Michigan State University

Global Water Initiative Cluster Hire

Michigan State University announces the MSU Global Water Initiative, an effort to integrate and expand research expertise across the university and address the world’s most compelling water issues. With more than 100 faculty working in water-related fields, the university has expertise spanning the natural, social, and engineering sciences. MSU’s portfolio of external grants in water has grown over the past five years to $86 million. MSU is committed to conducting research of the highest caliber, creating solutions, and expanding human understanding of the challenges related to water.

Over the next three years, the MSU Global Water Initiative will coordinate recruitment of 16 new faculty positions in the Colleges of Natural Science, Agriculture and Natural Resources, Social Science, and Engineering. Areas of interest for the cluster hire include, but are not limited to:

- Integrated Risk Analysis and Critical Decision Making
- Spatial and Social Dimensions of Water
- Water and Health
- Ecohydrology and Water Resource Engineering
- Aquatic Ecosystem Services

The new hires will collaborate with current faculty to enhance disciplinary expertise, strengthen linkages across disciplines, and create new advances in water science, technology, and policy. In seeking candidates at both junior and senior levels, MSU is focused on research excellence, global perspective, and leadership in interdisciplinary, collaborative approaches. Searches are under way for a Hannah Chair in Engineering and five positions in the College of Natural Science. Currently open positions include:

- Water Resources Economist: economic research to help inform public policy and decision making related to water resources. Open rank, Department of Economics and the Environmental Science and Policy Program
- Medical/Health Geographer: international health and infectious diseases. Assistant/Associate Professor, Department of Geography and Environmental Science and Policy Program
- Political Scientist: international relations, comparative politics, American politics or public policy related to water issues. Department of Political Science and Environmental Science and Policy Program

Potential applicants for these and future positions are directed to MSU Global Water Initiative website, water.msu.edu, which contains detailed information and will be updated regularly.

All applications must be submitted through the MSU Applicant Page website at jobs.msu.edu.
The Institute of Agriculture and Natural Resources (IANR) at the University of Nebraska-Lincoln (UNL) is seeking applicants to fill three tenure track faculty positions, which are directed to human health and well being in the areas of food safety, lipid chemistry and metabolic processes. These academic-year, state-funded positions are part of the strategic plans of IANR directed to expand world-class excellence in applications of agricultural and life sciences towards a sustained high quality of life. The university has state-of-the-art core facilities in food processing, proteomics and metabolomics, genomics, crystallography, bioimaging, flow cytometry, bioinformatics, biophysical spectroscopy, and trace elemental analysis. Opportunities exist for successful applicants to develop and participate in interdisciplinary research, teaching and extension programs addressing the mission of IANR and UNL.

Each position is at the Assistant Professor or advanced Assistant Professor level. It is expected that the individuals selected will have or establish nationally recognized extramurally funded research programs (from the National Institutes of Health, National Science Foundation, and/or National Institute of Food and Agriculture) and possess a talent for teaching and/or extension programming.

Food Safety Risk Assessment (F_130068). Will lead research activities aimed at the development and application of quantitative risk assessment methods applied particularly to various food safety issues including but not limited to food safety microbiology, food processing and engineering, food chemistry, and food biotechnology. The candidate should have a strong background in application of quantitative risk assessment to issues in epidemiology, human health, toxicology, food safety, food allergy and/or other similar fields of science and should have the ability to convey results from their research to the food industry. The incumbent will be expected to develop on-campus and distance learning courses and training programs to assist food processors and the food and agricultural biotechnology industry on risk analysis/assessments. Ph.D. or equivalent degree in food science, food engineering, mathematics, statistics, or a related discipline is required. Degree must be completed before employment begins.

Lipid Chemistry and Functionality (F_130075). Will lead research activities aimed at improving the inclusion of functional lipids into foods and maximizing product quality and health effects. Research expertise is required in product functionality, food composition, lipid bioavailability, and biotransformation (i.e. lipidomics) as it pertains to raw materials, food product development, and lipid based nutraceuticals. Teaching expectations will include on-campus and distance learning in areas of food-lipid chemistry and lipid-processing technologies and undergraduate or graduate courses in food chemistry. Ph.D. or equivalent in Food Chemistry, Biochemistry, Chemistry, Nutrition Sciences or a closely related field is required. Degree must be completed prior to employment.

