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THE CHINESE UNIVERSITY OF HONG KONG

Applications are invited for:–

School of Biomedical Sciences
Associate Professor(s) / Assistant Professor(s) (Non-clinical)
(Ref. 1314/129/665/2) (Closing date: April 17, 2014)
The School, established in the Faculty of Medicine in June 2009, has the vision of becoming a world-recognized leader in selected fields of biomedical sciences while maintaining excellence in postgraduate and undergraduate education, with research programmes currently focusing on neuro-degeneration, cancer biology and inflammation, developmental biology, reproduction and endocrinology, vascular and metabolic biology and stem cell and regeneration.

Individuals who are strongly motivated by the biological importance of their research and who value the opportunity to work in close collaboration with basic and clinical scientists are welcome. Applicants should have (i) a PhD, MD or DVM degree or equivalent in biological and biomedical sciences or related disciplines; (ii) experience in using cutting-edge approaches such as bioinformatics, genomics, molecular genetics, stem cells, transgenic animal and imaging technologies; and (iii) a good track record of research and publications in international peer-reviewed scientific journals in one or more related areas. Those with expertise in human genetics, neurodegenerative diseases, stem cells biology, mammalian development and regeneration biology are particularly welcome.

Duties include (a) teaching undergraduate, postgraduate and general education courses; and (b) leading a vigorous independent research programme. Appointees will be provided with appropriate laboratory and office space and a start-up package commensurate with qualifications and experience. Appointment(s) will normally be made on contract basis for up to three years initially commencing in the third quarter of 2014 or thereafter, which, subject to mutual agreement, may lead to longer-term appointment or substantiation later.

Salary and Fringe Benefits
Salary will be highly competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, a contract-end gratuity for appointments of two years or longer, and housing benefits for eligible appointees. Further information about the University and the general terms of service for appointments is available at http://www.per.cuhk.edu.hk. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure
Please send full resume, together with copies of academic credentials, a publication list and/or abstracts of selected published papers, and names, addresses and fax numbers/e-mail addresses of three referees to whom the applicants’ consent has been given for their providing references (unless otherwise specified), to the Personnel Office, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong [fax: (852) 3943 1462] by the closing date. The Personal Information Collection Statement will be provided upon request. Please quote the reference number and mark ‘Application – Confidential’ on cover.

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To learn more, visit aaas.org/plusyou/sciencecareers
A New Approach to Engineering

The Institute for Molecular Engineering is a unique interdisciplinary program launched in 2011 by the University of Chicago, in partnership with Argonne National Laboratory. It was created with the aim of translating molecular-level science into technological solutions and engineering systems with potential societal impact in energy, health care, environmental sustainability, information technology, and more.

This year, the institute is adding four prominent senior faculty members: Andrew Cleland from the University of California, Santa Barbara; Giulia Galli from the University of California, Davis; and Melody Swartz and Jeffrey Hubbell from the École Polytechnique Fédérale de Lausanne. At the University of Chicago, these professors will lead programs in the areas of cancer research, bioengineering for immunotherapy, novel materials for water resource management, quantum computing, and quantum materials—and develop new approaches to engineering research and education.

The Institute for Molecular Engineering continues to invite applications for faculty positions at all ranks. Interested applicants must apply online at academiccareers.uchicago.edu, posting number 01983.

Learn more at ime.uchicago.edu.

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Conagen-Aiitech is a growing R&D company located in Boston, Massachusetts. Established in 2009, we focus on using synthetic biology and metabolic engineering techniques to produce high-value ingredients for food, flavor, fragrance, and pharmaceutical industries. We are currently seeking a number of senior scientists and lab technicians to participate in several on-going projects:

1. **Five senior fermentation scientists** including a Chief Fermentation Engineer. They will join a team of engineers and scientists to perform new factory design and operation, fermentation process scale up and optimization, or establishment of fermentation processes for the production of a variety of biochemicals.
2. **Two senior computational biologists.** One will focus on exploring existing and newly generated databases for metabolic pathway discovery, and bioinformatics-based enzyme function prediction. The other will focus on design, development, and data integration of a laboratory automation system anchored by an automatic liquid handling system.
3. **One senior protein scientist** to focus on protein structure analysis and modeling for the purpose of protein engineering. The candidate shall have experience altering enzyme activities through protein manipulations.
4. **One senior biochemist** to focus on enzyme discovery and functional analysis. We are interested in candidates with experience in plant/fungal/bacterial cell wall biochemistry or secondary metabolisms.
5. **Four laboratory technicians** to support the above mentioned projects.

If you are interested, please visit the career pages at http://www.conagen-inc.com for more information on application requirements and procedures.

