MANAGING DIRECTOR
Energy Frontier Research Center

The University of Notre Dame (website: http://www.nd.edu) is seeking a Managing Director for the Energy Frontier Research Center (EFRC) Materials Science of Actinides within the College of Engineering. The EFRC partners five universities and three national laboratories. The Managing Director will maintain continuous communication with the technical leads at each of these institutions to ensure that the program remains consistent with the proposed research plan. The Managing Director will facilitate communications between technical leads concerning new research findings and synergisms between the individual groups, and will be instrumental in strategic planning. Ph.D. required.

Please apply online at website: http://ND.jobs to Job #09204. For additional information about working at the University of Notre Dame and various benefits available to employees, please visit website: http://hr.nd.edu/employment/working_at_nd.shtml.

The University of Notre Dame is an Equal Employment Opportunity/Affirmative Action Employer.

FACULTY POSITION, PHARMACOLOGY

The Division of Basic Pharmaceutical Sciences (DBPS) at Xavier University of Louisiana, College of Pharmacy invites applications for one 12-month tenure-track position at the rank of ASSISTANT or ASSOCIATE PROFESSOR. Candidates for this position must have a Ph.D. degree in pharmacology or a closely related field. Preference will be given to candidates with previous teaching and ongoing research experience. The successful candidate will also be expected to establish a funded research program in his or her area of interest. Applicants should submit (i) a letter of intent; (ii) curriculum vitae; (iii) a statement of research interests; and (iv) the names and addresses (email address and telephone number) of at least three references to: Tarun K. Mandal, Ph.D., Chair, DBPS Faculty Search Committee, Xavier University College of Pharmacy, 1 Drexel Drive, New Orleans, LA 70125. E-mail: dbpsjob@xula.edu; telephone: 504-520-7650; fax: 504-520-7954.

Xavier University of Louisiana is an Equal Opportunity Employer. Women, minorities, and persons with disabilities are encouraged to apply.

CAREER OPPORTUNITY

Doctor of Optometry (O.D.) degree in 27 months for Ph.D.s in science and M.D.s. Excellent career opportunities for O.D./Ph.D.s and O.D./M.D.s in research, education, industry, and clinical practice. This unique program starts in March 2009, and features small classes and 12 months devoted to clinical care. Contact the Admissions Office, telephone: 800-824-5826 at the New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.neco.edu, e-mail: admissions@neco.edu.

SHANTOU UNIVERSITY MEDICAL COLLEGE in Shantou, China, is launching nationally and internationally competitive research and teaching programs and has many openings for leading up-and-coming scientists working at different disciplines and Pearl River Scholar in key disciplines. Selected candidates will be sufficiently supported with startup fund, relocation expenses, housing, and competitive salary packages. Please visit the website http://www.med.stu.edu.cn/zi.htm for more information. Interested candidates should send curriculum vitae to e-mail: lqchen@stu.edu.cn.

ASSISTANT OR ASSOCIATE PROFESSOR
Center of Excellence for Infectious Diseases

The newly created Center of Excellence for Infectious Diseases at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center, El Paso, Texas, is seeking candidates for tenure-track faculty positions at Assistant or Associate Professor level. This is part of a state-funded initiative to enhance research in infectious diseases. The Center is primarily interested in investigators with research interests in molecular immunology, host-pathogen interactions, vaccine development, and animal models for translational studies.

Successful candidates are expected to develop and maintain independently funded research programs in infectious diseases or a related field. The position reports to the co-directors of the Center of Excellence for Infectious Diseases.

Minimum qualifications: M.D. or Ph.D. degree in a related field and at least three years of postdoctoral experience with a strong publication record.

Preferred qualifications: Candidates with funded grant support and experience in emerging infectious diseases and cutting edge technologies are particularly encouraged to apply.

The Center offers competitive salary and startup packages, newly constructed laboratory space, BSL-2 and BSL-3 laboratories, and a supportive interactive environment. Interested candidates must apply online at website: http://jobs.texastech.edu, requisition #77147 by submitting curriculum vitae, a short write-up of research interests, and three letters of recommendation. For further information, please e-mail or contact:

Manjunath Swamy, M.D.
E-mail: manjunath.swamy@ttuhsc.edu

Prelma Shankar, M.D.
E-mail: prelma.shankar@ttuhsc.edu

Co-Directors of the Center of Excellence for Infectious Diseases

The positions are open until filled. Application review will begin immediately.

Texas Tech University Health Science Center is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOWS, M.D., Ph.D., D.D.S., OR M.D.-Ph.D.

