The Royal Ontario Museum (ROM) is Canada’s pre-eminent international museum and houses some of Canada’s most important collections in both Natural History and World Cultures. The Department houses Canada’s largest mineral and gem collections, an important meteorite collection, and a comprehensive petrology collection.

Mineralogist
Natural History Department

The ROM invites applications from world-class scholars for the position of the Teck Chair in Mineralogy, to conduct field and collections-related research, and the strategic acquisition of new specimens, and to present these holdings through future exhibitions, gallery rotations and public programming. The Teck Endowed Chair in Mineralogy was established in 2007 thanks to the generous support of Teck Resources Limited. As a leading contributor to the new, public-facing Centre of Discovery for Earth and Space, the successful candidate will have demonstrated skills in transfer of scientific concepts and information in a manner that engages visitors to the museum and the general public, on site and on-line.

The successful applicant will be expected to: provide dynamic leadership for the Earth Sciences staff; develop a program of externally funded scholarly research and publications; curate and continue building the disciplinary collection of minerals; and have demonstrated ability and interest in the development and rotation of new permanent galleries and major exhibitions, traveling exhibits, science education, and public engagement.

Applicants must have a Ph.D. in mineralogy, and be well versed in the geological sciences; have a record of scholarly publication in peer-reviewed journals; be qualified for cross-appointment to the University of Toronto; and be eligible for NSERC funding in support of research (i.e., a proven record of successful grant applications). Experience in a museum or equivalent environment is preferable.

Salary and years in rank are commensurate with experience, as stipulated in the Collective Agreement between the ROM and ROM Curatorial Association.

Applications will be accepted until 5:00 p.m., March 29, 2013. Applicants should provide a curriculum vitae, a summary of their research, and an outline of their proposed program of research, and arrange to have three confidential letters of recommendation sent on their behalf, to: Mara Gunner, Human Resources Coordinator, Human Resources Department, Royal Ontario Museum, 100 Queen’s Park, Toronto, Ontario, Canada, M5S 2C6. Fax: 416-586-5827. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

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The Helmholtz Association of German Research Centres is seeking excellent junior scientists and engineers as

**LEADERS FOR**
**20 HELMHOLTZ YOUNG INVESTIGATORS GROUPS**
in six Research Fields:
Energy / Earth and Environment / Health / Key Technologies / Structure of Matter / Aeronautics, Space and Transport

The Helmholtz Association is Germany’s largest organisation for scientific research and development. The 18 Research Centres united in the Association have a staff of more than 33,000 and an annual budget of about € 3.4 billion. They perform top-rate research in strategic programmes and thus contribute to solving grand challenges which face society, science and industry.

The Association’s potential for realising these ambitious objectives lies in the excellence of its personnel, its world-class large-scale facilities and excellent scientific infrastructure and its experience in researching systems of great complexity. The Young Investigators Groups will promote and further strengthen collaborations between the Helmholtz Centres and universities.

**ELIGIBILITY:** Scientists 2 to max. 6 years after receiving their doctorate who have substantial international research experience and have achieved a superior record of accomplishment during their doctoral and postdoctoral research.

**DURATION:** 5-6 years with a peer evaluation.

**PERPECTIVE:** € 250,000 funding p.a.; permanent employment, if evaluation attests excellence of group leaders (tenure track).

**APPLICATION:**
STEP 1: Candidates contact the Helmholtz Centre of their choice with a CV, publication list and a letter of intent.
STEP 2: The formal applications must be submitted by the chairman of the executive board of the Centre.

For further details and application information:
www.helmholtz.de/yig

**DEADLINES:**
For applicants: 25 March 2013
For Helmholtz Centres: 17 May 2013

The Helmholtz Association is an equal opportunity employer and is committed to increasing the percentage of women in group leader positions.

**CONTACT:**
caroline.krueger@helmholtz.de
ENABLING EXCEPTIONAL SCIENTISTS

International call for applications for two remarkable grant awards within the areas of biomedicine and biotechnology

Novo Nordisk Foundation Laureate Research Grants are for leading scientists to come to Denmark to build their visionary research programs.