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**PROFESSOR / PROFESSOR (WITH SPECIAL RESPONSIBILITIES)**

**Materials Physics**

DTU Physics invites applications for a position as Professor or Professor (with special responsibilities) to conduct research and teaching in materials physics. The ideal candidate has a strong track record in state of the art experimental approaches, and will be dedicated to building an experimental and problem-driven research program using neutron scattering as a primary technique. The Professor will teach at BSc, MSc, and PhD-levels in Physics.

Application deadline: 5 May 2014

DTU is a technical university providing internationally leading research, education, innovation and public service. Our staff of 5,000 advance science and technology to create innovative solutions that meet the demands of society, and our 10,000 students are educated to address the technological challenges of the future. DTU is an independent academic university collaborating globally with business, industry, government, and public agencies.

Further details: career.dtu.dk

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**THE INSTITUTE FOR MOLECULAR ENGINEERING**

**A New Approach to Engineering**

The Institute for Molecular Engineering is a unique interdisciplinary program launched in 2011 by the University of Chicago, in partnership with Argonne National Laboratory. It was created with the aim of translating molecular-level science into technological solutions and engineering systems with potential societal impact in energy, health care, environmental sustainability, information technology, and more.

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**THE UNIVERSITY OF CHICAGO**

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**ANDREW CLELAND**

Professor in Molecular Engineering

Associate director of the California Nanosystems Institute at the University of California, Santa Barbara. Cleland is at the forefront of applying quantum mechanics, having led the team that created the first quantum machine.

**GIULIA GALLI**

Liew Family Professor in Molecular Engineering

Former chair of the Extreme Physics and Chemistry of Carbon Directorate of the Deep Carbon Observatory. Galli is a pioneer in utilizing theoretical and computational methods to predict the properties of complex materials and identify new materials with targeted properties.

**JEFFREY HUBBELL**

Professor in Molecular Engineering

Merck-Serono Chair in Drug Delivery at the École Polytechnique Fédérale de Lausanne. Hubbell is an entrepreneurial materials scientist, developing biomaterials with great promise in the fields of regenerative medicine and treatment delivery.

**MELODY SWARTZ**

Professor in Molecular Engineering

Director of the Institute of Bioengineering at the École Polytechnique Fédérale de Lausanne. Swartz is redefining how other scientists regard the lymphatic system and its relationship to the cell transport system with the goal of improving cancer immunotherapy.
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.
Nankai University

“National Thousand (Young) Talents Program”, “Chang Jiang Scholars” and other faculty positions available in Nankai University

Nankai University locates in Tianjin, the third largest city in China and 30 min away from Beijing by a high-speed train. Nankai University is one of the key national universities directly under the jurisdiction of the Ministry of Education of China, and also a “211 Project” and “985 Project” university in China. Nankai University is the center for both education and academic research, and has materialized a series excellent achievements, with the quality and the quantity of the research papers, projects, funds, and prizes among the forefront of the national universities of China. Premier Enlai Zhou, the world-wide known mathematician Shing-shen Chern, physicist Ta-you Wu and playwright Yu Cao are alumni of Nankai University. Nankai University is recruiting for outstanding investigators to occupy the following honorable positions.

1. Professors and Associate Professors of “The National Thousand (Young) Talents Program”, “The State (Young) Special Support Plan”, and other high-level talent programs: In addition to the requirements defined by the program, such as “The National Thousand Talent Program” (http://www.1000plan.org/), the applicant with good health conditions should be a well-established and highly innovative scientist with strong academic records and leadership. The applicant for a young program should be able to demonstrate the potency to be an outstanding scientist in the future with the support from Nankai University.

2. Permanent and visiting professors of “Chang Jiang Scholars Program”: In addition to the requirements defined by the program (please see: http://www.changjiang.edu.cn/), the successful applicant with good health conditions should be an internationally known investigator with well-known achievements in the field, a strong leadership in guiding a first-class research team and a high capability in management and organization.

3. Nankai University Hundred Young Academic Leaders Program

This program targets the excellent young scholars who are less than 40 years old in humanity, social sciences and natural sciences fields, breaking the title barrier in application. The applicants can apply for this program before or after officially working in Nankai University and the selected scholars will be provided all-round support, such as performance-based pay of the highest level of professors, research fund, experiment and working conditions.

4. Other positions (Professor/Associate Professor/Lecturer/Postdoctoral Researchers/Nankai Lecture Professor)

Please visit http://www.nankai.edu.cn/s/12/t/27/47/27/info18215.htm for more information.

Salary, start-up package and benefits: The recruited faculty at different academic levels will be supported with competitive salary, the start-up package (competitive start-up funds, newly renovated office/lab and experienced assistants), housing allowance, medical insurance and other possible benefits. All of the above offers are negotiable.

