The Institute of Agriculture and Natural Resources, Department of Agronomy and Horticulture is pleased to accept applications for a Plant Molecular Physiologist, academic year (9-month), tenured or tenure-leading position at the Assistant, Associate, or Full Professor rank with 20% teaching and 80% research responsibilities. Rank and tenure will be based on experience and credentials of the successful applicant. The position will have a joint appointment in the Center for Plant Science Innovation. This incumbent will lead a discovery research program focused on elucidating the physiological, genetic, and metabolic mechanisms involved in the plant’s response to environmental stress. Research focus will be on the identification of metabolic processes and networks critical for mitigating environmental stress at the organismal and cellular level. Collaboration with faculty in the Stress Biology Initiative to introduce and evaluate candidate genetic traits for efficacy and commercial potential is expected.

Research responsibilities include using model organisms and/or crop species to provide a path from discovery research to application, and provide the basis for the development of crops through breeding and/or biotechnology with improved water and nitrogen use efficiency, and salt tolerance. Teaching responsibilities include contributing to undergraduate and graduate teaching programs and curriculum development in the Plant Sciences. Additional responsibilities include maintaining a vigorous research program supported through external grants and contracts; publishing research results in refereed scientific journals and presenting results at professional meetings; and advising undergraduate and graduate students.

Requires a Ph.D. or Ph.D. degree in place by date of employment in plant science, botany, biochemistry, agronomy, horticulture, or related field.

To view complete position details and apply for this position, go to the UNL Employment website: http://employment.unl.edu. Search for requisition number F_130108. Click on “Apply to this Job,” complete the form and then attach a letter of application, an overview of research and teaching experience and interests, and curriculum vitae. Arrange for 3 letters of reference to be sent to cwendt1@unl.edu. Review of applications will begin on June 7, 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.

Minimum requirements are a PhD degree, and a contrastable academic background. Only those applications with excellent research records, leadership capabilities and, preferentially, with international exposure at the doctoral or post-doctoral level, will be considered. Successful applicants, unless otherwise stated, will have a permanent contract with one of the Catalan universities, and are expected to cooperate with the existing research groups and develop new research lines, complementary to those already in place. Salaries will be in line with those paid by the Catalan universities, plus (subject to negotiation) an additional amount for those candidates with outstanding research performance, or a start-up grant, if appropriate. The successful applicants will be evaluated after a three year period, and subsequently every six years. A positive evaluation may lead to a consolidation of the additional payments.

Applications and deadline
Applications must be submitted electronically via the Serra Húter Programme website. The website provides all the information necessary for application. The deadline is April 30, 2013.

→ For further details please visit serrahunter.gencat.cat

3. The Serra Húter Programme is funded by the Government of Catalonia and by the seven public universities of Catalonia: University of Barcelona (UB), Universitat Autònoma de Barcelona (UAB), Universitat Politècnica de Catalunya – BarcelonaTech (UPC), Pompeu Fabra University (UPF), University of Lleida (Ulle), University of Girona (UdG), and Rovira i Virgili University (URV). Its main aim is to hire high-quality staff for the Catalan universities.
FACULTY POSITIONS AVAILABLE

The Virginia Bioinformatics Institute performs world-class informatics research in life sciences, social sciences, and human health by integrating theory, modeling and simulation with computational and experimental science in a transdisciplinary, team science research environment. The Institute’s mission is to solve some of society’s most important problems affecting life sciences, social sciences and human health through transdisciplinary informatics research and education.

ABOUT VBI. Established in 2000 by the Commonwealth of Virginia, the Institute is a part of Virginia Tech and is located on its Blacksburg Virginia campus. It has a 154,000 sq. ft. research facility with state-of-the-art core laboratory and high performance computing facilities as well as research offices in the National Capital Region, in Ballston, VA. VBI has developed distinctive informatics research capabilities and has achieved a solid foundation for further growth. The Institute is pursuing its vision to become a world leader in transdisciplinary informatics research which will involve developing an increased capacity for the analysis of interacting complex systems. In practice, this means making transformative discoveries, solving important problems, and developing the next generation of transdisciplinary researchers. The Institute influences public policy and transitions scientific research into use. (www.vbi.vt.edu)

ABOUT TEAM SCIENCE. VBI strongly emphasizes team science and organizes research outside of boundaries of academic disciplines. Research programs represented at VBI assemble to meet the specific needs of those programs; it is a flexible environment that rewards the notion of a problem-solving capability on the move. Extensive national and international collaborations complement the expertise of the research groups, including significant interactions with academic medical research centers.