The University of Alabama at Birmingham Center for Metabolic Bone Disease has three openings for Postdoctoral Fellows interested in hard tissue, bone biology, and related diseases. Fellows will be funded by an NIH T32 Institutional Training Grant which requires recipients to be either U.S. citizens or permanent residents. The UAB Comprehensive Bone Research Program has one of only six NIH P30 Research Core Centers focused on hard tissues and has a core research faculty of more than 50.

These full-time positions are available for up to three years with the current NIH stipend amount based on the awardee’s experience and are available for training in basic, translational, or clinical investigations.

Submit an application to Dr. Jay McDonald consisting of: (1) a copy of your current curriculum vitae; (2) a one- to two-page statement of your research interests; and (3) the names of three references. Applications will be accepted until all three positions are filled.

Jay M. McDonald, M.D.
Professor, Department of Pathology
Director, Center for Metabolic Bone Disease
The University of Alabama at Birmingham
LFB 509, 701 19th Street South
Birmingham, AL 35294-0007
Telephone: 205-934-6666
Fax: 205-975-9927
E-mail: mcdonald@uab.edu

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National Institute of Neurological Disorders and Stroke

Health Science Policy Analyst

The National Institute of Neurological Disorders and Stroke (NINDS), located in Bethesda, Maryland, part of the National Institutes of Health, Department of Health and Human Services, is seeking applications for a Health Science Policy Analyst vacancy in its Office of Science Policy and Planning (OSPP) in the Office of the Director. The incumbent is responsible for analyzing and monitoring developments in neuroscience as they affect NINDS programs; for furnishing policy and programmatic guidance and assistance as required to Institute scientific program staff; and for consulting with the appropriate Institute staff regarding the many policy issues relevant to NINDS, NIH, and DHHS. The ability to both function independently in a staff capacity and to develop collaborative relationships is essential. In conjunction with OSPP staff members or other Institute staff, the applicant will prepare reports and analyses of research findings; prepare written testimony and related briefing materials for Congressional hearings; coordinate strategic planning efforts; attend, plan, and coordinate meetings for the NINDS; and scientific initiatives.

This is a civil service position that will be filled at the GS-12 or GS-13 grade level. The salary range is $73,100 - $113,007. Applicants are strongly encouraged to apply on-line through USA Jobs. For information on how to apply for the Health Science Policy Analyst vacancy, and for the full vacancy announcement, please go to: (http://jobssearch.usajobs.opm.gov/getjob.asp?JobID=31797224). When applying for this vacancy, please make sure to reference vacancy announcement number NINDS-2009-349682-DE. Supporting documents (i.e., curriculum vitae, copy of all transcripts) may be faxed to 301-402-2232. Attn: Erin Bandak or sent via e-mail to bandake@mail.nih.gov. Please be aware that if all the requested supporting documents are not submitted before the closing date, it will result in non-consideration of your application.

The Division of Intramural Research of the National Institute of Neurological Disorders and Stroke is recruiting a Staff Scientist. The individual will work under the guidance of Drs. Chris McBain, John Isaac and Jeffrey Diamond and is expected to work on collaborative research efforts between the three labs as well as maintain existing equipment. The successful candidate will be well versed in a variety of microscopic and image analysis techniques including digital fluorescence, confocal and two-photon microscopy. The ability to operate and maintain light, confocal and two-photon imaging systems is essential. In addition, having a working knowledge of commercially available software environments for image analysis and image processing and digital data presentation would be advantageous. The successful candidate will possess a Ph.D. in the neurosciences or a closely related field. Applicants should have at least 3-4 years postdoctoral experience and an established track-record in the physiology of neural circuits. Candidates will be required to communicate the results of their research clearly and effectively both orally and in writing and must have good interpersonal skills. Salary and benefits will be commensurate with experience. Interested candidates should send a statement of research interests and goals, CV, bibliography and three letters of recommendation to: Chris J. McBain, Ph.D., Porter Neuroscience Center, Bldg. 35, Room 3C903, 35 Convent Drive, Bethesda, MD 20892 or by email to mcbainc@mail.nih.gov. Evaluation of applications will begin July 20, 2009.