Grant funding
- Up to 40 million Danish kroner over 7 years (EUR ~5.4 million, USD ~7.2 million)
- NNF Laureate Grant holders can apply for continued funding, up to DKK 35 million over 7 additional years

Application deadline
April 18, 2013

Further information
To learn more about these grants, eligibility and the application process, please visit www.novonordiskfonden.dk/en

novo nordiskfonden

Max Planck Institute for the Physics of Complex Systems
Center for Systems Biology at Dresden
Max Planck Institute of Molecular Cell Biology and Genetics

The Center for Systems Biology at Dresden (CSBD) in Germany announces the opening of positions in the

ELBE Postdoctoral Program

We seek strong candidates, with backgrounds in Cell or Developmental Biology, Computational Biology, Theoretical Physics, Biophysics, Bioinformatics, or Computer Science with a strong interest into working in a cross-disciplinary environment.

The Center provides a vibrant and collaborative research environment with a strong commitment to the interdisciplinary training and career development of postdoctoral fellows. Successful candidates will benefit from close collaborations with scientists from the Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG), the Max Planck Institute of the Physics of Complex Systems (MPI-PKS) and the Technical University Dresden.

ELBE Postdocs are awarded on a competitive basis through the postdoctoral program of the Center. To foster collaborations, fellows will usually be affiliated with two Principal Investigators working in different disciplines. For details about the application procedure, please visit our website http://www.mpg-sysbio.de/jobs.html.

The Max Planck Society is an equal opportunity employer; handicapped individuals are strongly encouraged to apply. The Center for Systems Biology, the MPI-CBG and the MPI-PKS aim to increase the number of women in scientific positions. Female candidates are therefore particularly welcome.

DUKE NUS
GRADUATE MEDICAL SCHOOL SINGAPORE

Director
Program in Neuroscience and Behavioral Disorders
Duke-NUS Graduate Medical School Singapore

Duke-NUS Graduate Medical School Singapore (Duke-NUS) seeks an outstanding neuroscientist (MD, PhD, or MD/PhD) with strong leadership skills to be the next Director of the Program in Neuroscience and Behavioral Disorders. Duke-NUS is a joint venture between two leading universities: the National University of Singapore and Duke University. The Program in Neuroscience and Behavioral Disorders, established in 2007, has an outstanding faculty with expertise in areas including cognitive neuroscience, developmental neuroscience and the study of synaptic circuitry, with strong translational programs in psychiatric disorders and neurodegeneration. The Program has its home in a state-of-the-art facility adjacent to Singapore General Hospital, and maintains strong basic, translational and clinical research partnerships throughout Singapore, particularly with the National Neuroscience Institute.

The Program Director provides leadership to the program, including engagement with the broader community in Singapore and with Duke University; strategic hiring and program development; medical school and graduate education; faculty mentoring; and budgetary and space planning. The School will provide the new Director with the resources to support the highest level of research.

Confidential inquiries, nominations, referrals, and resumes with cover letters should be directed, by May 1, 2013, to:
David Virshup, MD
Chair, Search Committee on Neuroscience and Behavioral Disorders
Duke-NUS Graduate Medical School, Singapore
Email: director.nbd@duke-nus.edu.sg

More information on the program is at www.duke-nus.edu.sg

ScienceCareers.org is the forum that answers questions.

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Science Careers Forum:
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- Timely Advice and Answers
- Community, Connections, and More!

Visit the forum and join the conversation today!
Faculty Appointments for a New Initiative

The University of Chicago Institute for Molecular Engineering, with the Institute for Genomics and Systems Biology, invites applications for faculty positions at all ranks. Areas of interest include, but are not limited to:

- synthetic and systems biology
- multi-scale modeling and prediction
- bioengineering
- bioinformatics
- imaging, genomics
- regenerative medicine
- medical diagnostics and therapeutics

While appointment at any level is possible, we particularly invite applications for tenure-track appointment at the Assistant and Associate Professor ranks. The appointment will be in the Institute for Molecular Engineering with membership in the Institute for Genomics and Systems Biology. Candidates must have a doctoral degree in a relevant field of study and have an outstanding research record. The successful candidate will be expected to establish and maintain a strong research program and to teach at the graduate level.

