers. We're the experts and source for accessing the latest and most relevant career information across the globe.

Our newly designed website offers a set of tools that help you discover career opportunities and your personal potential. Whether you're seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your catalyst for an accelerated future.

**Improved Website Features:**
- Relevant Job Email Alerts
- Improved Resume Uploading
- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.
DIRECTOR,  
CHILD HEALTH INSTITUTE OF NEW JERSEY

UMDNJ-Robert Wood Johnson Medical School (RWJMS) is currently recruiting a Director for the Child Health Institute of New Jersey (CHINJ). We seek a visionary leader who can successfully integrate basic and clinical research initiatives, thereby building a robust translational scientific program. The ideal candidate should be well-grounded in the field of child health, have demonstrated experience in building and integrating a strong clinical and scientific program, and possess strong leadership skills required to recruit and lead a diverse group of investigators (PhD, MD/PhD, and MD) whose academic and/or clinical careers are focused on child health, pediatric diseases and normal and abnormal development in human or model systems. Excellence forgone via these scientific and clinical collaborations will allow the Child Health Institute to assume a statewide and national leadership position to address unmet pediatric needs. Located on a prominent and collaborative medical school campus in New Brunswick, NJ, CHINJ offers 54,000 square feet of laboratory, core facilities, and conference and office space, located directly adjacent to clinic space housing an expanding pediatric practice.

The CHINJ offers a unique opportunity to foster scientific and collaborative and will empower UMDNJ-Robert Wood Johnson Medical School in its continued leadership role in the clinical programs at New Brunswick hospitals. The new Institute will add focus and coherence to the UMDNJ-RWJMS Centers of Excellence, all of which pursue development-related studies, without having explicit missions in this area. Current centers of excellence include the core Transgenic and Gene Targeting Facility, the Cancer Institute of New Jersey (CINJ), the Center for Advanced Biotechnology and Medicine (CABM), the Environmental and Occupational Health Sciences Institute (EOHSI), the planned Cardiovascular Institute, as well as the Institute for the Study of Child Development in the Department of Pediatrics.

The Director will have an opportunity to recruit other Institute members critical for the development of programs that are broad-based across RWJMS and the local scientific community and be expected to promote collaborators within the School and the scientific communities at Rutgers and Princeton Universities and numerous pharmaceutical and biotechnology companies.

The Director will report directly to the Dean and will hold a position similar to a department chair. The new Institute is adjacent to the Bristol-Myers Squibb Children’s Hospital at Robert Wood Johnson University Hospital, the medical school’s principal teaching hospital, and with the PSE&G Children’s Specialized Hospital create an international center of excellence in newborn and pediatric care and child health research.

Review of applications will begin immediately and will continue until the ideal candidate is chosen. Please send nominations and/or application, including a brief statement of the attributes and qualities of the individual, visions and strategic goals for building the Institute and curriculum vitae to: Molly Gabel, MD, Chair of Search Committee, c/o Bonnie Baloga-Altieri, PhD, RN, Director, Administration, Office of the Dean, UMDNJ-Robert Wood Johnson Medical School, 125 Paterson Street, Suite 1400, New Brunswick, New Jersey 08903, Email: balogab@umdnj.edu. UMDNJ is an Affirmative Action/Equal Opportunity Employer. For more information, visit www.umdnj.edu/hrweb

MAX PLANCK INSTITUTE FOR CHEMICAL ECOLOGY

Outstanding Early-Career Scientist

The Max Planck Society announces an INDEPENDENT JUNIOR RESEARCH GROUP to be hosted at THE MAX PLANCK INSTITUTE FOR CHEMICAL ECOLOGY.

We seek an outstanding early-career scientist to lead an independent junior research group working in the area of chemically-mediated interactions among organisms. Candidates should have a record of internationally recognized research accomplishments. While there is no restriction on the precise area of research, it should complement and interact synergistically with the other groups and departments at the Institute. Current research focuses on the ecology, evolution, chemistry and biochemistry of interactions among plants, insects and microbes, as well as biodiversity-related topics.

