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**Associate Editor**

*Science* and AAAS seek a talented scientist to serve as an Associate Editor for our new interdisciplinary journal, *Science Translational Medicine*.

This position is designed for an individual with broad interests, a lively curiosity, and experience with cutting-edge research in at least one, but preferably more than one, biomedical or clinical research field. To round out our editorial team, we would like our new Associate Editor to have expertise in immunology (vaccines and autoimmune disease especially welcome) or bioengineering (devices, tissue engineering and stem cells are areas of preference).

Responsibilities include, but are not limited to:

- Judge the scientific value of research;
- Foster relationships and communication with the scientific community through literature reviews, meetings and professional contacts;
- Manage the review, selection, and editing of submitted manuscripts;
- Select reviewers for submitted manuscripts;
- Discuss and make recommendations regarding manuscripts and reviews with other staff, advisers, authors;
- Write summaries of research results for publication;
- Guide authors on manuscript revisions;
- Edit the manuscripts for scientific content and style before and after revisions;
- Follow the manuscript through production process to ensure material is published in a timely manner; and
- Travel to scientific meetings.

The minimum qualifications to be competitive and considered for the position are:

- Mastery of a professional field typically acquired through completion of a doctoral degree in at least one biomedical or clinical research field;
- 3-5 years experience, including post-doctoral research experience and multiple publications;
- Ability to work constructively as a member of a team;
- Experience with cutting-edge research in one of the fields mentioned above;
- Comprehensive knowledge of scientific research methods in order to discuss technical issues with authors; and
- Exceptional written, communication, and listening skills in order to communicate with authors and reviewers in evaluating, editing and modifying manuscripts.

Previous editorial experience is not required.

If you would like to be a member of the AAAS team, please visit our Job Information website at [http://www.aaas.org/careercenter/employmenttataas/](http://www.aaas.org/careercenter/employmenttataas/) to get more information and to apply online today.

*AAAS is an Equal Opportunity Employer.*
The European Space Agency (ESA) is an intergovernmental organisation offering exceptional career opportunities for Europe’s highest calibre scientists, engineers and administrators. ESA has a clear mandate to promote cooperation among European States, for exclusively peaceful purposes, in Space Research and Technology.

The Agency is looking for an (m/f) Applied Physicist/Engineer for its Advanced Technology Section. As part of the Advanced Studies & Technology Preparation Division, based at ESTEC (Noordwijk, The Netherlands), this Section is responsible for developing technologies for future Science and Robotic Exploration missions.

Applicants should have a university degree or equivalent qualification in applied physics or engineering. This should be combined with several years’ post-graduate experience in technology development and space science mission design.

A solid background in one or more of the following areas is desirable: sensors including advanced detectors (such as CCDs, APSs, NIR-detector arrays); advanced optics technologies over a wide wavelength range; micro- and electro-optics; radiation physics; nuclear processes and power generation technologies; cryogenic instrumentation technologies.

Candidates are expected to have a proactive attitude to problem-solving, be innovative and creative in their approach and have excellent planning & organisational skills. They should be self-motivated, disciplined and be able to work and communicate effectively within a multinational team.

Our competitive employment conditions and salaries take into account the particular needs of professionals and their families.

For a complete job description and on-line application guidelines visit our “Careers at ESA” section at http://www.esa.int and choose vacancy number: ESA/VN-ESTEC(2010)035. The closing date for applications is 7 June 2010.
The Department of Biological Sciences at the School of Dental Medicine, Case Western Reserve University, invites applications for a tenure track Assistant/Associate Professor position.

The desired Assistant Professor applicant should be capable of establishing and maintaining an independent research program. The desired Associate Professor applicant should have a national/international reputation and a demonstrated track record of having established and maintained an independently funded research program. Applicants should be focused on (oral) epithelial cell immunology, with an emphasis in the area of cancer immunology and on translating the research into therapeutics.