The NIH Director’s Wednesday Afternoon Lecture Series

Biomedical scientists around the world are invited to join us online to hear leading investigators present their latest results to the NIH Intramural Research community. Lectures may be viewed live at 3:00 p.m., EDT (20:00 GMT) on Wednesdays, from September through June. Live webcasts can be viewed under “Today’s Events” at: <http://videocast.nih.gov/>)

The lecture series session has ended and will resume on September 16, 2009. The schedule of lectures will be available at: <http://www1.od.nih.gov/wals/schedule.htm>
Research Fellow (Particle Sizing)

Merck & Co., Inc., established in 1891, is a global research-driven pharmaceutical company dedicated to putting patients first. Join us and experience our culture first-hand - one of strong ethics & integrity, diversified experiences and a resounding passion for improving human health. As part of our global team, you’ll have the opportunity to collaborate with talented and dedicated colleagues while developing and expanding your career.

Currently, we have an exciting opportunity available for a Research Fellow to join our Bioprocess Analytical & Formulation Sciences team in West Point, Pennsylvania! In this role you will work as part of an innovative team to develop and apply biophysical methods in the evaluation, characterization and stabilization of a broad spectrum of biological products ranging from therapeutic proteins to live virus vaccines. These methods include, but are not limited to:

- MALS and other techniques for molecular size analyses
- Separation technologies (FFF)
- Calorimetry
- Ultracentrifugation

Other responsibilities include developing advanced technologies and instrumentation, providing scientific supervision, overseeing outsourcing activities, coordinating programs and maintaining equipment.

Qualifications include a Ph.D., at least 5 years’ industry experience, and demonstrated expertise in the application of biophysical methodologies to the characterization of biomolecules. Expertise should include a theoretical and working knowledge of light scattering methodologies such as multi-angle light scattering (MALS) and varied spectroscopic techniques (CD, AUC, etc.). Applicants must also be highly motivated and have excellent communication skills. Preferred applicants will have GLP/GMP experience, as well as experience developing innovative solutions to biological particle manipulation, aggregation source, molecular size determination and stabilization over a wide size range of biologics (proteins to viruses).

We offer an excellent salary and an industry-ranked benefits program, including tuition reimbursement, work-life balance initiatives and developmental programs at all levels. Merck’s retirement package includes a pension plan and one of the best 401(k) plans in the nation.

To be considered for this position, please visit our career site at merckcareers.jobs/9446 to create a profile and submit your resume for requisition #CHE001683. Merck is an equal opportunity employer, M/F/D/V - proudly embracing diversity in all of its manifestations.

Contact: Tetsuya ISHII
Head of research management office
CiRA, iCeMS, Kyoto University
Phone: 81-75-751-4057
Email: collaboration@cira.kyoto-u.ac.jp

Center for IPS Cell Research and Application
Institute for Integrated Cell-Material Sciences
Kyoto University

Director: Shinya Yamanaka

Professor (2 - as Principal Investigator) at CiRA, iCeMS Kyoto University, Japan (http://www.icems.kyoto-u.ac.jp/cira/)

Workplace: Center for IPS Cell Research and Application (CiRA), Institute for Integrated Cell-Material Sciences, Kyoto University (Kawara-cho 53, Shogoin, Sakyo-ku, Kyoto 606-8507, Japan) OR another research facility in the city

Job Description:
1. Research on regulation of cellular conditions utilizing nuclear reprogramming techniques.
2. Development of differentiation induction techniques according to various characteristics of iPS cell clones.
3. Establishment of various disease-specific iPS cells and development techniques for their clinical application.
4. Pre-clinical study for cell transplantation therapy utilizing small- or medium-sized mammals.
5. Other researches utilizing advantages of iPS cells

Starting Date: October 2009 or after (Negotiable)

Pay: To be determined in accordance with Kyoto University Regulations

Application Docs:
1. Curriculum vitae
2. Lists of acquired research funds, publications, presentations, and patents
3. A brief summary of scientific achievements (3-10 pages)
4. Research plan (3-10 pages). Please state your research policy and targets at CiRA for the period of 5 years
*Please be advised that your application documents will NOT be returned to you.

Application Deadline: August 31, 2009

Screening Process: Candidates will be screened based on application documents submitted and by an interview (or a series of interviews) as needed. Candidates will be notified of the results in writing.

If hired: You will be a professor in accordance with Kyoto University Regulations. Whereas you may be appointed as an associate professor according to your experience and achievement, you are surely an individual principal investigator, and there is a possibility to be promoted to professor after hired as an associate professor. Your work will be assessed in 2014 by the internal and external evaluation committees, and you may then receive some advice on your research policy and targets. In case of poor achievement by then, you are possibly to be transferred to a different department in the center.

You are expected to read the “Message from the Director” posted on the homepage of CiRA's website carefully prior to submitting your application documents. The above “(4) Research plan” should be prepared taking that into account.