The Institute offers a stimulating and interdisciplinary research environment with strong links to the Friedrich Schiller University, Jena, and the Leibniz Institute for Natural Product Research and Infection Biology. Ph.D. studies are coordinated by an International Max Planck Research School. The Institute provides state-of-the-art equipment, greenhouses and insect rearing facilities including laboratories for experimental work with transgenic plants and insects.

Funding for the group leader position (equivalent to an assistant professor) and associated support is guaranteed for five years with the possibility of extension for up to four additional years. The group will be provided with modern laboratory space, funds for positions for a post-doc, Ph.D. student and technical assistant, and an adequate budget for running costs.

To apply please register and upload (1) a CV including a list of publications, (2) one page summary of your scientific achievements and a two pages statement of your future research plans, and (3) up to three of your most important papers at:

http://www.ice.mpg.de

Also please arrange to have two letters of recommendation uploaded directly by your referees at the above webpage. The deadline for receiving applications is December 31, 2008. Please note that a symposium (scientific presentation of short listed candidates plus interviews) is planned in conjunction with the recruitment of a similar position at the MPI for Evolutionary Biology in Plön on January 29/30, 2009. Location: Max Planck Institute for Chemical Ecology, Jena, Germany.

The Max Planck Society is an equal opportunity employer, and is very interested in raising the proportion of women in areas where they are underrepresented. Thus applications from female scientists are especially encouraged.

Further information can be obtained from:
Prof. Jonathan Gershenson, Managing Director
E-Mail: gershenson@ice.mpg.de
Max Planck Institute for Chemical Ecology
Hans-Knöll-Straße 8
D-07745 Jena
Germany
As the industry leader, *Science* Careers has all the tools to guide you through the next steps of your career path. Search jobs, post your resume, sign up for automatic job alerts, and seek advice in the careers forum all for free! With more than 3,000 job opportunities from more than 500 top employers, *Science* Careers is proud to be No. 1. Log on to [www.ScienceCareers.org](http://www.ScienceCareers.org) and inject some life into your job search today.
Faculty Positions in Pharmaceutical Sciences

The University of California, San Diego, Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS) (Web: http://pharmacy.ucsd.edu) is initiating a new growth phase with the anticipated hiring of 6-8 basic scientists over the next 3-4 years. Only five years after the first Pharm. D. class was admitted, the SSPPS faculty already ranks in the top tier among pharmacy schools in NIH-supported research. In the coming year we are seeking exceptional faculty members for multiple tenure-track or tenured positions at the Assistant, Associate, or Full Professor levels in the area of pharmacology, pharmaceutical chemistry, and pharmaceutics. These individuals will play a lead role in enhancing our drug discovery efforts by complementing the existing strengths in natural products, neuro- and immunopharmacology, cancer chemotherapy, microbiology and virology, physiology and development, drug metabolism and disposition, proteomics and mass spectrometry, and NMR. Areas of particular interest include medicinal/synthetic chemistry, computer-aided and structure-based drug design, animal models of disease, molecular toxicology, cell biology, and structural biology. UCSD has a superb environment for collaborations, and strong linkages exist between the SSPPS and the Scripps Institution of Oceanography, Department of Chemistry and Biochemistry, Department of Pharmacology, Department of Cellular and Molecular Medicine, and Moores Comprehensive Cancer Center, and the various clinical departments in the School of Medicine. Opportunities abound for interaction with The Scripps Research Institute, Salk Institute, Burnham Institute, and La Jolla Institute of Allergy and Immunology as well as nearly 400 local pharmaceutical and biotechnology groups. Outstanding laboratory space is available in the new Pharmaceutical Sciences Building, located within the Health Sciences Center at UCSD. In addition to vigorous pursuit of innovative research programs, successful candidates will team teach in courses for Ph.D., Pharm.D., and M.D. students.