The Faculty of the Department of Biological Sciences and other researchers of the School of Dental Medicine comprise a diverse group of individuals with expertise in several areas including innate and adaptive immunity, microbiology, signal transduction, genetics, epidemiology, pathology, biomaterials and imaging. We are actively seeking colleagues with complementary expertise in protein chemistry, cancer biology and epithelial cell biology. Desirable candidates will employ new technologies, such as proteomics, imaging, genomics, cell biology/signaling, biomarkers, cellular therapeutics and/or drug development in their ongoing work.

Opportunities exist for collaborations with investigators within the School of Dental Medicine, with faculty of the Schools of Medicine, Engineering (bioengineering and nanotechnology) and Arts and Sciences (Biology), the Center for AIDS Research, the Comprehensive Cancer Research Center, the Skin Diseases Research Center, the Center for Proteomics and Bioinformatics, the Lerner Research Center of the Cleveland Clinic and other affiliated institutions. The successful candidate will be expected to contribute to the teaching mission of the department including instruction in the graduate and DMD curricula.

Appropriate candidates will have obtained a DDS, DMD, MD, PhD, or a combination thereof. Please submit your curriculum vitae, a statement describing your research plans, copies of three publications and the names of three references to:

Dr. Aaron Weinberg  
Chair, Department of Biological Sciences  
Associate Dean for Research  
School of Dental Medicine  
Case Western Reserve University  
10900 Euclid Avenue, Cleveland, OH 44106-4905  
Phone: 216-368-6729  
Email: aaron.weinberg@case.edu

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Assistant or Associate Professors  
Host-Pathogen Interactions in Infectious Disease  
Department of Microbiology and Immunology,  
University of North Dakota School of Medicine  
and Health Sciences

The School of Medicine and Health Sciences at the University of North Dakota is beginning a process of expanding the research enterprise with an expected 8 to 10 faculty positions to be filled in the next few years. Projected research focus areas include neurosciences, cancer and the environment, health disparities, eating disorders, aging, and infectious diseases. Faculty positions are available immediately in the Department of Microbiology and Immunology for two individuals investigating molecular and/or cellular aspects of immunological processes; bacterial or viral pathogenesis; or cellular microbiology.

Applicants must have a PhD., M.D., D.V.M. or equivalent degree in immunological, microbiological or related biomedical sciences, at least two years of postdoctoral research experience, a history of high quality peer reviewed publications, and an aptitude and willingness to participate in medical and graduate education.

Applicants must have a research project or plan that complements current research interests at the University of North Dakota in pathogenesis/immunopathogenesis of microbial infections, though specific collaborations need not be identified. In addition, applicants for the position of Associate Professor must have a successful, independent and ongoing research project.

The University is committed to achieving diversity among faculty and staff, and strongly encourages women and members of underrepresented groups to apply. Interested individuals should submit their curriculum vitae, names of three references, and a summary of accomplishments and research plans to:  
Ann Flower, Ph.D., Search Committee Chair, Department of Microbiology and Immunology, University of North Dakota School of Medicine and Health Sciences, Grand Forks, ND 58203-9037. Address email inquiries to basic.science.search@medicine.nodak.edu. Information about the School and Department can be found at: http://www.med.und.nodak.edu/depts/micro.

The University of North Dakota is an Affirmative Action/Equal Employment Opportunity Employer. These positions are subject to a criminal background check.

The University of North Dakota School of Medicine and Health Sciences at the University of North Dakota is an Affirmative Action/Equal Employment Opportunity Employer. These positions are subject to a criminal background check.

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CSI Singapore, National University of Singapore, is a state-of-the-art research center with a multifaceted and coordinated approach to cancer research, extending from basic cancer studies all the way to experimental therapeutics. The focus of the institute is on cancers endemic to Asian populations such as gastric, liver, lung, leukemia and breast cancers. The institute houses a full spectrum of research and clinical translational facilities. This major center is led by a team of world-class scientists with significant government funding from Singapore’s National Research Foundation and Ministry of Education.

We are seeking individuals with exceptional scientific credentials to join a vibrant, dynamic team at CSI Singapore.