VBI seeks to complement its existing programs in two main areas:

ADVANCED COMPUTING AND INFORMATION LABORATORIES. ACIL is focused on advancing informatics methods in massively interacting systems. The programmatic theme connecting the topical foci is employment of high-performance, pervasive and data-intensive approaches to complex biological and socially coupled systems. Affiliated laboratories of ACIL include the Nutritional Immunology and Molecular Medicine Laboratory (NIMML), Network Dynamics and Simulation Science Laboratory (NDSLL) and the Social and Decision Informatics Laboratory (SDIL). Domain research topics range over; and often integrate, systems biology to detailed regional population behavior and economic modeling. In addition, ACIL labs engage in related basic research in mathematics, theoretical computer science, network science, and network-centric high-performance computing systems.

CYBERINFRASTRUCTURE. The CI research program is an integrative research team that develops, evolves, deploys and uses large-scale information systems applying the principles of cyberinfrastructure to aggregate and curate data, computational infrastructure, and people in support of health sciences research. Through its research and development activities, CI currently is responsible for many public resources for curated, diverse biological, genome-scale data from various infectious disease systems, and implemented the processes, systems, interfaces and databases in support of such activities, as well as conducting cutting-edge research in the areas of new discoveries.

ABOUT THE POSITIONS. To support the growth of its transdisciplinary research portfolio, VBI is seeking team oriented, visionary researchers, to provide leadership and strategic focus. The successful candidates will hold the rank of associate or full professor based solidly on exceptional research accomplishments including an active, extramurally-funded research program that will augment VBI’s current strengths. The successful candidates will be fully engaged in leading transdisciplinary research aimed at solving complex informatics based problems in the life sciences, social sciences and human health.

Successful candidates will be placed in either the ACIL or CI research programs noted above based on research interests, credentials and programmatic need. Accomplished faculty with either computational or experiential laboratory research programs are encouraged to apply. A competitive allowance for laboratory start up and operational support will be provided. The transfer of intact research teams is encouraged.

Based on the successful candidate’s experience and credentials, tenured appointments with relevant academic departments at Virginia Tech will be considered; such appointments require approval by the relevant department faculty committees and university officials. Alternatively, appointments may be made as non-tenure track Special Research Faculty, with the rank appropriate to the individual’s qualifications and experiences, such as associate or full research professor. For more information on the University faculty ranks, please consult the Faculty Handbook located at http://www.provost.vt.edu/faculty_handbook/faculty_handbook.html.

QUALIFICATIONS.

• Ph.D. in life sciences, microbiology, genetics, computer science, engineering, biotechnology, mathematics, statistics or related appropriate field(s), with a biological, social science or human health focus.
• Demonstrated interest or experience at the interface of the informatics or computational aspects of the life sciences.
• Reputation as an accomplished leader in the development of important research programs complementing VBI’s research mission.
• Experience leading and mentoring in a diverse, team science environment as a project investigator or co-project investigator.

PREFERENCES.

• Evidence of exceptional performance on extramurally funded collaborative research efforts, preferably in life sciences, social sciences, or human health with a shared informatics perspective.
• Experience with high-performance computing, high-volume data generation, visualization and analysis.

TO APPLY. Visit www.jobs.vt.edu and see SR0130027 OR Contact: Lynn Byrd, Director of Talent Management byrd@vbi.vt.edu or 540-231-1904 An Equal Opportunity/Affirmative Action Employer
**Position Available: Director, NASA Astrobiology Institute**

NASA seeks a new Director for the NASA Astrobiology Institute (NAI). The ideal candidate will be an internationally recognized scientist with proven experience in leading large, multi-disciplinary, multi-site research programs or projects, possessed with a vision for leading the Institute into the future. Established in 1998 as part of NASA's Astrobiology Program, the NAI is a collaboration between NASA, US academic institutions, and foreign institutions, governments and research organizations — and is composed of over 800 US scientists and hundreds of researchers abroad. The NAI, currently headquartered at NASA Ames Research Center in the heart of California’s Silicon Valley, functions as a virtual institute, its members linked by modern information technologies.