Candidates are expected to have a strong track record of scientific and academic achievements demonstrated by publication record and grant funding appropriate to rank, combined with documented skills in teaching. Letters of recommendation should provide evaluation of the candidate’s high academic caliber for this faculty position. Salary and appointment level will be commensurate with qualifications and experience and based on published UC pay scales for the Health Sciences.

To apply, send a detailed resume/curriculum vitae, a statement of research plans, and names and addresses of at least three references to the Chair, Search Committee for Pharmaceutical Sciences, c/o Cynthia Barlow, Human Resource Manager, Skaggs School of Pharmacy and Pharmaceutical Sciences MC 0657, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0657. E-mail: ssppspao@ucsd.edu. Please reference advertisement #SSPPS1108SCI.

Review of applications will begin January 1, 2009 and will continue until the respective positions are filled.

UCSD is an Affirmative Action/Equal Opportunity Employer committed to excellence through diversity.
Assistant Professor in Biochemistry

The Department of Biochemistry invites applications for a tenure-track position at the level of Assistant Professor. Candidates must have a Ph.D. with at least 2 years of post-doctoral experience. The successful applicant is expected to establish a strong, independent and externally funded research program in biochemistry, preferably in a research area related to metabolism, gene expression, lipid and carbohydrate biochemistry or the biochemical basis of diseases. An interest and/or experience in bioinformatics would be an asset. In addition, participation in teaching of both the undergraduate medical and biochemistry curricula will be required. The successful applicant will have a broad range of collaborative possibilities on campus with scientists in other departments and colleges, including the Canadian Light Source (www.cls.usask.ca) and the Saskatchewan Structural Sciences Centre (www.usask.ca/ssscc).

Please submit both electronic and signed hard copies of the application, including curriculum vitae; a detailed statement on research interests and previous teaching experience in a single PDF document to: Dr. R.L. Khandelwal, Head, Department of Biochemistry, College of Medicine, University of Saskatchewan, 107 Wiggins Road, Saskatoon, SK S7N 5E5 Canada; Email: ramji.khandelwal@usask.ca; Phone: (306) 966-4368; Fax: (306) 966-4390.

Applicants should also arrange for three confidential letters of reference to be sent separately to the same address. The closing date for receipt of applications is February 1, 2009. The effective date for appointment is between April 1, 2009 and July 1, 2009.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be given priority. The University of Saskatchewan is committed to Employment Equity. Members of Designated Groups (women, aboriginal people, people with disabilities and visible minorities) are encouraged to self-identify on their applications.

The UC Davis Genome Center integrates experimental and computational approaches to address key problems at the forefront of genomics and computational biology at Davis, building on and enhancing the unique strengths and unmatched breadth of the life sciences on the UC Davis campus.

The Genome Center invites applications for tenure-track faculty positions in all areas of genomics with emphasis on next-generation proteomics and statistical genomics involving animal, plant or microbial systems. Applicants interested in genomic approaches to human diseases and/or computational faculty. These faculty are developing an internationally recognized program in genomics and computational biology at Davis, building on and enhancing the unique strengths and unmatched breadth of the life sciences on the UC Davis campus.

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RUSH UNIVERSITY MEDICAL CENTER

CHAIRPERSON
DEPARTMENT OF BIOCHEMISTRY

Rush Medical College of Rush University Medical Center is seeking a Chairperson for the Department of Biochemistry. The Department currently has fourteen full time faculty members whose main research focuses on connective tissue biochemistry and pathophysiology. The Department is a member of the Rush Arthritis and Orthopedics Institute that brings together world renowned physicians and scientists whose focus is on the musculoskeletal system providing clinical care, education and research. The Institute combines the strengths of the Departments of Orthopedic Surgery, Anatomical Sciences and Cell Biology, Biochemistry and the Section of Rheumatology in the Department of Internal Medicine.