Postal Address: Shogoin Kawara-cho 53, Sakyo-ku, Kyoto 606-8501, Japan, CiRA Support Office, iCeMS, Kyoto University

Please be sure to clearly state “Application for CiRA Professor” on the envelope, enclosing the above 4 application documents in it, and mail it to the above postal address by August 31, 2009. Please keep in mind that applying by Email is not acceptable.

Contact: Tetsuya ISHII
Head of research management office
CiRA, iCeMS, Kyoto University
Phone: 81-75-751-4057
Email: collaboration@cira.kyoto-u.ac.jp

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University College London (UCL), the Gatsby Charitable Foundation, and the Wellcome Trust invite applications for the post of Director of a major new neuroscience centre to be based at UCL; the Sainsbury-Wellcome Centre for Neural Circuits and Behaviour at UCL. This Centre will address a fundamental challenge in modern biology, determining how neural circuits process information and direct behaviour. Advances in this field will transform understanding of brain function, and ultimately lead to new ways of monitoring and regulating brain activity in health and disease.

The Sainsbury-Wellcome Centre will be housed in a new state-of-the-art building embedded at the heart of UCL. It will develop and exploit new approaches for determining anatomical and functional connectivity in neural circuits and for recording, imaging and manipulating activity in genetically defined ensembles of neurons. This experimental work will be tightly integrated with theoretical and computational neuroscience, as currently represented by the Gatsby Computational Neuroscience Unit at UCL. The new Centre will comprise 12-15 research groups and lead a vibrant interdisciplinary research effort, investigating information processing in neural circuits across a range of model systems and behaviours.

UCL provides the ideal environment for a new Centre undertaking such a major interdisciplinary effort in neuroscience. The Centre will draw on and catalyze the rich, wide-ranging neuroscience community at UCL, currently ranked 2nd in the world for ISI citations in neuroscience and behaviour. It will also benefit from important strengths in allied fields such as physics, chemistry, engineering, nanotechnology and biomedicine.

The Director of the Centre will be a visionary leader with an outstanding track record in neuroscience research related to the core mission of the Centre and with substantial experience of scientific strategy and management. The Director will engage in recruiting and nurturing outstanding research groups; and in promoting links between the Centre, UCL, and the wider scientific community. This prestigious leadership role will be associated with substantial long-term resources to support the scientific work of the Director, as well as for personal salary (which will be negotiable on the UCL Professorial Scale), relocation, and startup costs.

The appointment is available from Summer 2009. The post of Director carries with it a Professorial title and a senior management role within the School of Life and Biomedical Sciences at UCL.

Further information, including details of how to apply can be downloaded from
http://www.ucl.ac.uk/medicalschool/vacancies

Closing date for applications: Friday 24th July 2009.

We particularly welcome female applicants and those from an ethnic minority, as they are currently under-represented within UCL at this level. This is in line with section 48 of the Sex Discrimination Act and section 38 of the Race Relations Act.
Faculty Positions in Prokaryotic Biology

The Department of Biology at Texas A&M University (TAMU) invites applications for tenure-track Assistant Professor positions in microbiology. Exceptional applicants at other levels may also be considered.

Candidates pursuing innovative research in all areas of prokaryotic biology will be considered, including but not limited to biotechnology, cell, developmental, environmental, or evolutionary microbiology, genetic mechanisms and genomics, host-pathogen interactions, and synthetic biology. The primary criteria for selection will be excellence and creativity in research and scholarship. We strongly encourage applications from candidates who will increase the exposure of our students to a diverse culture.

The successful candidates will be expected to maintain a vigorous, externally funded research program and to contribute to the teaching of undergraduate and graduate students. We offer a highly interactive and collegial research environment, a strong modern infrastructure, and a competitive startup package. More information about our department can be found at www.bio.tamu.edu. For full consideration, applicants should send a letter of intent, curriculum vitae, statement of research and teaching interests, and three letters of recommendation by September 1, 2009 to:

Microbiology Faculty Search Committee
Department of Biology
Texas A&M University
3258 TAMU
College Station, TX 77843-3258

If you have questions about this search, please direct e-mails to Dr. Michael Benedik, Chair of the Search Committee, at microsearch@mailbio.tamu.edu

Texas A&M University is an Equal Opportunity Employer and has a policy of being responsive to the needs of dual-career couples.