**Principal Investigators**

Qualified candidates at Professor, Associate Professor and Assistant Professor levels should be at the cutting edge of their field with an established record of excellence in cancer research. Candidates should have the capability and experience of leading high-level, innovative research programs resulting in international quality publications. Successful candidates can look forward to stable funding for up to 5 years commensurate with their abilities, ample laboratory space and resources, a competitive salary package and a dynamic working environment. Candidates with research emphasis in gastric, liver and lung cancers will be strongly considered.

**Post-Doctoral Fellows**

Post-Doctoral Fellow candidates should be highly motivated, creative individuals with an outstanding PhD degree in a related discipline. Successful candidates can look forward to working with top cancer researchers in an internationally represented environment.

Interested candidates should send their CV and names of three referees to:

**Professor Daniel G. Tenen**
Director, Cancer Science Institute of Singapore (CSI Singapore), NUS
Email: csi_careers@nus.edu.sg

Please indicate the position you are applying for in the subject title.

Visit our website at www.csi.nus.edu.sg

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**Lab Director and Division Directors, Dalian National Laboratory for Clean Energy**

Dalian National Laboratory for Clean Energy (DNL), based mainly on Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS), is looking for outstanding candidates for DNL Director and division directors. The divisions are optimized utilization of fossil energy, low carbon catalysis & engineering, energy saving & energy environment, fuel cell & energy storage, hydrogen energy, biomass energy, solar energy, maritime renewable energy and basic & strategic studies on energy. More details about DICP and DNL can be found at [http://www.dicp.ac.cn](http://www.dicp.ac.cn).

The DNL director is responsible for the overall management of the DNL laboratory. He/she provides leadership and direction to DNL, which supports research and education in all divisions and related fields. The division director assesses needs and trends in research in individual division, implements overall strategic planning and policy-setting for division activities.

Successful candidates for these positions should have Ph.D. degree or equivalent experience; a minimum of 10 years experience in energy related researches; substantial research contributions and strong evidence of scholarship as evidenced in publications; proven experience demonstrating innovative leadership in research administration; demonstrated knowledge of the research activities and issues associated with the academic community; knowledge of grant and contract administration, fiscal management, and budget preparation with experience in scientific research support. DNL offers a highly competitive salary, excellent benefits and a generous scientific research fund.

Applicants may send a complete CV with a full publication list to Dr. Hu’an Zhang (zhangha@dicp.ac.cn) or Prof. Can Li (canli@dicp.ac.cn), or mailed or delivered to the following address: Dalian Institute of Chemical Physics, 457 Zhongshan Road, 116023, Dalian, China.

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**The University of Texas at Austin**

**Crystallography Core Facility Manager**

The Institute for Cellular and Molecular Biology

The University of Texas has recently created a Macromolecular Crystallography Core Facility. This lab will join a list of core facilities administered by the Institute of Cellular and Molecular Biology. The new facility will provide a range of services to research groups across campus. These include crystallization robots for high throughput crystal screening and state of the art X-ray diffraction data collection.

We are seeking applicants for a PhD level Manager of the facility. The applicant must have experience with crystallization methods, data collection and analysis, as well as methods of phasing and structure solution. The Manager will be responsible for scheduling users, and assisting researchers, with a range of skills, who are interested in pursuing structural problems and their solutions. In addition, the Manager may carry out crystallographic projects on a contract basis and will be encouraged to pursue an appropriate level of independent research.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and livable cities.

Candidates should submit a current curriculum vitae and a summary of research experience and future goals, together with at least three letters of recommendation. To assure full consideration applications should be received by June 30, 2010. Material should be sent to:

**Dr. Jon Robertus**
Chair of the Search Committee
Department of Chemistry and Biochemistry
The University of Texas at Austin
Austin TX 78712

[Homepages](http://www.icmb.utexas.edu) • [http://www.cm.utexas.edu](http://www.cm.utexas.edu) • [http://www.itd.utexas.edu/index.php](http://www.itd.utexas.edu/index.php)

The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply; a background check will be conducted on applicant selected.
Showcasing your talent is our forte. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and platform for accessing the latest and most relevant career information across the globe.