The Department of Biochemistry has strong research support with 4 endowed chairs and an NIH training grant that has supported twelve postdoctoral fellows over the past twelve years. The Department also has a strong graduate program, responsibility for teaching medical students and participates in academic administration and community service.

Candidates should be nationally recognized research scientists in one or more of the connective tissue disciplines: pathobiochemistry, genetics or regenerative medicine. They should have a scholarly research track record, as well as a translational research interest, history of external funding and qualify for appointment at a senior academic rank.

Nominations or letters of interest that include a curriculum vitae should be sent to:

Julie Karstrand, Director of Physician Services
Rush University Medical Center
Armour Academic Facility, Suite 202
600 South Paulina Street
Chicago, IL 60612
or preferably via email to

Julie_Karstrand@Rush.edu

CV's should be submitted no later March 31, 2009.

RUSH IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER.

POSTDOCTORAL POSITIONS

Xenopus Development, Transgenic Mouse Generation, Genetics

The Hormel Institute, University of Minnesota, Austin, MN 55912

Postdoctoral positions are available beginning January 1, 2009 at The Hormel Institute, a research branch of the University of Minnesota, located in Austin, MN. Successful candidates have the opportunity to work in a variety of research positions in the Cellular and Molecular Biology Group (Dr. Zigang Dong and Dr. Ann M. Bode) or Stem Cells and Cancer Group (Dr. Rebecca Morris) at The Hormel Institute.

Postdoctoral positions are available to study the role of histone, MAPKs and other kinase affecting Xenopus development process. Applicants should have experience with injection into frog embryos and some manipulation of embryonic tissue. Postdoctoral positions are also available for transgenic mouse generation and applicants should have experience in mouse embryonic stem cell culture.

Postdoctoral position is available requiring experience in genetics, linkage analysis, SNP chips, and human and mouse genome databases, and additional training in molecular biology, mouse models, and gene characterization. Postdoctoral position is also available requiring training in molecular biology, cloning, mouse model development, advanced microscopy methods such as FISH, immunohistochemistry, and histology.

A Ph.D. in genetics, molecular biology, cellular development, biochemistry, pharmacy, biology or related fields is required.

Please apply on-line at the University of Minnesota employment home page www.umn.edu/hr/employment. For Xenopus and Transgenic Mouse positions, please reference Requisition Number #158963 or #158962 for any position, please e-mail your curriculum vitae to: ambode@hi.umn.edu

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

MAX PLANCK INSTITUTE Stuttgart

PhD / Post-Doc position

Interface-solvent interactions in colloidal dispersions: molecular structure and (femtosecond) dynamics

The project: Nanoscopic colloidal systems are a key component in many areas of science and technology. The physical and chemical properties of such systems are mainly determined by their interfacial properties. Although a clear picture sometimes exists of processes occurring on the macro- and microscopic length and time scale, the underlying molecular picture is not understood. The reason for this gap in knowledge is that the surrounding medium forms an impenetrable barrier to most molecular probes.

Recent developments in the area of nonlinear optics have led to novel nonlinear light scattering methods with which understanding on the molecular scale can be obtained. In this project the question of how interfaces influence the chemical and physical properties of nanoscopic particles in solution will be tackled by applying femtosecond (time-resolved) second-order nonlinear optical methods in combination with other techniques, such as IR spectroscopy and dynamic light scattering.

About the group: The work will be carried out in the Independent Research Group “Spectroscopy of Biointerfaces” at the Max-Planck Institute for Metals Research, Stuttgart, Germany. Available equipment includes a high power femtosecond infrared laser system with tunable infrared laser pulses (800 nm – 20 microns), an IR spectrometer, light scattering equipment and preparation laboratories. The institute has excellent technical staff and workshops. Some of our projects can be found on our website: http://www.mf.mpg.de/en/abteilungen/roke/index.html

The candidate: The successful candidate will have a MSc or PhD degree in physics or chemistry, ideally with experience in nonlinear (time-resolved) spectroscopic techniques and experience with working with femtosecond laser systems.