Lipid Metabolism and Health (F_130081). Will lead a nationally recognized research program focused at the interface between dietary lipids, metabolism and health outcomes, with emphasis on obesity-related metabolic diseases. Research expertise in cell differentiation, adipocyte biology, gene regulation, lipidomics/metabolomics, and/or cell signaling is preferred. Teaching expectations include courses in nutrient metabolism and/or nutrient/gene regulation. A Ph.D. or M.D. or equivalent degree in nutrition, biochemistry, food science, biology, or related field is required before employment begins.

Each position comes with highly competitive start-up packages. Lincoln Nebraska is a 2012 Top 10 College Town and boasts an outstanding quality of life that includes fine culinary and artistic treasures, a budding live music scene, and extensive parks, golf courses and bike trails. Applicants should go to http://employment.unl.edu, search for the position number noted above. Click on “Apply to this job.” Complete application. Attach documents as identified in the position posting. Review of applications will begin and continue until the positions are filled or the searches are closed.

The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through Affirmative Action, Equal Opportunity, work-life balance, and dual careers.
Faculty Positions in Computational Biology and Bioinformatics

The newly established Computational Biology Institute at the George Washington University seeks founding faculty members to establish vibrant, interdisciplinary and externally funded research programs in bioinformatics and/or computational biology. We have five open faculty positions at all academic levels and seek applicants especially in the areas of biodiversity informatics, translational medicine, and systems biology developing methods to address “big data” issues from a computational perspective. Candidates are expected to establish an extramurally funded and internationally recognized research program.

Basic Qualifications: Applicants must have an MD and/or PhD in Bioinformatics, Computational Biology, Computer Science, Mathematics, Genomics, or related discipline with postdoctoral research experience, granting experience, and a solid publication track record. Successful candidates will enjoy joint appointments at the CBI and an academic department of their choosing (e.g., Biological Sciences, Computer Science, Mathematics, Biochemistry, Integrated Systems Biology, etc.) upon approval, and have opportunities to establish partnerships with regional research centers of excellence, including Children’s National Medical Center, NIST, Janelia Farm, INOVA hospital system, Naval Research Laboratory, the Smithsonian, and the NIH intramural research program. Rank and contractual status, will be based on experience.

Application Procedure: Applicants should submit an electronic application, and upload a cover letter emphasizing specific qualifications, a curriculum vitae, a description of research interests, and names and contact information of 3 references at: http://www.gwu.jobs/postings/14121

Review of applications will begin on April 15, 2013 and will continue until positions are filled. Only complete applications will be considered. For further information about the Computational Biology Institute at George Washington University, please see http://cbi.gwu.edu. For questions relating to this opportunity, please contact Keith Crandall, Director, Computational Biology Institute, The George Washington University, kcrandall@gwu.edu.

The George Washington University is an Equal Opportunity/Affirmative Action Employer and seeks to attract an active, culturally and academically diverse faculty of the highest caliber.

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in partnership with the L’Oreal Foundation
Group leader position in bioinformatics

The Institute of genetic diseases Imagine at Necker Enfants-Malades Hospital, in Paris, is inviting applications for one group leader position in bioinformatics, computational biology, and/or statistical genetics.

Imagine is an interdisciplinary research center in molecular medicine in the Necker Enfants-Malades University Hospital campus. Imagine has a new home which will open in 2013 in the heart of the left bank of Paris, and offer cutting-edge research facilities. Imagine has recently been designated as an “Institut Hospitalo-Universitaire”, and is supported by a Foundation with a focus on rare diseases, their biology and their life-long outcomes to address unmet basic and clinical research questions. We expect this research to result in the development of new biological concepts, diagnostic tools, and innovative therapeutics. The Institute is currently composed of 250 members in 20 laboratories working in a variety of genetic disorders and systems. Imagine has excellent core facilities in genomics, bioinformatics, cell imaging, flow cytometry, pathology, and animal housing. The current bioinformatics platform comprises 6 engineers and computer analysts, and additional recruitments are ongoing. The platform has already developed a number of tools to analyze high-throughput genotyping, sequencing, and transcriptomic data. Imagine is now committed to further develop this domain of expertise by attracting one new research group with outstanding track record in the development, implementation, and application of innovative methods to analyze high dimensional data. This research group will closely interact with the Imagine laboratories and will have privileged access to a wide range of unique data. Applications can focus on any field related to bioinformatics, computational biology and/or statistical genetics, with a special emphasis on those that may offer strong opportunities of synergy with the present Imagine laboratories. Applications can be proposed at the level of either junior or senior group leader.