Interested applicants must apply online by uploading curriculum vitae, cover letter, research statement, and reference contact information to the University of Chicago Academic Career Opportunities website (academiccareers.uchicago.edu), posting number 01618. Applications will be reviewed until the position is filled.

The University of Chicago is an Affirmative Action/Equal Opportunity Employer.

Scientists and Senior Scientists

Supported by a generous $50 million donation by Emmanuelle Gattuso, Allan Slaight and the Slaight family, the Ontario Cancer Institute at the Princess Margaret Cancer Centre in Toronto, Canada invites applications for multiple new faculty positions. These include: Directors of Cancer Genomics and/or Informatics, and outstanding candidates at the Scientist (Assistant Professor equivalent) or Senior Scientist (Associate/Full Professor equivalent) level in the areas of Computational Biology, Genomics/Clinical Genomics and Tumor Biology, including Stem Cell Biology.

The OCI/PMCC provides an extraordinarily rich scientific environment. It is the largest cancer research center in Canada and one of the largest in North America. The PMH treats approximately 18,000 patients per year, with 12,000 new cases. More than 20% of our patients participate in clinical trials, enabling patient-oriented research. With over 200 Scientists and Clinician-Scientists on staff, tightly integrated clinical and fundamental cancer research programs, and a top tier graduate teaching department, we have leading programs in the areas of stem cell biology, personal genomic medicine, epigenetics, signal transduction, immune therapy, radiation biology and medical imaging. Our downtown location is adjacent to other major Toronto hospitals and research institutes, and the University of Toronto, providing excellent opportunities for further collaborations.

These positions include full salary and benefits, as well as a very competitive startup package. We are affiliated with the University of Toronto, and successful candidates will be eligible for University appointments at the appropriate level.

Interested candidates should send their CV, list of three references, as well as a description of their research interests and future plans, highlighting their leadership experience or potential to:

Dr. Benjamin G. Neel
Director, Ontario Cancer Institute
7-504, 610 University Avenue, Toronto, Ontario M5G 2M9
oci@uhnresearch.ca
Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It's perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth's movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

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

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

Starting salary will be in the range of £44,314 - £99,999

The MRC Toxicology Unit is an internationally renowned institution delivering field-changing mechanistic insights into toxicology and disease. Using an unbiased systems approach the Unit pursues an integrated scientific programme to examine the effects that occur following cellular exposure to chemicals, radiation and external biological agents. This research impacts directly on human health, with implications for reducing adverse drug reactions, drug attrition and bringing new insights leading to novel treatments for disease. The Unit has state of the art facilities with broad expertise in imaging, proteomics, genomics and deep sequencing.

Applicants will be highly motivated with an outstanding international research profile, a substantial record of high impact publications, a proven ability to attract research funding and experience in leading a research team. A proven track record of international excellence with a background in DNA damage, epigenetics or neural biology is required in order to develop and lead an independent programme of research within either of these areas that are pertinent to an understanding of fundamental toxicology.

The successful applicant will advance the discipline within the Unit and enhance its reputation both within the UK and internationally, provide leadership, demonstrate innovation and strategic vision in order to deliver a world-leading research agenda. In addition a contribution to the strategic management of the Unit and the successful implementation of its longer term vision for the Quinquennial Review (QQR) is expected. This is a tenured appointment with core funding including a number of research posts.

Informal enquiries can be made to Professor Anne Willis, Unit Director at: aew5@le.ac.uk

Applications should include a covering letter and full CV, an outline of current research interests (1 page) and a proposal for future research (up to 2 pages) together with the names and addresses of three professional referees who can be contacted prior to interview.