The NAI Director, a member of the federal Senior Executive Service (SES), is both the senior scientific officer and chief operating officer of the NAI. U.S. citizenship is required. Interested applicants should apply directly to USAJobs to vacancy number AR13S0001 at http://www.usajobs.gov/GetJob/ViewDetails/339239100 This website also provides additional details and the application deadline.

NASA Ames Research Center does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, marital status, disability and genetic information, age, membership in an employee organization, or other non-merit factor.

**Call for applications for FY2014 Foreign Postdoctoral Researcher (FPR) RIKEN, Japan**

RIKEN is one of Japan's largest research organizations with institutes and centers in various locations. RIKEN carries out advanced basic and applied research in a wide range of fields, including physics, chemistry, medical science, biology, and engineering.

RIKEN is now accepting applications for the position of Foreign Postdoctoral Researcher (FPR) for FY2014. This position is for foreign scientists who have demonstrated creative and innovative ideas and who can be expected to achieve broad international recognition in the future.

The FPR program will provide an opportunity for foreign scientists to apply their creative and innovative ideas, under the direction of RIKEN's laboratory heads, to research currently being conducted at RIKEN.

Applicants must have a PhD in the natural sciences awarded in or after 2008.

Salary is $487,000 yen per month. An annual research budget of 1 million yen is allocated to the host laboratory.

Application Deadline: 5pm on Friday, May 31, 2013 (Japan Standard Time)

For details, see http://www.riken.jp/careers/programs/fpr/

**University of Hong Kong**

**Tenure-Track Immunology Faculty Position**

The Department of Immunology at the University of Connecticut Health Center seeks an outstanding investigator for a tenure-track position at the Assistant/Associate/Full Professor level. Although all areas of immunology will be considered, we are particularly interested in individuals using molecular, cellular and translational approaches to study immune system function in vivo. Areas of priority include but are not limited to mucosal immunity including the microbiome, innate immunity, signal transduction and transcriptional control, and dendritic cell biology.

The new hire will participate in a vibrant Ph.D. training program and have access to a growing translational research community. Salary and start-up funds are highly competitive and outstanding core facilities are available. Applicants must have a Ph.D. or M.D./Ph.D. and for senior appointments a history of sustained extramural funding and a high impact publication record. In addition to the beauty of the picturesque New England countryside, the Hartford area offers a vibrant arts and cultural scene and an exceptional outdoor sports environment.

Applicants should apply at https://jobs.uconn.edu search number 2012-067 and submit curriculum vitae, a two-page summary of research interests and the names of three references. Information may also be submitted to Dr. Leo Lefrançois, Ph.D., Chair, Department of Immunology, UConn Health Center, Farmington, CT, 06030. Email: immunology@uconn.edu. For further information on UCHC Immunology, please visit immune.uconn.edu.

UCHC is an Equal Opportunity Employer M/F/V/PwD.
Programm zur Förderung der Rückkehr des hoch qualifizierten Forschungsnachwuchses aus dem Ausland

Sie stehen am Anfang Ihrer Forscherkarriere und möchten mit ihren herausragenden Ideen zur Bewältigung der großen gesellschaftlichen Herausforderungen auf den Feldern Klima, Energie, Gesundheit oder Ernährung beitragen? Der Forschungsstandort Nordrhein-Westfalen bietet Ihnen die Chance zum Aufbau und zur Leitung einer selbstständigen Nachwuchsgruppe an einer Hochschule Ihrer Wahl in Nordrhein-Westfalen.