Applications should be submitted to Alain Fischer at the address below and must include:

- Complete CV including list of publications
- Past and current research interest (2 pages)
- Future research proposals (5 pages)
- At least three letters of recommendation

Address: newgroups@institutimagine.org (www.institutimagine.org)
Applications should be received by May 15th 2013 at the latest.
There’s only one
Galileo Galilei

Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It’s perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth’s movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

Galileo’s career changed science for all of us and he was without doubt a leading light in the scientific revolution, which is perhaps why Albert Einstein called him the father of modern science.

Want to challenge the status quo and make the Earth move? At Science we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. For your career in science, there’s only one Science. Visit ScienceCareers.org today.
FACULTY POSITIONS AT THE ROCKEFELLER UNIVERSITY

The Rockefeller University seeks exceptional, interactive, and creative scientists to join its faculty. We invite applications from outstanding candidates for tenure-track positions.

The University has a laboratory-based organizational structure that fosters interdisciplinary research. We encourage applications in the following areas:

- Chemical & Structural Biology
- Genetics & Genomics
- Immunology, Virology & Microbiology
- Medical Sciences, Systems Physiology
- Molecular Cell Biology
- Neurosciences & Behavior
- Organismal Biology, Evolution, Ethology & Ecology
- Physical, Mathematical & Computational Biology
- Stem Cells, Development, Regeneration & Aging

Details about specific subjects of research can be found at:
http://www.rockefeller.edu/facultyresearch.

The Rockefeller University provides strong support for the research work of its faculty. The positions offer competitive salary, benefits and start-up funds, renovated laboratory space, access to state-of-the-art core facilities and extensive opportunities for collaboration both within the University and with neighboring institutions.

Applications are being accepted electronically through our Online Application System at http://oas.rockefeller.edu. Applicants should follow the online application procedure.

The deadline for application submission is April 22, 2013.

If you have questions regarding submitting an application, please contact our Administrator at facultysearch@rockefeller.edu.

The Rockefeller University is an Affirmative Action/Equal Opportunity/VEVRAA Employer and solicits applications from women and under-represented minorities.

SOOCZW UNIVERSITY

Full Professor and Academic Leader in Radiobiology

The School of Radiation Medicine and Protection (SRMP) and School of Radiological and Interdisciplinary Sciences (RAD-X) of Medical College of Soochow University in Suzhou, China, are seeking outstanding candidates for a position of Full Professor as the academic leader in the research field of radiobiology. The candidates should have demonstrated the distinguished academic leadership and the ability of developing original research programs with external funding.

Successful appointee will be offered an excellent package including sufficient lab space, start-up funding, relocation aid, competitive salary commensurate with experience, and other employee benefits.

Applicants should submit (i) a cover letter summarizing current research projects and future plans, (ii) a curriculum vitae, and (iii) names and contact info of 3 professional referees to: SRMP and RAD-X Search Committee, Soochow University, Dushu Lake Campus, 199 Ren-Ai Road, Industrial Park, Suzhou 215123, China; Email: bxzhu@suda.edu.cn

Opening positions for full-time talents

Suzhou University (SU) invites applications for full-time Distinguished Professor and lecturer positions for highly qualified candidates with special expertise in one of the following academic areas.

The University

The university is located in Suzhou; a big city of over 8 million people in Southern China’s Jiangsu Province and directly adjacent to Shanghai. Suzhou University is a key comprehensive university in Jiangsu Province. It was founded in 1906 and is one of China’s earliest modern universities.

Areas of Interest for distinguished professors and lecturers

Economics, Law, Literature, Science, Engineering, Medicine, Management, Art

A. Distinguished professor

Qualifications

1. Candidates must have an earned doctorate in a closely related discipline with a track record of extraordinary accomplishment in teaching, research/scholarship, and professional service, judged by peers to be outstanding;
2. They should have at least associate-professor or above academic experience in world-renowned universities;
3. They should have been recognized nationally or internationally for the importance of their achievements and are expected to bring distinction to SU and serve as a key contributor to achieving its strategic goal of becoming a World-Class university;
4. They should have strong research capability and great potential to become academic leader whose vision anticipates the development tendency of their field.
5. They should have a strong organizing and communicating ability to lead their research team to reach world-class level.

Salary/Benefits

Salary and benefits are very competitive; yearly salary starting from 100,000 to 200,000 US dollars and will be commensurate with qualifications and experience.