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ScienceCareers.org
The Swedish Foundation for Strategic Research has awarded a major grant for a 5-year program to study how the mucus layers of colon protect the epithelial cells from bacterial contact and how bacteria live in the outer mucus layer and affect the host. This program aims at novel anti-microbial targets and treatment for colitis. The program is headed by Prof. Gunnar C. Hansson responsible for the mucus and mucin aspects together with Dr Fredrik Bäckhed responsible for bacteria and germ-free mice and Prof. Henrik Sjövall responsible for clinical and physiological aspects. Key references are: Proc. Natl. Acad. Sci. USA (2008) 105, 15064-69 and Proc. Natl. Acad. Sci. U S A (2007) 104, 979-84.

We are currently recruiting several Post-doctoral Fellows for this program. The positions are fulltime for 2 years within the Department of Medical Biochemistry at the Institute of Biomedicine of the Sahlgrenska Academy at the University of Gothenburg. The laboratories are using English for their communication and good knowledge of spoken and written English is absolutely required. Experience from international research is an advantage.

Position 1. (Ref: E 36 1737/10) The local mucus-associated microbiota and its selection and effect. The gut microbiota promotes several important diseases such as inflammatory bowel disease as well as host metabolic effects as obesity and insulin resistance. The role of host factors that shape the gut microbiota, especially at microhabitats such as the colonic mucus layer is poorly understood. In this project we will establish 454-based metagenomics to determine the composition and functional capacity of the gut microbiota. Requirements: PhD in relevant subject area as microbiology, bacterial genetics, whole genome sequencing, metagenomics and biostatistics.

Position 2. (Ref: E 36 1738/10) The bacterial and host proteome of the colon mucus. The intestinal bacteria have a large number of genes that will exceed the host. The proteins produced by the bacteria once they live on the colon mucus will be characterized by state of the art mass spectrometry using our dedicated Oribtrap mass spectrometer. The project will also include studies of host proteins important for maintaining a functional mucus layer. Specifically colonized germ-free mice will be an important resource for this project. Requirements: PhD in relevant subject area as proteomics and mass spectrometry, database generation, proteomics, bioinformatics and statistics.

Position 3. (Ref: E 36 1739/10) The formation of the colon mucus layers and the role of ion channels and other host factors. The importance of the colon mucus layers for protecting the colon epithelium has been revealed by us. We are now elucidating host factors that control the properties of the mucus layers and this position is part of this effort. The applicant will use knock-out mice models for physiological and biochemical studies of how the mucus layers are formed. Requirements: PhD in relevant subject area as live animal and explant culture systems as well as biochemical and cell biological methods.

APPLICATION: The application shall be written in English and include: a CV and bibliography, a copy of the PhD certificate (or proof of completed PhD), a short description of current and previous research (max 3 pages), a personal letter stating visions and plans for the future, and names and addresses (including e-mail addresses) of three scientists that can provide references.

Send your application together with examination certificate to: Registrar, Sahlgrenska Academy, Box 400, SE-405 30 Gothenburg, Sweden or by email: registrar@sahlgrenska.gu.se and gunnar.hansson@medkem.gu.se. The final date to reach the Registrar is June 14, 2010. Mark the application with the ref number for the position applied for.

INFORMATION ON THE POSITIONS: www.medkem.gu.se/mucinbiology/ or contact: Prof. Gunnar C. Hansson (gunnar.hansson@medkem.gu.se) for all positions, Fredrik Bäckhed (fredrik.backhed@wlab.gu.se) for position 1, or Henrik Sjövall (henrik.sjovall@medfak.gu.se) for position 3.
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King Abdullah University of Science and Technology (KAUST), located in Saudi Arabia, is an international graduate-level research university dedicated to advancing science and technology through bold and collaborative research and to addressing challenges of regional and global significance, thereby serving the Kingdom, the region and the world. KAUST faculty are engaged in such globally significant areas as Energy, Water, and Food. In addition, KAUST emphasizes research on the Environment and Red Sea, and the discipline of Computational Science serves as an enabling technology for all its research activities.