Terms of employment: The position is for 2 years (Post-Doc/TVöD E13) or 3 years (PhD/TVöD E13/2) as of now.

The Max Planck Society is committed to employ more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in these areas where they are underrepresented and therefore explicitly women to apply.

Application

Please send a CV (including a publication list and the names of 2 potential references) with a cover letter to:

Max-Planck-Institute Stuttgart
Gemeinsame Verwaltung
Heisenbergstraße 1
70569 Stuttgart
ballmann@ww.mpipi-stuttgart.mpg.de

For further information please contact Dr. S. Roke,
fon: 0049-711-689-3679/-3660, email: roke@mf.mpg.de
We’ve got Careers down to a *Science*.

With thousands of job postings from 9 out of 10 top employers, *Science* Careers connects you to exceptional career opportunities across the globe. We know the industry and have the resources to prove it. Whether your path is R&D, tenure track, bioprocessing, or lab management, *Science* Careers is dedicated to matching qualified scientists with the industry’s top employers. Drop by [www.ScienceCareers.org](http://www.ScienceCareers.org) and begin searching jobs today.
The State Key Laboratory of Bioelectronics, Southeast University, China

The State Key Laboratory of Bioelectronics, Southeast University, China (http://www.lmbe.seu.edu.cn), originally named the Key Laboratory of Molecular & Biomolecular Electronics of MOE (the Ministry of Education), is attached to the School of Biomedical Engineering, Southeast University which has ranked among the top in both teaching and research in all past nationwide appraisal. In 1992 the laboratory was renamed "Chien-Shiung Wu Laboratory" in honour of the world-famous alumna physicist Dr. Chien-Shiung Wu. Major areas of research interest include: the fabrication of biomaterials and biodevices, acquisition and sensing of bio-information, and application of bio-information systems.

The laboratory is seeking applicants for appointments of two associate directors and several academic leaders. The expected applicants are professionals in bioelectronic devices, biosensor, medical instrument, neuroscience & brain science, cell biology, molecular biology, olfactory science, and biomaterials.

Applicants are required to have a PhD degree and/or professorship.

Applicants for associate directors are expected to have a strong sense of responsibility, great organizational skills and teamwork spirit.

Applicants must have extensive expertise in bioelectronics and the related fields, a strong record of published research, and a certain international fame.

Successful applicants will have their own areas of research interest and develop their own research groups in the laboratory.

The salary of successful applicants is determined by the talent introduction policy of Southeast University.

Please submit your applications to Mr. Zhenqiu Yin (Email: rsk@seu.edu.cn), Sipailou 2, Southeast University, Nanjing, Jiangsu Province, P. R. China 210096

Te: 0086-025-52090260

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**Division of Vision Science**
**TORONTO WESTERN RESEARCH INSTITUTE**
**University Health Network**

**Endowed Chair in Glaucoma Research**

The Toronto Western Research Institute of the University Health Network invites scientists (Ph.D. or equivalent) to apply for an endowed Scientist position. The ideal candidate will have interests and expertise in areas that have relevance to the causes and mechanisms and the scientific basis for new potential treatments of glaucoma, e.g., neuroprotection, neuroregeneration and related disciplines such as neural/retinal stem biology, axon outgrowth, molecular and cellular biology pertinent to the biology of retinal ganglion cells. He or she would have qualifications for appointment at the level of Assistant Professor in the Department of Ophthalmology and Vision Sciences at the University of Toronto. The position is for a full time researcher, without clinical responsibility.

We have a strong interdisciplinary research program in blinding diseases of the visual system, with the goal of finding treatments for inherited and acquired blinding conditions. We seek someone who will become a leader in basic or translational glaucoma research who will work with our investigators and clinicians in the development of treatments for this disease. The applicant will have a strong research program and history of extramural funding and will participate in the training of future ophthalmic researchers and clinicians.

Applications must be emailed by **March 31, 2009** and should include: (1) Statement of interest, including descriptions of research and teaching interests, (2) CV, and (3) Contact (email) information for four referees.

