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The Department of Biomedical Sciences and the Center of Excellence in Diabetes and Obesity at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center, El Paso, Texas are seeking candidates for tenure track faculty positions at the Assistant or Associate Professor level. This is part of a state-funded initiative to enhance research in diabetes and obesity in the US/Mexico border region. The Center is primarily interested in investigators with research interests in diabetes and obesity. Successful candidates are expected to maintain independently funded research programs in obesity and diabetes or a related field. The positions will report to the Chair of the Department of Biomedical Sciences until such time as a Director of the Center of Excellence is identified.

Minimum qualifications: M.D./D.O./Ph.D. in a field related to diabetes/obesity research from an accredited institution of higher education. Minimum 3 years of postdoctoral experience, and a strong publication record.

Preferred qualifications: Candidates with experience in diabetes/obesity research and experience in using the latest technology preferred. Funded grant support in an area of basic, clinical, or translational research is preferred. Regional or emerging reputation in the area of diabetes and obesity research for consideration at the rank of Associate Professor. Interest in assisting with the development of a new Graduate School of Biomedical Sciences strongly preferred. Access to graduate students will depend on development of a successful training program, and we look to the candidates to participate in the development of the program. A willingness to start something new, and to help a new institution to grow and develop, is also a strongly desired characteristic. Good communication skills and demonstrated ability to work in a collegial environment are essential.

The Center will provide start-up funds. Interested candidates must apply online at http://jobs.texastech.edu, requisition #84742. A curriculum vitae, short write up of research interests and three references may be attached and sent to: Rajkumar Lakshmanaswamy, Ph.D., rajkumar.lakshmanaswamy@ttuhsc.edu, Interim Chair, Department of Biomedical Sciences. The position is open until filled. Application review will begin immediately.

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

Boston University
School of Medicine
Boston University School of Medicine welcomes applications for its departments below at ranks of Instructor, Assistant & Associate Professor, or Professor.

- Anatomy & Neurobiology
- Biochemistry
- Microbiology
- Physiology & Biophysics
- Pharmacology & Experimental Therapeutics
- Pathology

Email a cover letter specifying your department of interest with your CV to busmedan@bu.edu.

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From the journal Science
AAAS

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Institut national de la recherche scientifique (INRS) is a research-intensive university offering graduate-level training. One of Canada’s leading research universities in terms of grants per professor, INRS brings together some 150 professors and close to 700 students and post-doctoral fellows in its centers in Montreal, Quebec City, Laval, and Varennes. Conducting fundamental research essential to the advancement of science in Quebec as well as internationally, INRS research teams also play a critical role in developing concrete solutions to problems facing our society.

The Centre Énergie Matériaux Télécommunications of INRS is currently seeking a

**PROFESSOR-RESEARCHER**

**ULTRAFAST MATERIALS CHARACTERIZATION**

*(Tenure-track position – Research Chair – Tier II)*

The areas of expertise aimed at, but not limited to, are: time-resolved electron microscopy, electron microscopy, ultrafast electron diffraction, ultrafast characterization of materials, ultra-fast lasers and photonics and their applications in materials science for various areas such as, for example, biomedical and energy.

The candidate should be able to establish collaborations with research teams already in place, while developing or maintaining partnerships with groups outside the Centre. The ability to develop partnerships with companies is particularly valuable.

This position is incorporated within an environment where about forty professors-researchers undertake leading-edge research and training in diverse fields of sustainable energy, advanced materials, ultrafast photonics, telecommunication systems and nanobiotechnology.

The Centre hosts unique major research infrastructure including the Advanced Laser Light Source and the Laboratory of Micro and Nanofabrication, comprising the Infrastructure of Nanostructures and Femtoscience (http://lmn.emt.inrs.ca/EN/inf.htm).

This new position is intended to lead a recent major $15M addition, the Infrastructure for Advanced Imaging (IAI), which consists of a time-resolved electron microscope awarded by the Canada Foundation for Innovation (CFI) in the 2012 competition. This microscope will be unique worldwide.

**REQUIREMENTS:**

- Doctorate in a relevant discipline (physics, materials science, engineering, chemistry).
- An outstanding record of research accomplishments that will enable her/him to successfully develop a strong independent research program.
- The aptitude for teaching and supervising graduate students and other trainees.
- The ability to work in a multidisciplinary team and within research networks.
- The ability to collaborate with industrial partners.