Assistant Professor in Mammalian Neuroscience

McLaughlin Research Institute seeks an innovative scientist who can take advantage of the Institute’s strengths in mouse genetics to address important problems in neurobiology, neurological or psychiatric diseases, or related areas. Low animal care costs and transgenic services facilitate mouse-intensive projects that would be cost-prohibitive at many other facilities. Applicants with interests in animal models for human neurological disease, stem cell models or stem cell therapy, novel strategies for genome modification or dissection of cellular function, electrophysiology, or behavior, are particularly encouraged to apply. Candidates should possess a doctoral degree and a record of research excellence as a postdoctoral fellow. Applicants should be capable of developing productive research programs that can compete successfully for grant funding. The willingness and ability to establish both intramural and extramural collaborations is essential. The successful applicant will move into newly renovated laboratory space available in March 2010.

The Institute is a small, non-profit organization located near Montana’s Rocky Mountain front that offers a non-bureaucratic, interactive research environment in a spacious modern research building. Faculty members also benefit from the active involvement of MRI’s Scientific Advisory Committee (Irving Weissman, David Baltimore, David Cameron, Neal Copeland, Jeff Frelinger, Leroy Hood, Nancy Jenkins, and James Spudich). For additional information see www.montana.edu/wwwmri. For specific questions about the Institute, contact George Carlson, John Mercer, John Birmingham, Teresa Gunn, or Deb Cabin at MRI.

Applications, including names and contact information for three to five individuals who may serve as references, should be sent to:

Search Committee
1520 23rd Street South
Great Falls, MT 59405
search@mri.montana.edu

An Equal Opportunity/Affirmative Action Employer.
Imperial College London and King’s College London
MRC-HPA Centre for Environment and Health

Applications invited for 9 Posts at Chair, Reader, Senior Lecturer and Lecturer level

This major new initiative in Environment and Health is core funded by the Medical Research Council (MRC) and the UK’s Health Protection Agency (HPA), and is held jointly between Imperial College London and King’s College London. The Centre aims to be an international centre of excellence for research and training on the health effects of environmental pollutants and the translation of this knowledge to inform national and international policies to improve health.

We now seek applications from leading researchers in environmental epidemiology, environmental modelling, biostatistics, toxicology, biomarkers and related disciplines, for nine academic positions based at Imperial College and King’s College. Appointments will range from Lecturer to Chair level depending on qualifications, publication record and experience. Both clinical and non-clinical applicants are encouraged to apply. A number of postdoctoral positions and PhD studentships are also available.

The new research programme will include both methods development and investigation of priority questions in environment and health through two integrated research themes: (1) health effects of sources and emissions of environmental contaminants, and (2) air pollution and health. We will integrate individual-level and small-area analyses of environmental exposures and health, combined with experimental data, biomarker and mechanistic studies, and analyses of large population cohorts, to tackle environmental health problems of public health and scientific importance. There will be a focus on new and emerging technologies in areas such as mapping, modelling, toxicology, epigenetics, proteomics and metabonomics. There will also be an extensive training programme with PhD studentships, Masters courses and short courses. For further details see our Web site http://www.environment-health.ac.uk/.

For informal discussions please contact the Centre Director Professor Paul Elliott (Tel: 44 (0) 20 7594 3328, email: p.elliott@imperial.ac.uk) or the Centre Deputy Director Professor Frank Kelly (Tel: 44 (0) 20 7848 4004, email: frank.kelly@kcl.ac.uk). Please state your area of interest and expertise when contacting us.

Job descriptions, application form and closing dates will be available from the following link: www.imperial.ac.uk/employment. You can send your completed application to the HR Assistant, Faculty of Medicine, Imperial College London, St Mary’s campus, Medical School Building, London W2 1PG or by email to: smrecr@imperial.ac.uk.

Valuing diversity and committed to equality of opportunity.

Director MRC Toxicology Unit

This is an opportunity for an outstanding and visionary scientist to direct a prominent and internationally renowned MRC Unit and to provide leadership in the field of toxicology.

The MRC Toxicology Unit is the largest academic establishment in toxicology in the UK. It has a strong international reputation for science underpinning molecular and cellular mechanisms of toxicity particularly in the fields of apoptosis, neurotoxicity and cancer. The Unit is adjacent to the Schools of BioSciences and Medicine at the University of Leicester. The Director will be a full-time employee of the MRC and will be offered an Honorary Chair at the University of Leicester.