Reply, by email only, and in confidence to: Professor Martin Steinbach, Director, Vision Science Research, Toronto Western Hospital, 399 Bathurst St., 6MP-302, Toronto, Ontario, Canada M5T 2S8; Email: cleverma@uhnresearch.ca.

We wish to thank all applicants for their interest, however, only those selected for an interview will be contacted. The Toronto Western Research Institute of the Toronto Western Hospital, along with the Princes Margaret Hospital and the Toronto General Hospital, is a member of the University Health Network, an equal opportunity Employer. In accordance with Canadian Immigration requirements, this advertisement is initially directed to Canadian citizens and permanent residents.

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**Director, Argonne National Laboratory**

Argonne National Laboratory, managed by the UChicago Argonne, LLC for the Department of Energy (DOE), is one of the nation’s largest DOE research centers. Widely recognized for its excellence in connecting basic research to innovative technology, Argonne has over 200 ongoing research projects, covering a broad range of science from studies of the atomic nucleus to global climate change research. With annual funding exceeding $530 million, the laboratory has over 2,800 employees including approximately 1,000 scientists and engineers.

Reporting to the Board of Governors, the Director of Argonne will act as its chief executive, and with support from the University of Chicago, work with laboratory senior management, the DOE, and other constituents to harness the depth of strength at Argonne in staking out a unique future for the laboratory within the national R&D enterprise. The director will play a key role in assembling the resources, both public and private, to support the laboratory in this endeavor. The position will afford the new director an opportunity to nurture cooperative agreements among industry, members of the national laboratory complex and universities, as well as have a strong voice in shaping national policy on science and technology.

Candidates may come from universities, government, national laboratories or industry. The ideal candidate will be a proven executive with demonstrated ability to oversee a broad portfolio of activities and build a high-performance organization. In addition, he/she will have scientific credibility and the ability to facilitate the development and implementation of a clear scientific vision.

Please send all applications, nominations and referrals to:

Dr. Donald Levy
Vice President for Research and for National Laboratories
The University of Chicago
9700 South Cass Avenue
Building 201, Room 187
Argonne, Illinois 60439-4832
directorsearch@uchicago.edu

Interested parties may visit www.uchicagoargonnellc.org to review, apply or make recommendations or nominations for the Director of Argonne.

Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC. Argonne is an equal opportunity employer and we value diversity in our workforce.
Science Careers is the window that displays your vision.
Revealing your vision to employers is our job. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and entry point to the latest and most relevant career information across the globe.

Our newly designed website offers a set of tools that reveal career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers is your window to a limitless future.

**Improved Website Features:**
- Relevant Job E-mail Alerts
- Improved Resume Uploading
- Content Specific Multimedia Section
- Facebook Profile

**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

*Your Future Awaits.*
Two POSTDOCTORAL POSITIONS are available January 2, 2009, in the newly established laboratory of Dr. Arie Horowitz at the Department of Molecular Cardiology of the Cleveland Clinic Lerner Research Institute and the Department of Molecular Medicine in the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. The Horowitz laboratory focuses on molecular mechanisms of blood vessel sprouting and guidance, using state-of-the-art cell and molecular biology approaches (see Cire. Res. 103:e71-e79, published online, and 103:710-16, 2008). Applicants are required to have a background in vascular biology and to be skilled in modern cell and molecular biology techniques. Applicants are expected to demonstrate familiarity with Dr. Horowitz’s recent publications and to explain their interest in joining his laboratory. Successful candidates will receive a competitive salary and excellent benefits.

Preference will be given to candidates who (1) received their Doctorates in the last three years; (2) are independent; (3) are driven towards the establishment of scientific maturity and an academic career; (4) enjoy collaborative research; and (5) have strong communication skills in spoken and written English. Please e-mail curriculum vitae and the names and contact information of three potential references to: e-mail: destefs@ccf.org. Applications received before January 15, 2009, will receive full consideration.