We actively seek an outstanding candidate who is eligible to be nominated for a Tier II Canada Research Chair.

Potential sources of funding include the Natural Sciences and Engineering Research Council of Canada (NSERC) and the Fonds de recherche du Québec – Nature et technologies (FQRNT).

The Centre is located in Varennes, on the South Shore of Montreal.

The working language of INRS is French. Candidates whose native language is not French are encouraged to apply. The Centre will provide them with all the resources necessary to facilitate their learning of the French language.

Salary and benefits are in accordance with the current collective agreement at INRS.

Interested candidates should submit a full curriculum vitae by e-mail and registered mail, a statement of research interests (max. 3 pages), a statement of teaching philosophy, a copy of their three most representative publications, and the name and coordinates of three references, before **July 15th, 2013**, indicating competition number **DS 13-05** to:

Dr. Federico Rosei, Director, Centre Énergie Matériaux Télécommunications
1650, boul. Lionel-Boulet, Varennes (Québec) J3X 1S2
rosei@emt.inrs.ca

INRS is committed to equity in employment and diversity. INRS welcomes applications from indigenous people, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations. Priority is given to Canadian citizens and residents.

Currently, we plan to hold interviews at the end of August and/or beginning of September 2013.

**INRS**

Université d’avant-garde

WWW.INRS.CA
To Dr. Shirley Malcom, born and raised in the segregated South more than 65 years ago, a career based on her studies in science seemed even less likely than the launch of the Soviet’s Sputnik. But with Sputnik’s success, the Space Race officially started and, in an instant, brought a laser-like focus to science education and ways to deliver a proper response. Not long after, Dr. Malcom entered the picture.

Although black schools at the time received fewer dollars per student and did not have sufficient resources to maintain their labs at a level equivalent to the white schools, Dr. Malcom found her way to the University of Washington where she succeeded in obtaining a B.S. in spite of the difficulties of being an African American woman in the field of science. From there she went on to earn a Ph.D. in ecology from Penn State and held a faculty position at the University of North Carolina, Wilmington.

Dr. Malcom has served at the AAAS in multiple capacities, and is presently Head of the Directorate for Education and Human Resources Programs. Nominated by President Clinton to the National Science Board, she also held a position on his Committee of Advisors on Science and Technology. She is currently a member of the Caltech Board of Trustees, a Regent of Morgan State University, and co-chair of the Gender Advisory Board of the UN Commission on Science and Technology for Development. She has held numerous other positions of distinction and is the principal author of The Double Bind: The Price of Being a Minority Woman in Science.

Of her active career in science, Dr. Malcom says, “I guess I have become a poster child for taking one’s science background and using that in many other ways: we ask questions; we try to understand what we find; we consider what evidence we would need to confirm or refute hypotheses. And that happens in whatever setting one finds oneself.”

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Career advice | Job postings | Job Alerts | Career Forum | Crafting resumes/CVs | Preparing for interviews
**Faculty Positions in Emerging Infectious Diseases**

**– Principal Investigators (2 positions) –**

Duke-NUS Graduate Medical School Singapore (Duke-NUS) is a strategic collaboration between Duke University (US) and the National University of Singapore. Duke-NUS is unique in bringing post-baccalaureate, research-intensive medical education to Asia. The Program in Emerging Infectious Diseases (EID) led by Professor Lingfa Wang has the mission to conduct cutting-edge infectious diseases research that will enhance healthcare in Singapore and the region. The program has a strong core of researchers working on virus structure by cryo-EM, virus protein structure, virus-host interactions, pathogenesis mechanisms, innate immune response to viral infection, experimental therapeutics, antiviral clinical trials, epidemiology and pathogen discovery.

The EID Program is recruiting **TWO** principal scientists in any area of emerging infectious diseases. Scientists are encouraged to apply to fill tenure track faculty positions at the Assistant or Associate Professor level. The packages will include full salary and generous start-up for five years. Areas of current focus for the program include dengue, influenza, hepatitis and zoonotic diseases (www.duke-nus.edu.sg).

For further information, please contact the search committee co-chairs:
- **Professor Subhash Vasudevan** (subhash.vasudevan@duke-nus.edu.sg)
- **Professor Mariano Garcia-Blanco** (m.garciablanco@duke.edu)

Interested candidates should send a full application with CV and the names of three referees via email to: **eaidsearch@duke-nus.edu.sg** by 30th Jun 2013.