As part of its remit, the Toxicology Unit is expected to develop innovative research programmes relating to the mechanisms through which xenobiotics induce adverse health effects. The Unit is expected to provide leadership in mechanistic toxicology and network with research groups engaged in related fields such as clinical toxicology, pharmacovigilance, toxicogenomics, epidemiology and industrial and regulatory toxicology communities. As part of its core funding from MRC, the Unit will continue to lead a high profile national programme of training and capacity building in integrative toxicology.

The Director will bring new scientific insights and vision, setting the overall strategic plan for the Unit’s work and will be responsible for the oversight of scientific programmes, approx. 120 Unit staff, collaborations, training, knowledge transfer and the Unit’s budget. We invite applications from outstanding biological or medical scientists with a passion for research excellence and either direct experience of, or a strong interest in, applying their science to the field of mechanistic toxicology. The position will require someone of international scientific stature with proven research leadership, management, interpersonal and communication skills and the ability to inspire scientific colleagues.

To discuss your interest in confidence, please contact Dr Kevin Young or Dr Marc Lambert: 093411@thersagroup.com Tel: +44 (0)1707 259333.

MRC is an Equal Opportunities Employer.
Baylor College of Medicine is recruiting McNair Scholars.

The best minds in medicine seek emerging leaders in:

**Breast Cancer Research**
Dan L. Duncan Cancer Center of Baylor College of Medicine

**Type 1 Diabetes Research**
Division of Diabetes, Endocrinology and Metabolism

**Neuroscience Research**
Departments of Neuroscience and Neurology

**Pancreatic Cancer Research**
Dan L. Duncan Cancer Center of Baylor College of Medicine

Through a $100 million gift from the Robert and Janice McNair Foundation, Baylor College of Medicine in Houston is recruiting up-and-coming researchers and physician scientists to serve as McNair Scholars. These new faculty members will join the best minds in medicine in a uniquely collaborative work environment as we transform the future of healthcare through groundbreaking basic or translational research and the delivery of personalized medicine. A very generous recruiting package will be offered to these new faculty members.

**Are you a McNair Scholar candidate?**
- A promising investigator with an exciting research program and high impact publications in your field
- A junior faculty or senior postdoctoral fellow
- Extraordinary potential for significantly advancing human health and novel treatments for human disease through highly innovative, cutting-edge research
- Committed to collaboration and willing to share discoveries for the benefit of the larger medical community

Baylor College of Medicine is an Equal Opportunity/Affirmative Action/Equal Access Employer.

For more information and to learn how to apply, visit www.bcm.edu/mcnair or call 713.798.9134.

**GLOBAL PROBLEMS, MINNESOTA SOLUTIONS**
In less than a year, the University of Minnesota’s Institute on the Environment has appointed more than 30 international experts to tackle the grand challenges of energy and climate change; food, land and ecosystems; and fresh water.

As a strategic priority of the university, the Institute is continuing to expand its cadre of experts. We’re currently seeking the world’s best and brightest innovators to take on the following roles.

**GLOBAL RENEWABLE ENERGY LEADERSHIP FELLOW**
The Initiative for Renewable Energy and the Environment, an Institute signature program, will select up to four fellows to develop groundbreaking global research in solar, wind, carbon capture and storage, energy-efficient buildings and many other areas.

**NORTHSTAR FELLOW**
The Initiative for Sustainable Enterprise, a new Institute program, will select up to four fellows to design, implement and evaluate projects through the newly formed NorthStar Consortium, which includes corporate, nonprofit, government and university stakeholders.

The closing date for both positions is Sept. 1, 2009. Link to “Employment Opportunities” at environment.umn.edu/about for full descriptions and application details.
Chromatin Inc. is a rapidly growing biotech company that is unlocking the potential of plants to produce greater value and meaningful products for consumer, grower, seed producer, processor, and bio-energy markets. With facilities in Chicago and Champaign, Illinois, Chromatin is leveraging its proprietary mini-chromosome technology to introduce multiple genes (“gene stacks”) simultaneously into plant cells. The company has formed multiple partnerships with leading agricultural companies to advance mini-chromosome applications in traditional crops such as corn. Chromatin is now expanding its technology to bio-energy feedstocks, developing gene stacks that improve yields and reduce the costs of feedstock conversion to fermentable sugars.

Chromatin is currently recruiting a number of highly motivated, results-oriented individuals. Successful candidates will join a talented team of researchers to advance the company’s goals. All candidates are expected to work independently as well as in a team-based environment with a high level of organization, attention to detail, and ability to complete tasks. Good written and oral communication skills are essential. Full-time positions include health, vision, dental and 401(k) benefits. Positions are located in Chicago and Champaign, IL. Please see www.chromatininc.com for more details.