TENURE-TRACK ASSISTANT PROFESSOR
Animal Physiology

The Department of Biology, University of Wisconsin-Stevens Point, offers a tenure-track, nine-month faculty position in animal physiology at the Assistant Professor level, beginning August 2009. Teaching obligations include animal biology to biology and natural resource majors; a senior seminar; and an upper-level course in specialty. Research involving undergraduates, and Department service and student advising are part of this position. A Ph.D. in animal physiology is equivalent, and teaching and research experience are required. Experience is exemplified by publications, grants, evidence of teaching excellence, and/or postdoctoral work.

The Department encourages applicants from underrepresented groups, and those with experience teaching underrepresented students.

Include curriculum vitae, statements of teaching philosophy and research interests, three letters of recommendation, and undergraduate and graduate transcripts. Send application materials to: Dr. C. Yahnke, Chair, Biology Department, University of Wisconsin-Stevens Point, Stevens Point, WI 54481. Review begins February 15, 2009, and continues until filled. For more information, telephone: 715-346-2455; fax: 715-346-3624; e-mail: cya@uwsp.edu.

The University of Utah’s Department of Ophthalmology seeks TENURE-TRACK FACULTY (Ph.D., M.D., M.D./Ph.D.) with research interests in the genetics of human ocular disease, especially retinal disease.

All research will be in the new John Moran Moran Eye Center. The University of Utah offers a rich academic environment with strong professional training programs in medicine, neuroscience, molecular biology, bioengineering, and computational biology. Successful candidates will be expected to be active in professional education and demonstrate strong extramural funding history.

Applicants should send their curriculum vitae, a statement of research interests, and names and contact information for three references to e-mail: julee.lamothe@hsc.utah.edu. Applications will be accepted until a suitable candidate is identified.

The University of Utah is an Equal Opportunity Affirmative Action Employer and encourages applications from women and minorities and provides reasonable accommodations to the known disabilities of applicants and employees.
Center for Predictive Medicine for Bio-Defense and Emerging Infectious Diseases
BSL3 Facility Operations Manager

The newly established Center for Predictive Medicine (CPM) for Bio-Defense and Emerging Infectious Diseases at the University of Louisville is seeking candidates for a BSL3 Facility Operations Manager for its NIH-funded Regional Biocontainment Laboratory (RBL). The University of Louisville is now undergoing expansion in microbiology and infectious disease research, with a new 35,000 sq. ft. RBL and 25,000 sq. ft. of additional BSL2/3 laboratories on the University Health Science campus that will become available in mid-2009. The Facility Operations Manager will direct the overall planning and coordination of the RBL BSL3 facility operations. Preference will be given to applicants with BSL3 experience. The successful candidate will hold a B.S. in microbiology or related discipline with five or more years of relevant experience. This is an opportunity to join a dynamic and interactive team of faculty and staff in the Schools of Medicine, Dentistry, and Arts and Sciences, in the management of operations for state-of-the-art research, imaging technologies and biocontainment infrastructure. For more information on the CPM-RBL, please visit: http://louisville.edu/community/biosafetylab/

To apply, please visit on-line at www.louisville.edu/jobs and attach the following documents in a single PDF file: Cover letter, curriculum vitae, statement of relevant expertise, and contact information for four references. Please select Job ID 23566. For further inquiries, contact Dr. Colleen Jonsson, cbjons01@gwise.louisville.edu. Review of applications will begin immediately, and continue until successful candidates are identified.

The University of Louisville is an Affirmative Action, Equal Opportunity, and Americans with Disabilities Employer, committed to diversity and, in that spirit, seeks applications from a broad variety of candidates.