KAUST is located on the Red Sea in Thuwal (80 km north of Jeddah). Newly opened in September 2009, KAUST is an independent merit-based university which welcomes exceptional researchers, faculty and students from around the world. KAUST offers attractive salaries and a wide range of benefits. Further information about KAUST can be found at http://www.kaust.edu.sa

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Chief Scientist to lead a new laboratory in Nuclear Physics, RIKEN, Japan

RIKEN invites applications for a Chief Scientist (Laboratory Director) to lead a new laboratory in experimental nuclear physics using the RI-Beam Factory (RIBF) of RIKEN Nishina Center.

The present position is a permanent appointment, subject to RIKEN's mandatory retirement age of 60. RIKEN expects that the successful candidate will be able to take up this position on April 1, 2011.

Applicants should send a full curriculum vitae and photograph; one copy each of five key publications; a statement (about five pages of A4-sized paper) explaining former research experience and research plans at RIBF; and; the names and addresses of three referees who might provide reference letters to Dr. Osamu Kamigaito, Head of the Chief Scientist Nominating Committee, RIKEN Nishina Center, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan (Tel: +81-48-467-4896, e-mail:kamigaito@riken.jp)

Closing date: 17 September 2010

For more information, please visit:
http://www.riken.jp/engn/r-world/info/recruit/k100917_e_rnc.html

RIKEN invites applications for a Chief Scientist (Laboratory Director) to lead a new laboratory in experimental nuclear physics using the RI-Beam Factory (RIBF) of RIKEN Nishina Center.

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Closing date: 17 September 2010

For more information, please visit:
http://www.riken.jp/engn/r-world/info/recruit/k100917_e_rnc.html

Faculty Position:
Thoracic Medical Oncologist

The Moffitt Cancer Center is seeking a Medical Oncologist at the Assistant / Associate Member level for its Department of Thoracic Oncology. The candidate must have an MD or MD/PhD and be Florida medical licensed or eligible, with primary interests in developing a laboratory-based translational research program in lung cancer, and demonstrated interest in clinical activities. Emphasis on treatment of lung cancer and other thoracic malignancies is desired. Candidates must be ABIM Board certified or eligible in Medical Oncology or Hematology.

The Moffitt Cancer Center is affiliated with the University of South Florida. Primary and secondary University appointments are available, as applicable. Academic rank is commensurate with education and scholarly experience.

The Moffitt Cancer Center & Research Institute, an NCI-designated Comprehensive Cancer Center, is comprised of a large new ambulatory care facility, a 206-bed hospital, with a 36-bed blood and marrow transplant program, 14 state of the art operating suites, a 30-bed intensive care unit, a high volume screening program, and modern basic science research space.

For inquiries about the position, contact Dr. Scott Antonia, Chair, Department of Thoracic Oncology, at 813-745-3883.

To formally apply, visit our website moffittcareers.org and refer to requisition number 4611.

Moffitt Cancer Center provides a tobacco-free work environment. It is an Equal Opportunity, Affirmative Action employer and a drug-free workplace.
Magnifying your opportunities is our main focus. We’re your source for connecting with the industry’s top employers. We’re the experts and primary tool for accessing the latest and most relevant career information across the globe.

Our newly designed website offers improved features that help you magnify career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers will broaden your scope for a brighter future.

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**Job Search Functionality:**
- Save and Sort Jobs
- Track Your Activity
- Search by Geography
- Enhanced Job Sorting

Your Future Awaits.
International Postdoctoral Cancer Research Fellowship

The Koch Institute for Integrative Cancer Research at MIT (KI) has established the Mazumdar-Shaw International Oncology Fellows Program. This high-impact, bilateral collaboration with India seeks to help develop a new generation of cancer researchers in India whose careers and professional networks will be increasingly global, and to build India’s position as an intellectual hub for oncology research. The program offers opportunities for postdoctoral scientists, engineers, and physicians with a passion to tackle India-centric oncology problems. Fellows will work at the interfaces between biology/medicine and the diverse fields of mathematics, engineering, computer science, physical and chemical sciences.

