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Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US and non-US law. Since we are an international journal, you may see ads from non-US countries that request applications from specific demographic groups. Since US law does not apply to other countries we try to accommodate recruiting practices of other countries. However, we encourage our readers to alert us to any ads that they feel are discriminatory or offensive.

Science Careers

From the journal *Science* AAAS

POSITIONS OPEN



**TENURE-TRACK FACULTY POSITIONS
Cell Biology and Molecular Genetics**

The Department of Cell Biology and Molecular Genetics at the University of Maryland, College Park is seeking junior and mid-career faculty with the demonstrated ability to develop high-impact research programs in cell biology and/or microbial pathogenesis. In cell biology, areas of interest include membrane traffic, signal transduction, and the regulation of gene expression, with emphasis on approaches that involve mammalian systems, genetics of model organisms, bioinformatics, functional genomics, and high-resolution microscopy. In microbial pathogenesis, areas of interest include viral, bacterial, and protozoan pathogens, their interactions with host plants or animals, and strategies for detection, prevention, and treatment of disease. These appointments will be part of an ongoing campus drive for enhancement in the life sciences.

Successful candidates will be expected to maintain a vigorous, externally funded research program and to participate in undergraduate and graduate teaching. Applicants must have a doctoral degree, relevant post-doctoral experience, an outstanding publication record, and a commitment to excellence in teaching. Additional information about the Department can be found at **website:** <http://www.life.umd.edu/CBMG>.

The University of Maryland, College Park is the flagship campus of the University System of Maryland and one of the most rapidly advancing public research universities in the country. The Department offers outstanding new research facilities and a highly interactive environment, with extensive opportunities to interact with scientists affiliated with other departments, centers, and institutes at the University of Maryland, including the Center for Bioinformatics and Computational Biology, the Maryland Pathogen Research Institute, the Maryland NanoCenter, and the Center for Biomolecular Structure and Organization. Additionally, close proximity to Washington, D.C., Baltimore, and the Maryland Biotechnology Corridor facilitates interactions with an extraordinary range of major research institutions, including the NIH, National Institute of Standards and Technology, U.S. Department of Agriculture, the Smithsonian Institution, and U.S. Food and Drug Administration.

Applicants should apply electronically by e-mailing a single PDF file containing (1) a letter of application, (2) curriculum vitae, (3) statement of research and teaching interests, and (4) the names and addresses of at least four references to: **Dr. Jonathan Dinman, Search Committee Chair, e-mail: mbarott@umd.edu**. For best consideration, applications should be received by September 30, 2009, but will be accepted until positions are filled.

The University of Maryland is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented groups are especially encouraged to apply.

Tenure-track ASSISTANT/ASSOCIATE PROFESSOR, New York University School of Medicine. The Department of Environmental Medicine is seeking an individual to set up an independent research program in epigenetics and its regulation in relation to toxicological responses or to cancer development. An attractive startup package is available depending on qualifications. Laboratories are located 45 minutes outside Manhattan near Tuxedo, New York. Please send curriculum vitae and list of three references to: **Dr. Max Costa, Professor and Chairman, Department of Environmental Medicine, at e-mail: max.costa@nyumc.org**.

POSTDOCTORAL FELLOW needed at the University of Wisconsin-Madison to study the mechanisms of control of replication of the AIDS virus using the SIV-infected rhesus macaque. Experience in molecular biology and cellular immunology required. Please send curriculum vitae and the names of three references to: **Dr. David Watkins, c/o Amanda Espinosa, 555 Science Drive, Madison, WI 53711. E-mail: abriggs@primate.wisc.edu**.

POSITIONS OPEN



**DIVISION DIRECTOR
Physical Biosciences Division**

The Physical Berkeley National Laboratory is seeking a Division Director for the Physical Biosciences Division. Berkeley Laboratory conducts pioneering research across a wide range of scientific disciplines with key efforts in fundamental studies of the universe; quantitative biology; nanoscience; new energy systems and environmental solutions; and the use of integrated computing as a tool for discovery. It is organized into 14 scientific divisions and hosts four U.S. Department of Energy (DOE) national user facilities. Berkeley Laboratory is located in the San Francisco Bay area on a 200-acre site in the hills above the University of California's Berkeley campus and is managed by the University of California for DOE.