B. Lecturers (equivalent to the rank of Assistant Professor)

Qualifications

1. Candidates must have an earned doctorate in a closely related discipline;
2. Strong ability to conduct independent research and publish on peer-reviewed professional journals;
3. Fluent in communication with working language (Chinese and/or English) for teaching and research;
4. Satisfy the basic requirement on legal residence and work authorization (by the Chinese government).

Salary/Benefits for Lecturer

Salary and benefits are competitive; and commensurate with qualifications and experience.

C. Scientific research team for Institute of Nanosurface Science and Engineering (INSE)

More details please see: http://szhr.szu.edu.cn/index_newsView.asp?nID=166&page=....

To Apply

1. Interested candidates for distinguished professor and lecturers should submit all application documents to the contacts below or submit all information to http://szhr.szu.edu.cn. For more information please visit http://www.szu.edu.cn/szhu2007/indexe.asp

Contact: Mr. Ren Qiang (szursc@szu.cn, 0086-755-26535295)
Ms. Yun Li (lyun@szu.cn, 0086-755-26536111)

2. Interested candidates for INSE, please directly contact with Professor Diao Dongfeng (dfdiao@szu.edu.cn or dfdiao@mail.xjtu.edu.cn)
Nontraditional Careers: Opportunities Away From the Bench

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POSITIONS OPEN

US DEPARTMENT OF AGRICULTURE
Agricultural Research Service

Job Announcement opens March 4, 2013 thru April 12, 2013. Salary: $68,809.00 to $147,857.00/year.

The USDA-ARS, is seeking a RESEARCH SCIENTIST (Research Microbiologist/Physiologist [GI]) to work at the Arkansas Children’s Nutrition Center in Little Rock, Arizona.

For the full Vacancy Advertisement and application requirements, please go to website: https://www.usajobs.gov/ and use search# ARS-X13W-0043.

ASSISTANT/ASSOCIATE PROFESSOR or PROFESSOR
Department of Pharmaceutical Sciences
The College of Pharmacy, Washington State University (WSU) on Riverpoint campus in Spokane, invites applications for a full-time, tenure-track faculty position at the rank of Assistant Professor, Associate Professor, or Professor (commensurate with experience) in the Department of Pharmaceutical Sciences. Applicants must have an advanced degree (M.D., PharmD., or Ph.D. in Pharmacology, Pharmaceutical Sciences, or a related discipline) before start of employment. The Assistant Professor candidate must possess a track record of accomplishment to demonstrate the potential to become an outstanding scholar and educator. Associate Professor candidates must possess the a track record of accomplishment demonstrating he/she as an outstanding scholar and educator with an active, nationally recognized, extramurally funded research program. The Professor candidate must possess the a track record of accomplishment demonstrating he/she as an outstanding scholar and educator with an active, internationally recognized, extramurally funded, research program. Preference will be given to applicants who have a demonstrated ability to teach pharmacology and/or pharmacogenetics at the graduate level. The successful candidate will be expected to maintain an active, extramurally funded research program in the general area of drug discovery, drug delivery, and novel targets, to mentor graduate students and fellows, and to teach in the professional and graduate curricula in topic areas related to Pharmaceutical Sciences.

Screening of applications will begin March 18, 2013 and will continue until a suitable candidate is identified. Applications must include the following materials: (1) A letter of application describing your professional goals, relevant academic preparation, and experience; (2) a current curriculum vitae; and (3) name, title, organization, telephone number, and e-mail address for four people willing to serve as employment references. To apply and see complete position description visit website: http://www.wsujobs.com.

WSU is an Equal Opportunity/Affirmative Action/ADA educator and employer.

POSITIONS OPEN

Two POSTDOCTORAL positions are available to investigate the role of Nrf2 downstream Quinone Oxidoreductases (NQO1 and NQO2) in control of p53/p21 and other Growth and Differentiation Factors in prevention of (1) Lung Diseases including Asthma and COPD; and (2) Breast Cancer. These involve studying protein-protein interaction, protein modifications and degradation, apoptosis, cell proliferation, and knockout/transgenic mice disease models. Experience in lung or mammary biology, biochemical and molecular biology techniques and working with mice models is essential. Applicants should submit curriculum vitae, names, addresses, telephone numbers, and e-mail addresses of three references. Contact: Anil Jaiswal, Ph.D., Professor, Department of Pharmacology, University of Maryland School of Medicine, 655 West Baltimore Street, Baltimore, M.D. 21201 or e-mail: ajaiswal@som.umaryland.edu.