The Program provides funding for:
- A two year full-time postdoctoral research fellowship within the KI
- Travel expenses to India for the researcher and a KI faculty advisor to share their research with colleagues at the Fellow’s Indian host institution and peer institutions in India.

The Fellowship is awarded with the firm expectation that Fellows will continue research in India for a third year, for which funding must be secured from your host institution.

The applicant must be either an Indian national, or a non-Indian national who has a relevant degree from a university in India or has worked in an Indian university, hospital or institution for at least a continuous three-year period. The applicant should either be about to submit his/her doctoral thesis or have up to, but no more than, three years postdoctoral experience from date of his/her PhD or MD to the application deadline.

This is an annual competition. The application deadline is September 1, 2010. The start date for the two-year Fellowship term is January 3, 2011.

For qualifications and an application visit: http://web.mit.edu/ki/news/grants/mazumdarshaw.html

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NC STATE UNIVERSITY

Seeking up to Three Tenure Track Faculty Positions

Closing Date: August 1, 2010

The Plants for Human Health Institute (PHHI) is one arm of an integrated research team being formed at the newly founded North Carolina Research Campus (NCRC) in Kannapolis, NC. (http://www.ncresearchcampus.net). PHHI will integrate research in metabolomics, biochemistry, pharmacogenomics, breeding, molecular biology, postharvest attributes, and phytochemistry towards development of fruit and vegetable produce with pharmacologically relevant levels of health-protective phytochemical complexes.

The ultimate goal is to develop and characterize existing as well as new candidate crops with unique merit for human health and wellness.

Currently we are inviting applications for faculty with research in the following areas:

**Plant Metabolic Pathway Engineering.** Research focus will be on plant metabolic engineering for biologically active edible food crops, with emphasis on elucidation of novel biosynthetic pathways and regulatory factors, and manipulation of metabolic pathways especially for secondary metabolites.

**Pharmacogenomics of Plant Products.** A multifaceted research approach involving quantitative global RNA measurements, protein abundance, and metabolic activity will elucidate the mechanisms by which bioactive plant components provoke changes in mammalian gene expression.

**Systems biologist.** An interactive systems biology approach will be used to build and test predictive models of complex processes that impact on the health-related metabolites from plants.

Faculty appointments may be at the Assistant Professor level or above. Ph.D. required in specified or related field. To apply, visit http://jobs.ncsu.edu under Job number 1980. For additional questions, please call 704-250-5401.

AA/EOE. In addition NCSU welcomes all candidates regardless of sexual orientation.

AWARDS

Canadian Young Investigator Award

The recipient of the 2010 Boehringer Ingelheim Canadian Young Investigator Award in Biological Sciences is:

Brian K. Coombes, Ph.D.
Department of Biochemistry and Biomedical Sciences
Michael DeGroote Institute for Infectious Disease Research
McMaster University
coombes@mcmaster.ca

Dr. Coombes’ research addresses the molecular and genetic mechanisms of bacterial pathogenesis, and is focused around two long-term interdependent programs; one on host-pathogen evolution, including the mechanisms of genome architecture, regulation, host selection and immunity, and a second on fundamental mechanisms of bacterial secretion systems, which are widespread colonization factors in the bacterial world and a key virulence trait in many pathogens.

The R&D division of Boehringer Ingelheim Canada Ltd. is one of Canada’s largest pharmaceutical research centres. One of our important corporate policies is to support and encourage basic research in Canadian universities.

To this end, we have established the Boehringer Ingelheim Young Investigator Award in Biological Sciences. The award is made annually to a new faculty member conducting biological research in a Canadian university, and consists of an unrestricted three-year research grant.