Candidates must possess a distinguished record of scientific accomplishments in a discipline relevant to the research of PBD, and have proven experience with scientific management and development. Experience must include the ability to provide scientific and strategic leadership for a multidisciplinary group of scientists covering a variety of disciplines such as biology, microbiology, bioengineering, biophysics, physics, chemistry or related fields. This leadership position requires the ability to interact effectively with funding agencies, such as DOE, and demonstrated ability to initiate substantial new research efforts. Also required are superior interpersonal and communication skills needed to effectively build and maintain relationships with key internal and external stakeholders, and proven skills in building and leading collaborations among multidisciplinary teams. In addition, the candidate must have prior experience in effective organizational management and administrative oversight, demonstrated creativity in decision making and problem solving, experience in human resource management, and a commitment to mentoring and career development.

Learn more about this opportunity and apply at **website:** <http://cjo.lbl.gov/LBNLCareers/details.asp?jid=23175&cp=1>.

Berkeley Laboratory is an Affirmative Action/Equal Opportunity Employer committed to the development of a diverse work force.

**UNIVERSITY OF MARYLAND,
BALTIMORE – SCHOOL OF MEDICINE**

POSTDOCTORAL POSITIONS in thermo-immunobiology available to study the immunomodulatory effects of fever and its interaction with heat-shock pathways. Ongoing studies focus on transcriptional and posttranscriptional gene regulation that contributes to inflammation and the innate immune response. Candidates with strong background in biochemistry and proven experience in molecular biology including DNase footprinting, in vitro transcription, RNA polysome analysis, and chromatin immunoprecipitation assays preferred. Please send cover letter, curriculum vitae, and three references to **e-mail: jhasday@umaryland.edu**. **Jeffrey D. Hasday, M.D., Department of Medicine, University of Maryland School of Medicine, HSF-2, Room S347, 20 Penn Street, Baltimore, MD 21201.**

POSTDOCTORAL RESEARCHER. Seeking a highly motivated individual to conduct NIH-funded research on mechanisms of the Type III secretion system and signal transduction in pathogenic bacteria by means of X-ray crystallography and electron cryomicroscopy in **Dr. Liang Tang's** laboratory at the Department of Molecular Biosciences, University of Kansas. Requires a Ph.D. in biochemistry or a related field, with a strong background in protein crystallography. For more information and to apply go to **website:** <https://jobs.ku.edu> and search for job #00004831. Review of applications begins August 1, 2009, and will continue until the position is filled. *Equal Opportunity/Affirmative Action Employer.*



DIRECTOR Center for Nanophase Materials Sciences (CNMS)

The Oak Ridge National Laboratory (ORNL), a premier science and energy laboratory, is seeking an outstanding research leader for the position of **Director, Center for Nanophase Materials Sciences (CNMS)**. The CNMS, one of five Department of Energy national nanoscience user facilities, is dedicated to the design, synthesis, characterization, and theory/modeling/simulation of nanoscale materials. The CNMS occupies a new, dedicated building with over 30 laboratories and a 10,000 sq. ft. nanofabrication clean room facility. Therefore, you will be provided with the ideal environment to create rich opportunities for collaborative research in a national laboratory environment.

Major responsibilities will include:

- Defining and leading an innovative research program
- Attracting and retaining outstanding research staff
- Managing a \$20M annual operating budget and additional capital equipment budget

Qualifications include:

- Ph.D. in physical sciences, engineering or related field
- Greater than 10 years of professional research experience beyond the doctorate
- Greater than 8 years experience leading multi-disciplinary research groups

For a more detailed job description, and to apply, please visit our company's website at:
<http://jobs.ornl.gov/> or www.ornl.gov

We are an Equal Opportunity Employer.



Canada Excellence Research Chair in Carbon Capture and Storage

With \$10 million committed over a 7 year period, the Canada Excellence Research Chair (CERC) in Carbon Capture and Storage offers a world class funding opportunity for an outstanding researcher.