Contact us: Applicants should send curriculum vitae in both English and Chinese, the first page of 5 publications, statement of research interests/plans and at least three references to: Ms. Yang Liu and/or Mr. Yuechao Wang, Office of Human Resources, NanKai University, 94 Weijin Road, Tianjin, China, 300071; Tel(Fax): 0086-22-2350-8595; Personnel Office website: http://rsc.nankai.edu.cn; Email: nkuniversity@nankai.edu.cn.

Nankai University is an Equal Opportunity Employer.

Xuzhou Medical College Recruitment Plan for Jiangsu specially-appointed professors in 2014

Xuzhou Medical College, situated in the city of Xuzhou, was founded in 1958. It is now the center of medical education, medical service and medical research in Northern Jiangsu and in the whole Huaihai economic zone.

I. Disciplines for Application: Biology, Basic Medicine, Pharmacy, Clinical Medicine, Public Health and Preventive Medicine, Stomatology.

II. Requirements for overseas applicants: (1) All applicants should have earned a doctoral degree and ideally they should no more than 45 years old (born after January 1st, 1969). (2) All applicants should have a minimum of two consecutive years of experience in undertaking research overseas after obtaining their doctoral degrees. More specifically, they must have been conferred with at least the title of Assistant Professor, or a position of similar status, in a recognized and accredited non-Chinese university or research institution.

III. Duration of Employment and Benefits: The Jiangsu Provincial Government will provide 1,000,000.00-2,000,000.00 RMB as research funding for Jiangsu specially-appointed professors. Xuzhou Medical College will provide research funding which will be no lower the Provincial standard. For the 3-year employment period, the Jiangsu Provincial Government will provide a bonus of 120,000.00 RMB for each professor every year. Xuzhou Medical College will also give competitive offers.

IV. More information and to apply visit website:

http://rsc.xzmc.edu.cn/

V. Contact:

Address: No. 209 Tongshan Rd. Xuzhou, Jiangsu province, China (postal code: 221004)

Department: Personnel Department, Xuzhou Medical College

Contacts: Du Gang, Li Yuandong

Tel: 0516-83262040, 83262042

Email: szb@xzmc.edu.cn

Website: www.xzmc.edu.cn
Women in Science Booklet

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Neuroscience Gene Vector and Virus Core Director

Stanford University is seeking an outstanding and entrepreneurial molecular biologist/virologist to lead and manage the Neuroscience Gene Vector and Virus Core (http://med.stanford.edu/gvvc). This core assists in the design of viral vectors and generation of viral stocks for Stanford researchers. The successful candidate will have Ph.D. and/or M.D., and several years of productive postdoctoral research involving the generation and use of viruses (e.g., adeno associated viruses (AAV), lentiviruses, and retroviruses). Experience and knowledge of AAV biology is strongly desired. The independent director supervises a team of molecular biologists/virologists, is responsible for the administration and operation of the core, and works with School of Medicine Staff to set service rates and develop the core business strategy. Salary will be commensurate with experience.

Please submit a CV, statement of research experience, and have 3 letters of recommendation sent by April 15, 2014 to:
Kristy Verhines, ksn@stanford.edu

Stanford University is committed to increasing representation of women and members of minority groups on its staff and particularly encourages applications from such candidates.

THE UNIVERSITY OF NIGERIA NSUKKA
INTERNATIONAL CENTRE FOR BIOTECHNOLOGY

A Centre under the auspices of UNESCO

Executive Director
of the International Centre of Biotechnology at the University of NigeriaNsukka (ICB – UNN)
a UNESCO Category II Centre

The newly founded International Centre for Biotechnology under the auspices of UNESCO, located in the university town ofNsukka, in South-EasternNigeria, is seeking a highly motivated Director to drive its launch and subsequent growth.

The ideal candidate for the post should have an excellent track record of research and publication in a relevant field in the area of Biotechnology and at least five years’ experience either as a senior researcher or Director of an equivalent institute. In addition, the candidate should possess proven managerial and interpersonal skills, which will be deployed in overseeing the overall research activities of the Institute, fostering productive partnerships with collaborators and stakeholders and the attraction of resources through research grants and other fund-raising activities, which may be needed for the sustenance and growth of the Institute.

As the first Director of the Institute, you will play a vital role in driving the strategic vision of the Institute and will have a responsibility for ensuring that the Institute becomes internationally recognized as one of the premier research centres in Africa. You will be responsible for ensuring that the Institute achieves international recognition as a regional centre for innovative research in the mandate areas of Food Security, Bio-resource Conservation and Tropical Diseases.