**Director of Bio-energy Crop or Project Manager (Job number 0609-01)** to lead the company’s mini-chromosome technology in bio-energy crop genetics, transformation and molecular biology. The successful candidate will manage a talented team of scientists and represent Chromatin in its partnership with a leading agribiotech company. The candidate must have a broad understanding of plant molecular biology, demonstrated leadership of research teams and an excellent track record in molecular biology, genetics, and/or cell culture. Applicants should exhibit strong management skills and have 5+ years of supervisory experience in an industry setting or a goal-oriented collaborative research program.

**Director of Bioinformatics (Job number 0609-02)** to develop the analysis pipeline for several projects targeted at crop improvement and technology development. Successful candidates will have experience in life sciences and computational approaches, specifically with state of the art high-throughput sequence data analysis, database design and management, genetic mapping (QTL and association mapping) and strong statistical skills. Applicants should have a PhD in Biology or Computer Science or a related field, and 5+ years of post-degree experience, including 2+ years of supervisory experience. The ability to work with a team and communicate well with management, biologists and programmers as well as external scientists is essential.

**Director of Bioenergy Engineering (Job number 0609-03)** with expertise in carbohydrate biochemistry and biosynthetic pathways to build and manage a program focused on improving bioenergy feedstocks. Key responsibilities include directing research on carbohydrate pathway optimization and developing and managing collaborations with external partners. The successful candidate will have a Ph.D., a broad background in plant biotechnology and metabolic engineering, a proven track record in starch and/or sugar pathway engineering, demonstrated leadership in building and managing a successful and innovative research program and 5+ years of supervisory experience, preferably in an industry setting.

**Plant Transformation Lead (Job number 0609-04)** to manage mini-chromosome transformation efforts. Ideal candidates will have extensive cell culture skills with a variety of plant species, with specific emphasis on monocots and experience in transgenic plant production including the design and execution of experiments using new technologies. Knowledge of commercial transgenic plant production and tracking is a plus. Successful candidates must have a Masters, Ph.D., or the equivalent experience in an industrial setting as well as supervisory experience.

**Plant Tissue Culture Scientist (Job number 0609-05)** and Molecular Biology Scientists and Research Associates (Job number 0609-07) positions are also available. Please see www.chromatininc.com for more details.

**Application Process:** Submit CV and cover letter referencing the job for which you are applying to: careers@chromatininc.com. Chromatin is an Equal Opportunity Employer.

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**International Max Planck Research School**

**PhD Program in Structure and Function of Biological Membranes**

**Max Planck Institute of Biophysics**

**Max Planck Institute of Brain Research**

**Goethe University**

**Frankfurt am Main, Germany**

Several PhD fellowships are available in the International Max Planck Research School in Frankfurt. The two Max Planck Institutes and research groups at Frankfurt University offer a unique environment for the study of biological membranes and membrane proteins. PhD opportunities exist in internationally leading laboratories in the areas of membrane protein structure determination, membrane biochemistry, molecular biology, and functional studies by electrophysiological and spectroscopic methods, computational biophysics and structural bioinformatics, as well as studies of whole membranes, cells and organelles.

Highly qualified candidates with degrees in biochemistry, chemistry, physics, biology, medicine or related subjects are invited to apply for the next round of admission. Selection interviews will take place in Frankfurt on 17 and 18 November 2009. Application forms can be downloaded from the website of the Research School at www.biophys.mpg.de/research-school. Completed application forms and two letters of reference should arrive no later than 16 August 2009.

For further details please contact:

Dr. Janet Vonck
MPI of Biophysics
Max-von-Lauve-Str. 3
D-60438 Frankfurt am Main
Germany
E-mail: research.school@biophys.mpg.de
Tel: +49+69-6303-3003/3001
Fax: +49+69-6303-3002

**BUCK INSTITUTE FOR AGED RESEARCH**

**Symposium on Aging: Systems Biology of Aging**

**November 10 - 13, 2009**

**Organizers:**

Robert Hughes, Ph.D.
Stuart Kim, Ph.D.
Simon Melov, Ph.D.

**Buck Institute for Age Research**

Nathan Shock Center of Excellence in the Biology of Age Research

www.buckinstitute.org/symposium/

Sponsored in part by The Ellison Medical Foundation and the Glenn Foundation for Medical Research.
EXPERIMENTAL PATHOLOGY FACULTY POSITIONS

The Department of Pathology and Laboratory Medicine of the Weill Cornell Medical College invites applications for faculty positions in experimental pathology. Candidates are expected to develop and maintain productive, independent, externally funded research programs in basic mechanisms of human disease which fall within the broad areas of molecular oncology and cancer genetics.