One of the pillars of the *University of Calgary's* academic mission is innovative leadership in energy and the environment. You will play a significant role in the pursuit of that mission. You are already establishing your place amongst the world's leading researchers and developers of carbon capture and storage (CCS) technologies. Why not accelerate your work in Calgary, one of the world's energy capitals?

To fund the development and implementation of carbon capture and storage projects, the Government of Alberta is investing \$2 billion in commercial-scale demonstration of carbon capture and storage over the next 10 years. The Canadian Government will invest an additional \$1 billion over the next five years. This commitment creates the largest CCS demonstration and research investment in the world, right in the heart of Western Canada, home to the University of Calgary.

With carbon management in the fossil fuel sector positioned as a top research priority at the University there are already nearly 50 research faculty, along with hundreds of students and post-doctorate researchers doing work in this critical area. The University of Calgary has also recently been short-listed to lead a national research effort on fossil carbon management and the CERC would be expected to take a leadership role in this \$50+ million research initiative.

Committed to integrated, multi-disciplinary research, the CERC will be contributing within the Institute for Sustainable Energy, Environment and Economy (ISEEE) at the University of Calgary. ISEEE provides leadership in engaging world-class research and education, for advancing sustainable energy, environment and the economy. The Institute consolidates and builds upon the knowledge and expertise in six faculties at the University of Calgary (the Schulich School of Engineering, Science, Social Sciences, Environmental Design, the Haskayne School of Business, and Law).

There is no more important area of research for Canada's resource rich economy and the global environment. The stakes are high. The time is now. The place is Calgary.

To explore this opportunity further, please forward your résumé to Hamilton Hall Soles/Ray & Berndtson at careers@hhsrb.ca or phone + (1) 403-410-6700 or submit your résumé and related information online at www.rayberndtson.ca/en/careers/8560 For further information on the CERC program visit www.cerc.gc.ca, and for information on ISEEE visit www.iseee.ca

GRANTS



WELCOME PROGRAMME 3rd call for proposals

Welcome programme is addressed to **foreign scientists or Polish scientists returning to country, who wish to conduct scientific research in Poland with the participation of young researchers (master students, PhD students, and post-doctorate fellows).**

The offered funding consists of stipends (tax exempt) for a group leader (up to 80 000* euro/year/), Master level students, PhD students, Postdocs (1100* euro/month) and grants amounting to 230 000* euro/year/group.

*the exact amount depending on the current exchange rate

The closing date for applications is 15 April 2010.

**For further information visit:
www.fnp.pl**

The programme is financed from the Operational Programme Innovative Economy 2007-2013; measure 1.2 – Strengthening the human potential in the science sector

The Wellcome Trust–DBT India Alliance

Biomedical Research Careers Programme for India

The Wellcome Trust–DBT India Alliance provides opportunities for scientists at key stages of their research careers and funds science across the full spectrum of biomedical research – from fundamental molecular and cellular studies through to clinical and public health research.

Senior Fellowships



For outstanding scientists who wish to undertake independent, internationally competitive research in India.

The Fellowship provides five years' funding to support the Fellow and research expenses.

Candidates should have between five and ten years' research experience at a postdoctoral level, or clinical/veterinary equivalent, at the full application deadline.

Candidates need not be Indian nationals but must already be pursuing or intend to pursue an academic research career in India. Applications are particularly encouraged from scientists currently working outside India who wish to return there.

Early Career Fellowships

For the most promising newly qualified postdoctoral researchers to make an early start in launching their independent research careers, working in the best laboratories in India.

The Fellowship provides four years' funding to support the Fellow and research expenses. Fellows may normally spend up to 12 months outside their host institution working in other leading-edge laboratories within India or overseas.

Candidates should:

- be Indian nationals, but do not have to be resident in India during the application process
- have no more than 12 months' postdoctoral (or equivalent clinical) experience at the time of submission of a full application.

Applications will also be accepted from candidates in the final year of their PhD.



Deadlines for both schemes

Preliminary applications must be received no later than **14 September 2009**.