Sie forschen derzeit außerhalb Deutschlands und verfügen über eine Promotion, die zwischen zwei bis sechs Jahre zurückliegt (bei Medizinerinnen und Medizinern zwei bis neun Jahre). Ihr Lebensmittelpunkt lag vor dem Auslandsaufenthalt in Deutschland, und Sie können insgesamt mindestens 24 Monate erfolgreicher wissenschaftlicher Forschung außerhalb Deutschlands vorweisen. Wenn dies alles auf Sie zutrifft, freuen wir uns auf Ihre Bewerbung unter www.rueckkehrerprogramm.nrw.de

Nähere Informationen zu Bewerbungsunterlagen sowie eine detaillierte Beschreibung des Programms finden Sie auf der angegebenen Internetseite.

Bitte reichen Sie Ihre Bewerbungsunterlagen bis zum 31. Mai 2013 (Deadline) online ein.


WISSEN SCHAFFT CHANCEN.NRW

The Faculty of Chemistry and Earth Sciences of the Ruprecht-Karls-University Heidelberg invites applications for a

W3-Professorship of Applied Physical Chemistry (Succession of M. Grunze)

a position to be filled as from the beginning of the winter semester 2013/2014. Candidates are expected to take over teaching and administrative responsibilities in the whole field of Physical Chemistry at the undergraduate and graduate level and should therefore have the appropriate background and experience.

Candidates for the position are expected to have an internationally established record of accomplishments in current research in surface chemistry and surface physics. A participation in the new Centre of Advanced Materials (CAMP) would be appreciated. She / he should hold a Habilitation degree or have research credentials at an equivalent level, possibly with relevant industrial experience.

The University of Heidelberg seeks to increase the number of female research and teaching staff and therefore especially encourages qualified women to apply. According to German law, disabled applicants with an equivalent high qualification will be given preference.

Applicants are asked to submit a detailed curriculum vitae, the list of publications, an account of the teaching experience, the relevant documentation of academic degrees as well as a concise summary of current and proposed research activities, along with their five most relevant publications prior the 15.05.2013 to: Dean of the Faculty of Chemistry and Earth Sciences, Prof. Dr. H. Gebhardt, Im Neuenheimer Feld 234, D-69120 Heidelberg, Germany

Breakthrough Careers

Leading roles at AgResearch, New Zealand

AgResearch Ltd, New Zealand’s Pastoral Crown Research Institute, is building capability and leadership in Animal Science, Innovative Farm Systems and Land & Environmental Management.

Roles include senior science management, research leadership and science delivery.

More details on our website, www.agresearch.co.nz
The American Association for the Advancement of Science (AAAS) seeks a **Project Director** to work within the AAAS Dialogue on Science, Ethics, and Religion Program (DoSER). This is a senior position involving supervising DoSER staff and overseeing project activities.

**Major duties and responsibilities:**
- Oversee program activities
- Develop budgets and manage program finances
- Write and edit grant proposals
- Supervise staff and interns
- Develop new project ideas
- Travel and speak on behalf of program
- Liaise with senior AAAS staff

**Minimum requirements:**
- Extensive university or college level training leading to a PhD degree in a scientific field accompanied by subsequent professional experience
- Financial management experience
- Interest in and familiarity with issues at the intersection of science and religion
- Public Speaking experience
- Experience organizing public events
- Strong technology skills in contemporary software packages, particularly Microsoft Office
- Coursework in theology or religious studies preferred
- Ability to travel at least four times annually

Please visit our career resources website, [http://www.aaas.org/careercenter/employmentataaas/](http://www.aaas.org/careercenter/employmentataaas/) to get more information about careers at AAAS and to apply to AAAS online.

*AAAS is an Equal Opportunity Employer.*
Canada Excellence Research Chair in Quantum Materials and Devices

The University of British Columbia has been awarded a Canada Excellence Research Chair (CERC) in Quantum Materials and Devices. This major program is designed to attract a researcher of the highest calibre, with $10 million in CERC research support over seven years, plus over $30 million in new investments by the University.