THE HENRY SAMUELL SCHOOL OF ENGINEERING AT THE UNIVERSITY OF CALIFORNIA, IRVINE invites qualified applicants for a faculty position in the DEPARTMENT OF BIOMEDICAL ENGINEERING beginning July 1, 2009. The position is at the rank of Associate Professor (with tenure). Applicants must hold a Ph.D. degree in biomedical engineering or related field, and will be expected to maintain a broad-based extramurally funded research program. All research areas will be considered, but our program and campus has focus areas in photonic imaging and treatment, multiscale modeling, biomedical micro- and nanoscale systems, cardiovascular engineering, neuroengineering, cancer diagnostics and therapies, and ophthalmology. In addition, the successful candidate will be expected to advise students and teach undergraduate and graduate courses as well as develop collaborative programs with other faculty members and programs at UCI. The University of California, Irvine is situated in Orange County’s rapidly growing high technology sector that includes more than 310 biomedical companies which are actively involved in our program.

APPLY NOW – submit your application to our on-line recruitment program: (https://recruit.ap.uci.edu/apply/).

For full consideration, candidates should upload applications electronically. Applications should include a curriculum vitae, a brief (no more than 2 pages each) description of current and future research and teaching interests, and names of at least three references.

Questions regarding these positions may be addressed to Ms. Ruth M. Gratzer rmgratze@uci.edu. For more information about the Department of Biomedical Engineering please visit our website at http: //www.bme.uci.edu. Applications will be accepted until the positions are filled, although maximum consideration will be given to applications received by February 1, 2009.

UCI is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of family-friendly policies, and is the recipient of an NSF ADVANCE Award for gender equity.
ASSISTANT PROFESSOR, BIOCHEMISTRY
Marshall University

The Department of Chemistry at Marshall University is seeking to fill a nine-month, tenure-track position at the Assistant Professor level. Qualified applicants will have a Ph.D. and preferably postdoctoral or equivalent experience in any area of experimental biochemistry. The new hire will teach biochemistry at the undergraduate and Master’s level. The appointee is expected to have a strong commitment to excellence in teaching and research. For more information about our Department and University, please visit website: http://www.marshall.edu/chemistry.

All candidates must send current curriculum vitae, statements of research plans and teaching philosophy, copies of all transcripts, and have three letters of reference sent to: Chemistry Search Committee, Department of Chemistry, Marshall University, Huntington, WV 25755. Electronic/faxed applications cannot be accepted. The review of applicants will begin immediately and continue until the position is filled. Marshall University is the recipient of an NSF ADVANCE grant and the U.S. Labor Department’s EVE Award for its Affirmative Action Employment Opportunity Programs.

POSTDOCTORAL POSITIONS
DNA Chips and Infectious Diseases

Positions available as part of a Well Cornell Medical College - National Institute of Allergy and Infectious Diseases-funded Collaborative Project Grant for development of comprehensive DNA chip, capillary array, assays to distinguish bacterial, protozoan, and viral food, and waterborne pathogens from common pathogens employing high throughput screening platforms using microarray and/or PCR technology. Competitive salary commensurate with experience. Send curriculum vitae and names of three references to: Dr. Linnie Golightly, Division of Infectional Medicine and Infectious Diseases, Room A421, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10065. Fax: 212-746-8675. E-mail: lgolight@med.cornell.edu.

Equal Opportunity Employer.

POSTDOCTORAL FELLOWSHIPS
The Geophysical Laboratory, Carnegie Institution of Washington, invites applications for Postdoctoral Fellowships. The Geophysical Laboratory emphasizes interdisciplinary experimental and theoretical research in fields spanning geoscience, microbiology, chemistry, and physics. The Laboratory supports world-class facilities in high-pressure research; organic, stable isotope and biogeochemistry; mineral physics and petrology; and astrobiology. Please see website: http://www.gl.cw.edu/employment/postdoctoral_positions for information on the application process. Also, see website: http://www.gl.cw.edu/ for a listing of personnel, current research interests, major facilities, and application information.

For more information, contact: Dr. David Ford, Department of Microbiology, P.O. Box 62, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10065. Fax: 212-746-7983. E-mail: barany@med.cornell.edu.

Equal Opportunity Employer.