Transforming Medicine, Improving Lives

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**Director Position**

**Institute of Biological Chemistry**

**Academia Sinica, Taiwan**

Academia Sinica, Taiwan, invites applications and nominations for the position of Director of the Institute of Biological Chemistry (IBC). The initial appointment is for a period of three years (renewable for a second term) starting 15th August 2014. The director will also carry the title of Distinguished Research Fellow.

As the pre-eminent academic research institute in Taiwan, Academia Sinica is devoted to basic and applied research in mathematics and physical sciences, life sciences, and humanities and social sciences. IBC consists of 26 laboratories, focusing on two integrated research themes: structural basis of protein functions and drug design, and biochemical basis of post-translational regulation and cell signaling network. The institute is well funded and equipped with modern research facilities managed by experienced research specialists. It also maintains a high research standard with a high-quality publication record. For details about IBC, please see [http://www.bc.sinica.edu.tw/](http://www.bc.sinica.edu.tw/)

Interested candidates should have a PhD or equivalent degree, with outstanding research accomplishments and demonstrated leadership ability. Besides pursuing an internationally recognized research program at IBC, the successful candidate is also expected to provide intellectual leadership to the institute.

Applications and nominations, including a cover letter listing 3 to 5 names of references, and a complete curriculum vitae (prepared in English) with ten representative publications highlighted, should be sent to Ms. Cathy Wang, Institute of Biological Chemistry, Academia Sinica, 128 Academia Road, Section 2, Nankang, Taipei 115, Taiwan or by email to cathyw@gate.sinica.edu.tw before 1st September 2013. Screening of application/ nominations will begin immediately, and will continue until the position is filled.

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**ESPOD fellowships**

**Call for applications 2013**

The EMBL-EBI – Sanger Postdoctoral (ESPOD) Programme builds on the strong collaborative relationship between the two institutes, offering projects which combine experimental (wet lab) and computational approaches.

Select from pre-defined projects:
- Creating phenotype variation through epigenetics: DNA methylation variability in populations and individual cells
- Comparative genomic insights into parasite genome function
- Functional characterisation of Plasmodium kinase regulatory networks
- Genes, pathways, modules and organs that regulate bone mass

For further information on the ESPOD fellowships and how to apply please visit [www.ebi.ac.uk/research/postdocs/espods](http://www.ebi.ac.uk/research/postdocs/espods)

Closing date: 26 July 2013

[www.embl.org/jobs](http://www.embl.org/jobs)

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**Missouri Botanical Garden**

**Career opportunity with one of the top botanical gardens in the world**

**Senior Vice President, Science and Conservation**

**Summary of the position:** The Senior Vice President of Science and Conservation is responsible for providing Science leadership in support of the Garden across multiple domestic and international locations. Responsible for leading the definition, development, and implementation of the Garden’s scientific and conservation strategy and business plans to support the Garden’s strategic plan. This role ensures that science and conservation initiatives function proactively to support the organization to achieve its objectives. Leads, develops and motivates an effective and professional research team. The Senior Vice President promotes the Garden’s role in science and conservation to internal and external global audiences.

**Qualifications and/or Experience:**
- PhD Botany, Biology or related field required.
- Documented scientific record with a minimum of ten (10+) years scientific leadership experience and publication record.
- Demonstrated abilities in successful grant writing, fundraising, negotiating and managing budgets, and advanced understanding of financial operations.
- Minimum ten (10+) years relevant and increasingly responsible management responsibilities at an executive level, and with a proven track record in strategic business planning.
- Prior experience working in a non-profit or research and learning environment desired.