Candidates may hold an MD, a PhD, or combined MD and PhD degrees but must possess a sufficient amount of post-doctoral research training to develop an independent research program. Teaching responsibilities will include graduate and medical students.

The Department offers a supportive intellectual environment in which several mid-level and senior scientists direct well-funded independent research programs in molecular oncology, immunobiology, and vascular biology. Modern research laboratory facilities, excellent core facilities, and competitive start-up packages are available.

Interested applicants should submit a curriculum vitae, representative recent publications, and a brief description of past scientific accomplishments, future research plans, and career objectives, as well as the names of three individuals familiar with the applicant and the applicant’s research program. Applications will be accepted until all positions are filled. Please submit via email to rubinma@med.cornell.edu or to:

Dr. Mark A. Rubin
Vice Chairman for Experimental Pathology
Department of Pathology and Laboratory Medicine
Weill Cornell Medical College
1300 York Avenue, Box #69
New York, New York 10065

Weill Cornell Medical College is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are encouraged to apply.

POSTDOCTORAL POSITION (100 percent, multiyear) in mouse genetics and neurodegenerative disease available immediately at University of California, Davis to use mouse models to study the genetic, cellular, molecular, and mitochondrial mechanisms of neurodegenerative disease. Expertise in cloning, conditional knockouts, and overexpression of genes required. Salary depends upon experience (NIH scale). Send curriculum vitae to e-mail: gcortopassi@ucdavis.edu. Website: http://cortopassilab.ucdavis.edu.

UCD is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL RESEARCH OPPORTUNITY, AQUATIC INVASIVE SPECIES

The University of Michigan Cooperative Institute for Limnology and Ecosystems Research (CILER) announces a two-year Postdoctoral invasive species research opportunity in support of National Oceanic and Atmospheric Administration’s (NOAA) Aquatic Invasive Species Program (AISP). This is a cooperative venture of AISP/National Center for Research on Aquatic Invasive Species (NCRAIS) and CILER. The position will be filled competitively based on recommendation of an advisory panel after review of submitted proposals. There are six potential NOAA host sites in the United States. Funding is available for one position. The University of Michigan/CILER must receive proposals by e-mail or on a CD by surface mail by 5 p.m. Eastern Time on August 10, 2009. For more information and application guidance, visit our website: http://www.ciler.snre.umich.edu/.

STAFF SCIENTIST. Experienced basic scientist at the level of ASSOCIATE PROFESSOR or higher, with a past record of extramural funding procurement. Areas of research desired include intestinal or hepatic immunology or non-alcoholic fatty liver diseases (NAFLD). Candidates should have an M.D. and/or Ph.D. degree or equivalent. Send curriculum vitae and references to: M. Michael Wolfe, M.D., Chief, Section of Gastroenterology, Boston Medical Center and Boston University School of Medicine, 650 Albany Street, X 504, Boston, MA, 02118. An Equal Opportunity Employer.

Full time Associate/Full Professor Positions
Reproductive Medicine and Reproductive Biology
Nanjing Medical University
Nanjing, China

Nanjing Medical University is currently seeking Senior Scientists for the lab of Reproductive Medicine. This lab was constructed with the great support from Nanjing Medical University and the Government of Jiangsu Province in 1997 and focused on the research of gametogenesis and the related human reproduction disease. With 12 years booming development, this lab now becomes the candidate of Key State lab of Reproductive Medicine in China. In order to elevate the scientific research levels of Nanjing Medical University, especially in the field of Reproductive Medicine and to serve Chinese people better in Reproduction Health, we warmly invite you to join us. The university will offer a dynamic and stimulating research environment which involves multidisciplinary interactions. We provide a highly competitive benefit and compensation package for the positions including the independent lab room and start-up research funds.

Keyword: Reproductive Medicine, Nanjing.

Minimum requirements:
  • Amazing passion for the research of Reproductive Medicine and Reproductive Biology and potential to transfer the research into clinical application
  • Has been working as an Assistant Professor in a University abroad or has completed post-doctoral training with outstanding academic records
  • Ability to work in a team and be flexible to manage the research team well

Contact: Mr. Hanzhan Gu, Department of Human Resource, Nanjing Medical University, 140 Hanzhong Road, Nanjing, Jiangsu Province, 210029, The People’s Republic of China; Tel/Fax: 86-25-86862642; Email: ghx@njmu.cn.

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