Full applications will be invited by 12 October 2009 for submission by 4 December 2009.

Further information and preliminary application forms are available at www.wellcomedbt.org

The Wellcome Trust–DBT India Alliance is a registered charity in India.



Careers with **Mass Appeal**

Alton J. Brann Endowed Professorship

The University of Massachusetts Boston (UMB) is inviting applications from senior scientists to conduct basic and translational research in an area related to the mission of the new joint Center for Personalized Cancer Therapy (CPCT), a partnership with the Dana Farber-Harvard Cancer Center (DF/HCC). The successful applicant will serve as UMB's academic leader for the CPCT. The position will be tenured at UMB with a joint appointment at the Dana-Farber Cancer Institute. The successful candidate will apply their vision to influence the direction and inspire the growth of the new Center, and work with a team of outstanding biomedical researchers.

Center for Personalized Cancer Therapy (CPCT)

The CPCT is a joint program between UMB, a leading urban public research university, and DF/HCC, a world leader in research and converting discoveries into improved cancer prevention, diagnosis, and treatment. The Center will be located on the UMB campus. The purpose of the CPCT is to bring together leading scientists from UMB and DF/HCC to focus on the multidisciplinary problem of diagnosing and treating the myriad of cancers that vary at the molecular level but remain indistinguishable in conventional clinical analyses. The initial mission of the CPCT is to develop reliable, affordable and specific tests using monoclonal antibodies to identify subtypes of common cancers. The CPCT will conduct basic and translational research to develop low-cost diagnostic tests that can be implemented in community hospital settings. Thus, a major goal of the Center is to provide affordable, cutting-edge cancer treatment tools as a means of mitigating racial, ethnic, and socioeconomic disparities in cancer outcomes.

Alton J. Brann Endowed Professorship

The successful candidate will assume the Alton J. Brann Endowed Professorship, an endowed Chair in the College of Science and Mathematics. UMass Boston is currently developing a \$150 million Integrated Sciences Complex that will provide significant new campus research facilities including the permanent home for the CPCT and the Brann Chair laboratory. The Brann Professor is expected to have established a distinguished internationally recognized research program with a record of sustained funding. We expect that the successful candidate will work in an area of scientific relevance to the Center. A non-exclusive list of potential research emphases might include development and use of recombinant or synthetic antibody technologies; molecular pathology; or molecular diagnostics. The successful candidate will interact with biomedical faculty, develop training activities that take advantage of CPCT's unique opportunities, and interact with the CPCT Operations Director and the CPCT Scientific Advisory Committee. Leadership qualities, and the ability to translate a scientific vision into the building of a successful cancer research center are particularly sought. Appointment will be at the level of Full Professor with direct support from the Alton Brann Chair endowment. Considering the status of UMass Boston as New England's most diverse university, and the mission of CPCT, we are particularly interested in receiving applications from qualified minority candidates.

Review of applications will begin **September 1, 2009**, and continue until the position is filled. Please apply online with a cover letter, curriculum vitae, and names, addresses and telephone numbers of at least four references to: **Andrew J. Grosovsky, Dean, College of Science and Mathematics; <http://umb.interviewexchange.com/candapply.jsp?JOBID=14294>**

UMass Boston is an Affirmative Action, Equal Opportunity, Title IX employer, and encourages applications from minorities, women, and those with different abilities.



**FACULTY POSITIONS AT
YALE UNIVERSITY
Department of
Molecular, Cellular and
Developmental Biology**

The Department of Molecular, Cellular and Developmental Biology at Yale University invites applications for faculty appointments as assistant, associate or full professor from individuals working in any area of molecular, cellular or developmental biology. The Department encourages applications from candidates using any experimental system (animals, microorganisms or plants) and biochemistry, computation, genetics, microscopy or molecular biology to investigate outstanding questions in contemporary biology at the cellular or molecular level. We expect successful candidates to develop active research groups, be interactive members of the faculty and participate in interdisciplinary research and training. Successful candidates should demonstrate communication skills commensurate with excellence in teaching at both the undergraduate and graduate levels.