Previous recipients

2009 Dr. Anthony Gramolini, University of Toronto
2008 Dr. Marie Kmita, Université de Montréal
2007 Dr. Zhong-Ping Feng, Department of Physiology, University of Toronto
2006 Dr. Hao Ding, Dept. of Biochemistry and Medical Genetics, University of Manitoba
The Centre for Chemical Biology at Universiti Sains Malaysia (CCB at USM) is a newly established international research centre focused on fundamental research within the thematic areas of (1) molecular bioengineering and synthetic biology, (2) natural product-based drug discovery, and (3) structural and computational biology. We aim at understanding biological systems and inspiring genome-based discoveries that provide economic and social benefits to the bottom of the global pyramid. We have created a rich transdisciplinary research culture by partnering with some of the best academic and corporate institutions in the world.

We use a bottom-up approach for developing our research programs, placing emphasis on the dreams of the individual researchers and allowing them to use their passion and creativity to drive the science and make discoveries. Our current research programs encompass virology, extremophile, genomics, signal transduction, herbal-based medicine, biomarker discovery, and structural biology.

CCB at USM is located in the Science and Arts Innovation Space (SAINS at USM), a research and development integrated community being built in the heart of Penang, Malaysia. CCB at USM has state-of-the-art facilities supporting over 30 graduate students, postdoctoral researchers, faculty, and administrative staff. The significant resources available, including X-ray crystallography, cell and chromosome sorting, DNA sequencing, high-throughput protein purification, immersive 3-D visualization, and high-performance computing, are expected to expand our facilities and capabilities over the next several years.

We are seeking highly qualified Postdoctoral Fellows to join our team. Applicants should be talented and passionate individuals who thrive in a dynamic, fast-paced, and team-oriented environment. We offer competitive salary and startup packages in accordance with U.S. postdoctoral standards. Positions are available in the following areas: plant functional genomics, bioinformatics, flow cytometry, X-ray crystallography, extremophile, and microbial signal transduction.

For more information about CCB at USM, as well as complete job descriptions and information on how to apply, visit website: http://www.ccbusm.com. All inquiries should be electronically sent to Dr. Jennifer Saito, e-mail: ccbusmapplications@gmail.com.

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**HEALTH ECONOMIST (TENURE-TRACK ASSISTANT/ASSOCIATE/ FULL PROFESSOR)**
Center for Climate and Translational Science
The University of Vermont

The University of Vermont is recruiting for a Health Economist to serve in a tenure-track faculty position with the Center for Clinical and Translational Science. The qualified candidate will have an advanced degree in economics or a related field with expertise in economic analysis and evaluation of medical, health care, public health, and health policy innovations, including cost-effectiveness analysis. Preferred candidates will have experience in utilization of large, integrated databases for research purposes; experience with federally funded research; a track record of scholarly publications; and the expectation of continuing to publish in scholarly publications. The dual appointment will be made at the appropriate professional level in the Center for Clinical and Translational Science and in the College of Medicine. Applications will be accepted until the position is filled; however, we strongly encourage applications before January 1, 2010. Applicants should send a copy of their curriculum vitae and a letter outlining their interests to: Brian Flynn, Sc.D., Chair of the Search Committee, Center for Clinical and Translational Science, 89 Beaumont Avenue, Burlington, VT 05401. They should apply at website: http://www.uvmjobs.com. Applications are encouraged from women and individuals of diverse racial, ethnic, and cultural backgrounds.