Candidates must hold a PhD or an equivalent title in a relevant field of study, such as Molecular Biology, Pharmacology, Biochemistry, Microbiology and Medicine, and should be actively involved in research.

Candidates will be offered a competitive salary and conditions of service, and will receive a relocation allowance.

Additional information on this post can be found at: http://www.unesco.org/new/ICB-UNN

Applications should send a cover letter, CV with full list of publications, a concise description of concept of the development and management of ICB-UNN and a statement of research interest to: I. Houriau@unesco.org. Shortlisted candidates will be invited for a presentation at ICB-UNN during a special meeting of the International Advisory Board in the spring of 2014.

For more information, please contact Prof. Bartholomew N. Okolo, Chair of the ICB-UNN International Advisory Board (bato_okolo@yahoo.com), Prof. Jerry Ugwuonyi, Project Coordinator, ICB-UNN (phone: +234-8033665138, Email: jerry.ugwuonyi@unne.edu.ng) or Professor Madje J Nalecz, Director of the International Basic Sciences Programme, UNESCO (m.nalecz@unesco.org).

UK

BIOCHEMISTRY FACULTY POSITION

The Department of Molecular and Cellular Biochemistry at the University of Kentucky invites applications for a tenure track faculty position at the ASSISTANT, ASSOCIATE or FULL professor level. We are particularly interested in candidates whose area of research complements existing departmental strengths including, but not limited to metabolomics, chemical biology, and the molecular basis of cardiovascular disease, neurodegenerative disorders, diabetes, and cancer. The successful candidate must possess a Ph.D., M.D. or equivalent degree. Senior applicants must have an active, internationally recognized, extramurally funded research program. For junior applicants, possession of extramural funding is strongly preferred. Translational programs that encompass aspects of both basic and clinical research are of special interest.

The successful candidate will benefit from a stimulating and collaborative environment within the department, a strong graduate program, and state-of-the-art facilities in a new 185,000 ft² research building. Competitive start-up funds and appropriate space will be offered.

Evaluation of applicants will begin April 1, 2014, and continue until the position is filled. Interested applicants should visit http://medicine.uky.edu/biochemreference to access the on-line faculty application. Required application materials include a curriculum vitae, a description of your current and future research program, and the names of three references. Inquiries may also be directed to Dr. Rebecca Dutch, Chair, Faculty Search Committee at biochem@uky.edu.

For further information about the Department, visit: http://biochemist ry.med.uky.edu/

The University of Kentucky is an Equal Opportunity Employer and encourages applications from minorities and women.
EXECUTIVE DIRECTOR
Division of Earth and Ecosystem Sciences
The Desert Research Institute (DRI) has an exciting opportunity for an Executive Director for its Division of Earth and Ecosystem Sciences who has a highly diversified research portfolio that includes biological, geological, and archaeological sciences. The Executive Director’s primary function is to manage, facilitate, and grow divisional research activities, faculty, and staff. Applicants must have a Ph.D. or equivalent graduate degree in archaeological, biological, Earth sciences, or a related field, or professional experience commensurate with an advanced degree. For complete details, visit website: http://jobs.dri.edu. 
DRI is an Affirmative Action/Equal Employment Opportunity/Disability/Veteran Employer.

ASSOCIATE DIRECTOR
Colorado State University’s (CSU) School of Global Environmental Sustainability (SoGES) seeks an Associate Director. The successful candidate will help the Director assure the School functions effectively, and takes the lead as a key player and partner in university-wide, regional, and international sustainability research and education initiatives. Minimum requirements include an Associate to Full Professor level OR advanced degree(s) plus six years relevant experience related to sustainability sciences; evidence of significant contribution to successful, large scientific initiatives; successful fundraising or grantsmanship; scholarly accomplishments; strategic planning and long-term project coordination experience; and excellent communication skills and ability to work with diverse groups. Read full job description and apply at website: http://sustainability.colostate.edu/jobs. For full consideration, apply by March 31, 2014. CSU is an Equal Opportunity/Equal Access/Affirmative Action Employer and conducts background checks on all final candidates.

FOREST GENETICS RESEARCH LEADER
The Washington State Department of Natural Resources is seeking candidates in the fields of molecular genetics, microbiology, mycology, dendrology, or related field to fill a new research position. This position will serve as an expert in the field of forest genetics, independently performing original scientific research to improve the health and productivity of native conifer trees. The position resides in Tumwater, Washington, and includes a monthly salary of up to $7,333 (depending on qualifications), benefits package, and potential moving expense allowance. For information contact us by telephone: 360-902-1228 or go to our jobsite at website: http://www.dnr.wa.gov/AboutDNR/ Employment/Pages/Home.aspx scroll down to Forest Genetics Research Leader announcement.

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