During October 2009 the search committee will begin to screen applications and start to invite candidates to visit. Applications will close **December 1, 2009**. Submit an application, a *curriculum vitae* and a description of research interests to mcdb.search@yale.edu. Request at least three individuals submit letters of recommendation on your behalf to mcdb.search@yale.edu. Address correspondence to: **Faculty Search Committee, KBT 1204, Department of Molecular, Cellular and Developmental Biology, Yale University, P.O. Box 208103, New Haven, CT 06520-8103.**

Yale University is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented minority groups are especially encouraged to apply.



**ASSISTANT/ASSOCIATE PROFESSOR
Pharmaceutical Sciences/Bioengineering/Nanomedicine**

The Department of Pharmaceutical Sciences at Washington State University in Pullman, WA (www.pharmacy.wsu.edu/PharmSci/) invites applications for a full-time, 12-month tenure-track position at the rank of Assistant or Associate Professor to begin January 1, 2010. **Qualifications:** Applicants must have an earned doctorate in pharmaceutical sciences, bioengineering, biomolecular engineering or a related discipline; postdoctoral training; and ability/potential to contribute to the teaching and research missions of the department. **Responsibilities:** Candidates will be expected to: (a) teach at both the professional and graduate levels; (b) develop and maintain an extramurally funded research program; and (c) share in service to the Department, College and University. The successful candidate will receive a competitive start-up package and will be expected to establish an outstanding research program that will attract continued extramural funding. Preference will be shown to those whose research aligns with nanomedicine and delivery systems for drugs, genes, peptides, nucleic acids, or viral delivery. The successful candidate should have excellent communication and interpersonal skills, collegiality, and a strong global perspective. He/she should demonstrate the ability to contribute effectively in the department's teaching missions at both professional and graduate levels.

Screening of applicants will begin **September 1, 2009**. The application must include a letter of interest, *curriculum vitae*, statements of research goals and teaching interests, as well as the names, email addresses, and contact information for three references. Send applications to: **Ms. Paula Marley, Principal Assistant, Dept. of Pharmaceutical Sciences, College of Pharmacy, Washington State University, Pullman, WA 99164-6534; Email: bbr@wsu.edu; Phone: (509)335-5545; Fax: (509) 335-5902.** Applications should be mailed or emailed as PDF documents.

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From the journal *Science* AAAS

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Director, MRC – University of Glasgow Centre for Virus Research

This is an excellent opportunity to lead and shape a new multi-disciplinary initiative in virology research targeting viruses of importance to human and animal health.

The Medical Research Council and University of Glasgow are jointly investing in a new Centre for Virus Research. The Centre will integrate molecular, clinical and veterinary virology, epidemiology and public health, and mathematical modelling to guide new approaches to the management of viral infections.

It is intended that the Centre will be located in a new building on the Garscube site adjacent to the Institute of Comparative Medicine providing excellent facilities and opportunities for cross-disciplinary working. Staff of the Centre will collaborate and network with scientists involved in virology research at other leading Universities nationally and internationally, in order to support cutting edge research programmes and to respond to national priorities regarding existing and newly-emerging viral infections that have a major impact on population health.

We seek a Director to lead this new initiative. The Director will have overall responsibility for the Centre's programme of research, including the MRC Virology Unit, and will participate in the planning of the new facility.

The Centre will combine the strengths of the current MRC Unit and University research programmes in herpes simplex, cytomegalovirus, hepatitis C,

retroviruses and papilloma viruses as well as cross cutting themes including host-virus interactions, viral genomics, structural biology, epidemiology and mathematical modelling – with the overall goal of identifying new anti-viral approaches with clinical and veterinary application.