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**ASSISTANT PROFESSOR #1017**
University of Wyoming
College of Health Sciences
School of Pharmacy

The School of Pharmacy at the University of Wyoming invites applications for a nine-month, tenure-track Assistant Professor position in the Division of Pharmaceutical Sciences. The successful candidate will be expected to establish and maintain an extramurally funded research program that matches with or complements ongoing research in the Division. Preference will be given to applicants who have a background in pharmacy and the field of pharmacometrics, and have experience teaching biopharmaceutics and pharmacokinetics courses. The successful applicant will also be expected to teach courses in pharmacokinetics, pharmacometrics, and pharmacokinetics, advise professional pharmacy and graduate students, and provide service to the university, college, school and the broader professional community. Required qualifications include a Ph.D. or equivalent in pharmacometrics, pharmacokinetics, or related biomedical fields, postdoctoral experience, demonstrated research accomplishments, and classroom teaching experience. Salary and startup package will be competitive and commensurate with professional education, experience, and demonstrated abilities. Interested candidates should submit a statement of research interests and objectives, a statement of teaching philosophy, vita, representative publications and three letters of recommendation to: Dr. Bruce Culver, Search Committee Chair, University of Wyoming, School of Pharmacy, Department 3375, 1000 E. University Avenue, Laramie, WY 82071. Review of applications will begin June 4, 2010, and continue until a suitable candidate is identified.

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**POSITIONS OPEN**

**A POSTDOCTORAL POSITION** is available for a Ph.D. scientist to study regulated proteolysis in the Ras signal transduction using human-mouse-Drosophila models. Highly motivated, hardworking, productive, and energetic candidates are sought after. Successful applicants must have one or two first-author publications. Please send curriculum vitae, research statement, reprints, and the names of three references to: Amy Tang, Ph.D., Eastern Virginia Medical School, Department of Microbiology and Molecular Cell Biology, Norfolk, VA 23507. Telephone: 757-446-5664; e-mail: tangah@evms.edu; website: http://www.evms.edu/evms-dept-of-microbiology/amy-tang.html. Salary and benefits are paid on the 2010 NIH scale.

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**POSTDOCTORAL FELLOWS Positions**

The Advanced Research Projects Agency-Energy (ARPA-E) is an agency of the Department of Energy designed to catalyze and foster rapid innovation in new and/or disruptive energy technologies that offer the potential to transform the nation’s energy landscape. The agency supports early- to mid-stage, high-risk/high-reward R&D with the goal of ensuring America’s energy security, creating new markets and industries, improving efficiency across all energy sectors, ensuring America’s technological lead, and attracting a new generation of scientists and engineers to energy research.

Now one year old, ARPA-E is growing rapidly and seeking multiple scientists and engineers for several job categories.

**PROGRAM DIRECTORS** are responsible for the creation and management of technical programs. Working with the broader science and engineering community, Program Directors develop cutting-edge, high-impact technical programs in new and/or underserved areas of energy science and technology, solicit applications from the science and engineering communities, select individual projects, and work with performers to ensure success of the program as a whole. Prospective Program Directors need to be imaginative, cross-cutting, and entrepreneurial, with a minimum of five years of experience beyond the doctoral degree in science or engineering, a track-record of excellence and active research engagement in a relevant area of science or engineering, deep technical knowledge in a relevant field, and a demonstrable ability to be intellectually flexible and expand beyond the boundaries of their discipline. Program Directors are hired for a defined period, typically three years with the possibility of one renewal.

**ARPA-E FELLOWS** assist the agency in developing new program areas. They are a nimble, versatile think-tank for ARPA-E, producing deep, thoughtful technical analysis of areas that could lead to new ARPA-E programs. ARPA-E Fellows must have completed a doctoral degree in science or engineering. They must have a deep interest in energy science and technology, but need not have experience in energy R&D. ARPA-E Fellows may come from any career stage from recent Ph.D. graduates to faculty on sabatical to retired scientists and engineers, and may come from a range of sectors, including academia, industry, and government laboratories. ARPA-E Fellows spend a maximum of two years at ARPA-E before they are expected to venture forth and become the energy leaders of tomorrow.

Interested applicants should apply by submitting a cover letter, resume, and a brief preliminary description of a new ARPA-E program concept that they would propose. Submissions should be electronically sent to e-mail: arpa-e-jobs@hq.doc.gov. ARPA-E will contact candidates of interest for an initial interview. For more information visit website: http://arpa-e-energy.gov/.