**Supervisory Responsibilities:** Directly and indirectly manages a team of 115 staff and scientific managers.

For more information, and to apply on-line please visit our website. Link to comprehensive posting: [http://www.mobot.org/jobs/mbjobs_mrlasp/M011](http://www.mobot.org/jobs/mbjobs_mrlasp/M011)

Missouri Botanical Garden Website: [http://www.mobot.org](http://www.mobot.org)

E-mail: [recruiting@mobot.org](mailto:recruiting@mobot.org)

The Missouri Botanical Garden is an Equal Opportunity/Affirmative Action Employer.
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
Professor & Director of Structural Biology
Advanced Science Research Center

The Advanced Science Research Center (ASRC) at the City University of New York seeks a dynamic and innovative scientist with demonstrated leadership and research accomplishments in structural biology to serve as Professor and Director of Structural Biology. The position will be a tenured or tenure-track faculty member and program administrator. The successful candidate will be expected to teach, oversee the structural biology program and lead researchers in collaborative projects and activities; attract external funding; and ensure compliance with federal research guidelines and University policies. Applicants must be accomplished and respected researchers in structural biology with a solid record of scholarly activities, and possess appropriate credentials for a senior faculty appointment at one of the CUNY colleges. Preference will be given to those whose research utilizes NMR spectroscopy and with experience in building and/or overseeing an NMR facility. There is also an opportunity to recruit new faculty into related areas in structural biology. Exceptional candidates may be appointed as a Distinguished and/or Einstein Professor.

The ASRC is a 200,000 sq. ft. science facility located at 85 St. Nicholas Terrace (close to 133rd Street) on the south campus of CUNY’s City College and adjacent to the New York Structural Biology Center. Construction of the ASRC is well underway and due for completion in 2014. The innovatively designed center is a University-wide science enterprise that builds on the strengths CUNY has developed in five distinct but interconnected disciplines, Nanoscience, Photonics, Structural Biology, Neuroscience and Environmental Sciences. The center will be the nucleus of an integrated research network and will provide core facilities for CUNY scientists with the goal of fostering interdisciplinary research. To learn more about the ASRC visit www.asrc.cuny.edu

Minimum Qualifications:
- Ph.D. degree in area(s) of experience or equivalent required
- Other Qualifications: - Ph.D. in structural biology or closely related biomedical or life science area required; Experience using NMR spectrometers and managing an NMR facility

To Apply: Go to the CUNY website at http://www.cuny.edu/employment.html to see the complete job posting and qualification requirements. Click on Search Job Listings under the Career Positions Available section of the page; then click Faculty under the Employment Opportunities section; then look for the Job Posting Title and Job ID #8026. Submit a letter of interest, current curriculum vitae, summary of research interests/expertise area, a teaching statement, and the contact information for at least three professional references as One Document in the Resume Field Application reviews begin May 13, 2013. Compensation is commensurate with qualifications and experience.

The City University of New York (CUNY) is an EO/AA Employer.

Professorships in the Sainsbury Laboratory

The Board of Electors invite applications for a Professorship in the Sainsbury Laboratory. In addition, the University hopes soon to be in a position to elect to a further Professorship, also to be based in the Sainsbury Laboratory.

Candidates for both posts will have an outstanding research record of international stature of relevance to plant developmental biology and the vision, leadership, experience and enthusiasm to build on current strengths in maintaining and developing a leading research presence. They will hold a PhD or equivalent postgraduate qualification.

Standard professorial duties include teaching and research, examining, supervision and administration. The Professor will be based in Cambridge. A competitive salary will be offered.

Further information is available at:
www.admin.cam.ac.uk/offices/academic/secretary/professorships/or contact the Academic Secretary, University Offices, The Old Schools, Cambridge, CB2 1TT, (email: ibise@admin.cam.ac.uk), to whom a letter of application should be sent, together with details of current and future research plans, a curriculum vitae, a publications list and form CHRIS/6 (parts 1 and 3 only) with details of two referees, so as to reach him no later than 20 June 2013.

Informal enquiries may be made to Professor Ottoline Leyser, Director of the Sainsbury Laboratory.

The University is committed to Equality of Opportunity.
POSTDOCTORAL POSITIONS—IMMUNOLOGISTS and a staff scientist or research associate in transgenic mice. Recent Ph.D. graduates in immunology (<three years postdoctoral experience) with a publication record to join a dynamic group of researchers in the laboratories of Drs. Yang Liu and Pan Zheng at Children’s National Medical Center, Washington, DC to study the metabolic and/or tumor immunology. A Research Associate or Staff Scientist will set up CRISPR/Cas-Mediated Genome Engineering and thus require independent skills in transgenic mice. Children’s National is an Equal Opportunity Employer and offers a competitive compensation and benefits package. To apply, please go to website: http://www.childrensnational.org and search for requisition positions 12123 or 12124 (postdoctoral fellows), 11086 (staff scientist) or 11961 (research associate).