For this key role we seek a Director who:

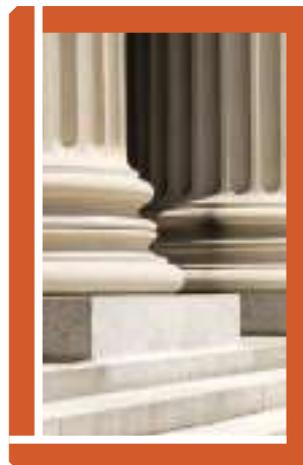
- Is an internationally recognised virologist (PhD, MD or equivalent) with an excellent publication record and success in winning grants from major funders
- Has demonstrable breadth, leadership experience (or potential) and ability to work across disciplines
- Preferably has been involved in advising governments or other agencies in setting policies and priorities for virus research and/or control

Contractually, the Director will be an employee of the University of Glasgow, appointed at professorial level, with commensurate, excellent terms and conditions.

The MRC and University of Glasgow are both Equal Opportunity employers.

Further information please visit www.gla.ac.uk/jobs

To discuss your interest in strict confidence, please contact either Dr Marc Lambert or Dr Kevin Young at the RSA Group: 09421@theRSAGroup.com; +44 (0)1707 259333 closing date: Friday 28 August.



Nontraditional Careers: Opportunities Away From the Bench

Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists across different sectors and strategies you can use to pursue a nonresearch career.

**Now Available
On Demand**
www.sciencecareers.org/webinar

Participating Experts:

Dr. Lori Conlan

*Director of Postdoc Services,
Office of Intramural Training and Education
National Institutes of Health*

Pearl Freier

*President
Cambridge BioPartners*

Dr. Marion Müller

*Director, DFG Office North America
Deutsche Forschungsgemeinschaft
(German Research Foundation)*

Richard Weibl

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American Association for the
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Science Careers

From the journal *Science*





**CGIAR Challenge Program
“Climate Change, Agriculture and Food Security”
(CCAFA)
Six Theme Leaders**

CCAFA is a major collaborative endeavour between the international agricultural (CGIAR) and global environmental change (Earth System Science Partnership, ESSP) research communities. The Program is launched in 2009 for a period of 10 years. For further details of the Program please consult:

www.cgiar.org/impact/challenge/index.html or
www.essp.org/index.php?id=76

This new Program is now seeking candidates for the six positions of Theme Leader, which will provide continuity of vision and intellectual leadership for their given Research Theme, and share responsibility for integrating Theme research into the overall CCAFA.

The six Themes are:

- 1: Diagnosing vulnerability and analysing opportunities
- 2: Unlocking the potential of macro-level policies
- 3: Enhancing engagement and communication for decision-making
- 4: Adaptation pathways based on managing current climate risk
- 5: Adaptation pathways under progressive climate change
- 6: Poverty alleviation through climate change mitigation

The Theme Leaders will be appointed by the CCAFA Steering Committee and will report to the CCAFA Director.

Theme Leaders will be appointed on a part-time ($\geq 50\%$ of time) or full-time basis. For part-time appointees the remaining time would be funded by their home institution to enable them to continue their respective institution's activities.

The appointee will have the following key responsibilities:

- Demonstrate scientific leadership through producing high quality scientific papers, with colleagues and partners.
- Provide scientific leadership for planning, implementing and monitoring the Theme research agenda.
- Assist the Director in fund-raising, synthesis work, integration amongst Themes and ensuring an impact orientation.
- Keep in close contact with the Regional Facilitators to ensure that the Theme research activities in each region contribute to the overall achievements of the Program.

Essential qualifications and competencies:

- PhD or equivalent academic qualifications in agricultural and / or environmental sciences and demonstrated international standing in issues related to climate change, agriculture and food security.
- Demonstrated competency in communication and interpersonal skills, including extensive ability to motivate, inspire and promote team-work through negotiation and consensus-building.
- Interest and experience in ensuring that science outputs lead to outcomes and impact.
- Familiarity with the respective research agendas of the CGIAR and ESSP communities.
- Fluency in English, both written and spoken; and good working knowledge of other major international languages would be a considerable advantage.

For terms and conditions, please consult the full text of the vacancy announcement at the above websites.

A letter of application and CV in English with names and full contact details of three referees should be sent to:

The Challenge Program Chair,

Professor Thomas Rosswall,

thomas.rosswall@gmail.com by **10 September 2009**.

The letter of application should clearly specify which of the six themes the candidate is applying for, and whether a candidate is seeking a full-time or part-time position. Where the applicant is part of a home institution that is offering support to CCAFA, the nature of such support should be outlined. For additional information about the position, please contact Thomas Rosswall.