Applications are handled by the RCUK Shared Services Centre, to apply please visit our job board at: http://www.topcareer.jobs/ entering job reference IRC82929

Further information about the Toxicology Unit can be found at: http://www.mrctox.le.ac.uk/

Closing date: 28th March 2013

The MRC is an Equal Opportunities Employer
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications *Science for All Americans* and *Benchmark for Science Literacy*, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit [aaas.org/plusyou/project2061](http://aaas.org/plusyou/project2061)
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
AGROECOSYSTEM ECologist ASSISTANT PROFESSOR

The University of Nebraska-Lincoln (UNL) Institute of Agriculture and Natural Resources is inviting applications for a 12-month, tenure-leading Assistant Professor position with research and extension responsibilities in the Department of Entomology located at the University of Nebraska West Central Research and Extension Center in North Platte, Nebraska. Programming should address statewide resistance management issues and cropping systems work and contribute to Entomology efforts in managing arthropods and stress biology. A Ph.D. degree or equivalent in entomology or related field is required. Degree must be completed before employment begins. To view the complete position details and make application for this position, go to the UNL Employment website: http://employment.unl.edu. Search for requisition number F_130049. Complete the faculty academic administrative information form. Attach a letter of interest, curriculum vitae, and a personal statement describing your research and extension interests and experience. Candidates should also arrange for three letters of recommendation to be submitted to e-mail: mwieder1@unl.edu.

Review of applications will begin on March 15, 2013, and continue until the position is filled or the search is closed.

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

OKLAHOMA STATE UNIVERSITY Stillwater, OK

ASSISTANT PROFESSOR, Animal Physiologist, Tenure-track. The Department of Zoology at Oklahoma State University (OSU, website: http://zoology.okstate.edu) is searching for a physiologist working within the context of behavior, ecology, environmental stress, or evolution. Examples of research focus could include aging, developmental biology, endocrinology, metabolic physiology, and neurophysiology. Applicants should have a Ph.D., postdoctoral experience, teaching experience, and success in obtaining extramural funding. Responsibilities include establishing an extramurally funded research program, mentoring M.S. and Ph.D. students, and teaching at the undergraduate and graduate levels. To apply please (1) send a single PDF file composed of a cover letter, curriculum vitae, and statements of research interest and teaching philosophy, and (2) have three letters of recommendation sent to the search committee chair, Dr. Punu Jeyasingh, e-mail: zoologysearch@okstate.edu. Application review will begin March 29, 2013, with employment beginning August 15, 2013. Filling of this position is contingent upon availability of funding. Oklahoma State University is an Affirmative Action/Equal Employment Opportunity/Educator Open to Women. E-mail: zoologysearch@okstate.edu.

PLANT ARTHROPOD INTERACTIONS ASSISTANT PROFESSOR

The Department of Entomology at the University of Nebraska-Lincoln (UNL) Institute of Agriculture and Natural Resources is seeking applicants for the tenure-leading Assistant Professor position. The Assistant Professor rank with a focus on the molecular biology of plant defense to arthropods and in teaching. A joint appointment with another department such as Biochemistry is possible. Approaches could include molecular biology, plant physiology, functional genomics, or the analysis of large data sets. A Ph.D. degree or equivalent in entomology or related field (degree must be completed before employment begins) with emphasis in molecular biology and research experience in arthropod interactions with plants. To view the complete position details and make application for this position, go to the UNL Employment website: http://employment.unl.edu. Search for requisition number F_130049. Complete the faculty academic administrative information form. Attach a letter of interest, curriculum vitae, and a personal statement describing your research and teaching interests and experiences. Candidates should also arrange for three letters of recommendation to be submitted to e-mail: mwieder1@unl.edu.

Review of applications will begin on March 15, 2013, and continue until the position is filled or the search is closed.

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FACULTY POSITIONS in Human Sociogenomics

College of Liberal Arts and Sciences and Institute for Genomic Biology University of Illinois at Urbana-Champaign
The University of Illinois, Urbana-Champaign, seeks candidates who examine the interdependence of biology and social behavior, with a particular interest in human sociogenomics for full-time faculty positions. Scholars in various social science fields whose research agenda engages the biological sciences as well as scholars in the biological sciences, with an interest in and knowledge of these social sciences are invited to apply. For complete details see website: http://www.humansociogenomics.illinois.edu/.

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