THE UNIVERSITY OF HONG KONG



Founded in 1911, The University of Hong Kong is committed to the highest international standards of excellence in teaching and research and has been at the international forefront of academic scholarship for many years. Of a number of recent indicators of the University's performance, one is its ranking at 26 among the top 200 universities in the world by the UK's *Times Higher Education Supplement*. The University has a comprehensive range of study programmes and research disciplines, with 20,000 undergraduate and postgraduate students from 50 countries, and a complement of 1,200 academic members of staff, many of whom are internationally renowned.

**Tenure-Track Associate Professor/Assistant
Professor in Environmental Science
(Ref.: RF-2009/2010-9)**

Applications are invited for appointment as Associate Professor/Assistant Professor in Environmental Science in the Faculty of Science, from as soon as possible. The post will initially be made on a three-year term. Appointees who have demonstrated performance will be considered for tenure after satisfactory completion of a second three-year term.

The Faculty of Science is expanding on its research and teaching program in environmental science. We therefore encourage applications from well-qualified candidates with research expertise in the following areas: climate change, marine and oceanic sciences, atmospheric science, planetary science, geobiology, and natural hazards. Applicants with expertise in other areas under the general theme of environmental science will also be considered. Information about the Faculty can be obtained at <http://www.hku.hk/science>.

For Associate Professor level: applicants should be able to demonstrate excellence in teaching and research, and possess a proven record of high-quality scholarship and services. The appointee should be able to provide academic leadership in both research and teaching, and is also expected to supervise postgraduate students, conduct an ongoing active research agenda, obtain research grants, serve on committees within the University and external professional organizations.

For Assistant Professor level: applicants should possess good teaching and research skills and be able to demonstrate strong potential for research excellence. The appointee is expected to commit to high-quality scholarly research, submit grant proposals, publish in top-tier academic journals and supervise postgraduate students.

Annual salaries will be in the following ranges (subject to review from time to time at the entire discretion of the University):

Associate Professor : HK\$661,980 – 1,023,720
Assistant Professor : HK\$504,480 – 779,640
(approximately US\$1 = HK\$7.8)

The level of appointment and salary will be commensurate with qualifications and experience. The appointment will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary, as well as leave, and medical/dental benefits. Housing benefits will be provided as applicable. At current rates, salaries tax does not exceed 15% of gross income.

For enquiries of the existing research activities and the specific job requirements, please write to Professor Sun Kwok, Dean of Science (e-mail: deansci@hku.hk). The application should include a curriculum vitae with a detailed publication list, a research plan, and a statement on teaching philosophy. **Further particulars and application forms** (152/708) can be obtained at <http://www.hku.hk/apptunit/>; or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hku.hk). **Closes September 30, 2009**. Candidates who are not contacted within 3 months of the closing date may consider their applications unsuccessful.

The University is an equal opportunity employer and is committed to a No-Smoking Policy

POSITIONS OPEN



Two NIH-funded **POSTDOCTORAL POSITIONS** are available immediately to study signaling pathways that regulate the translational machinery. Current laboratory focus is on the abnormal regulation of protein synthesis in lymphoma cells and how this can be exploited for cancer therapy. Interested candidates must possess a recent Ph.D. with relevant experience in molecular biology. Priority will be given to U.S. citizens/permanent residents and candidates with experience in RNA technology. The laboratory is located in the Bressler Research Building with state-of-the-art facilities including core facilities for confocal microscopy, mass spectrometry, flow cytometry, bioinformatics, animal husbandry, and other techniques. The University of Maryland Marlene and Stewart Greenebaum Cancer Center is an NCI-designated cancer center and is located next to the Inner Harbor in downtown Baltimore. Interested candidates should e-mail curriculum vitae, statement of research interests, and contact information for three references to: **Ronald B. Gartenhaus, M.D., Associate Professor of Medicine, The University of Maryland School of Medicine, e-mail: rgartenhaus@som.umaryland.edu.**

**POSTDOCTORAL POSITIONS
in Molecular Biology/Microscopy
University of Georgia
Complex Carbohydrate Research Center**

Two positions are open at the postdoctoral level to work on a project to determine the functional significance of carbohydrate binding modules in the deconstruction of plant cell walls. (1) Molecular biology/protein biochemistry/enzymologist with experience. Applicants should have experience in green construction, protein expression and purification, and the enzymology of carbohydrate modifying enzymes. (2) Immunolocalization (fluorescence and immunogold) of proteins and polysaccharides. Demonstrated experience with light (visible and fluorescent) and electron microscopy (both transmission EM and scanning EM) is required. Experience with laser confocal microscopy is desirable. Preference will be given to candidates having prior experience with these techniques. All interested applicants should forward curriculum vitae and list of three references to: **Harry Gilbert, UGA/CCRC, 315 Riverbend Road, Athens, GA 30602-4712. E-mail: hgilbert@ccrc.uga.edu; fax: 706-542-4412.** Review of applications is ongoing and will continue until positions are filled. *Equal Employment Opportunity/Affirmative Action Employer.*

**POSTDOCTORAL POSITIONS
in Cardiovascular Research**

Positions are available in the Department of Molecular Cardiology at the Lerner Research Institute, Cleveland Clinic to study a newly discovered heart enzyme, corin, that processes cardiac hormones and regulates blood pressure (**website: <http://www.lerner.ccf.org/moleccard/wu/>**). We take molecular biology, cell biology, biochemical, and genetic approaches to define the biological function of corin and its role in cardiovascular disease such as hypertension and heart failure. Highly motivated recent graduates with an M.D. or Ph.D. with strong background of cardiovascular biology, proteases, and mouse models are encouraged to apply. Send your curriculum vitae and names of references to: **Qingyu Wu, M.D., Ph.D., Cleveland Clinic/ND50, 9500 Euclid Avenue, Cleveland, OH 44195. E-mail: wuq@ccf.org.**

POSTDOCTORAL POSITION available in the New York University Lung Cancer Biomarker Center to identify and characterize novel biomarkers in high-risk smokers for the early detection of lung cancer. Gene-environment interactions pursued. Experience with molecular biology techniques desirable. Ph.D. and/or M.D. degree and *green card or U.S. citizenship only.* E-mail: **william.rom@nyumc.org.**

POSITIONS OPEN

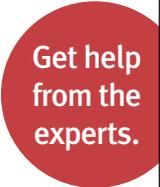


NEUROSCIENCE POSTDOCTORAL FELLOWS

NIH-funded Postdoctoral Fellow positions available to study nicotinic receptor functions in the etiology of autism, schizophrenia, and addiction. Significant experience in one or more techniques using molecular, cellular, transgenic, electrophysiology, and confocal imaging techniques and knowledge of neuroscience are desirable. The laboratory is part of the Interdisciplinary Neuroscience Signature Program and is located in the newly constructed Biomedical Research Tower with state-of-the-art facilities for proteomics, genomics, and imaging. Please send curriculum vitae and names of references to: **Rene Anand, Department of Pharmacology, 796 Biomedical Research Tower, 460 W. 12th Avenue, The Ohio State University College of Medicine, Columbus, OH 43210. E-mail: anand.20@osu.edu.** *OSUMC is an Equal Opportunity Employer.*

NIH-funded **POSTDOCTORAL** research position is available in the Department of Pediatrics at the Baylor College of Medicine in Houston, Texas, to study molecular regulation of cytochrome P450A genes, in relation to oxygen-mediated lung injury in animal models and cell culture. We will use transgenic and knockout mouse models and utilize state-of-the-art techniques (chromatin immunoprecipitation, site-directed mutagenesis, in vivo bioluminescent imaging, liquid chromatography-mass spectrometry/mass spectrometry, microarray technology, confocal microscopy). The applicants are required to have a Ph.D. in a related field. Experience in molecular and cell biology is highly desirable. Please send your curriculum vitae to: **Dr. Bhagavathula Moorthy, e-mail: bmoorthy@bcm.edu.**

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