UBC has a strong contingent of Condensed Matter researchers in the Department of Physics and Astronomy, an interdisciplinary research environment in the Advanced Materials and Process Engineering Laboratory (AMPEL), and is supporting this field through the development of a Quantum Matter Institute, now partnered with the Max Planck Society in Germany through major bilateral investments in collaborative research. Coupled to this CERC initiative, UBC is committed to an additional three faculty positions in complementary fields, additional research funding, and major expansion of research space.

Applicants must have a PhD Degree or equivalent, in Physics or in related areas of Chemistry, Materials Science or Engineering. An outstanding research record is essential, but could be rooted in industry or national labs as well as academic institutions.

The candidate will be appointed at the level of Professor, but researchers at earlier career stages are welcome to apply, and applicants from research backgrounds outside of academic institutions will be considered. The candidate will contribute to the University’s commitment to excellence in teaching and research supervision.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities.

The University is also responsive to the needs of dual career couples and we encourage all qualified candidates to apply. Canada Excellence Research Chairs are open to individuals of any nationality.

Interested individuals are encouraged to contact the Chair of the Search Committee, Simon Peacock, Dean of Science, or our search consultants, Barbara Morrison and Brent Cameron of Odgers Berndtson, at 1-604-685-0261, or barbara.morrison@odgersberndtson.ca for more information. To apply directly, please email to the above address a copy of your CV, publications list, and a statement of research interests. Review of applications will begin in March/April 2013 and continue until the position has been filled.

ASSISTANT/ASSOCIATE PROFESSOR

The Department of Neural and Behavioral Sciences, Pennsylvania State University College of Medicine, is beginning a significant expansion of its faculty. We invite applications from outstanding candidates for multiple tenure-eligible faculty positions at the Assistant or Associate Professor level. The successful candidates will be expected to have, or to establish, an active research program in neuroscience. Exceptional more senior candidates with well-established research programs may also be considered.

In recent years the Department of Neural and Behavioral Sciences has developed excellence in a number of areas including substance abuse and addiction, central control of visceral organs, and vision science. We will consider candidates using innovative approaches to study any aspect of neuroscience, including those whose expertise complements that of our existing programs.

The Department of Neural and Behavioral Sciences provides a competitive start-up package, remodeled laboratory space and excellent core facilities. There are also extensive opportunities for collaborative research and participation in graduate training programs.

Candidates should hold a Ph.D., M.D. or equivalent degree, and are required to send a current curriculum vitae, statement of research interests and goals and information for three references to:

Search Committee c/o Ms. Cathy Hirschbock, Department of Neural and Behavioral Sciences, Penn State University College of Medicine, P.O. Box 850, MC H109, 500 University Drive, Hershey, PA 17033 or email to: chirschbock@hmc.psu.edu

Materials will be accepted until the positions are filled.

Employment will require successful completion of background check(s) in accordance with University policies.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

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Young Group Leader Positions in Stem Cell Biology

The Institut Pasteur announces an international call for candidates wishing to establish independent research groups on its Paris, France campus. The recruitments are part of the Revive Laboratory of Excellence (LabEx) programme, recently awarded to the Institut Pasteur on “Stem Cells and Regenerative Biology and Medicine”. Candidates will be integrated into the cutting edge interdisciplinary environment provided by the Department of Developmental & Stem Cell Biology. Candidates specializing in the field of stem cells in the context of developmental and cell biology, genetics, epigenetics, regeneration, translational research and ageing are encouraged to apply.

To be eligible, candidates must have defended their PhD on or after May 31, 2005 (women with children are eligible up to 10 yrs after their Ph.D). Successful candidates will be appointed as head of a group of up to 6 people for a period of 5 years. The budget (up to 1,500,000€ over 5 years) includes the salary for the group leader, a three-year postdoctoral position, a technician’s position, part-time secretarial assistance, a substantial contribution to running costs and equipment, and access to on-campus facilities including state-of-the-art technology core facilities. Candidates should send their formal applications by E-mail to the Director of Scientific Evaluation, Prof. Alain Israël, at the Institut Pasteur (g5revive@pasteur.fr). The deadline for applications is May 31st, 2013. Short-listed candidates will be contacted for interview to be scheduled for beginning of September 2013 and recruitment decisions announced by October 2013. Further information on the Revive program can be found at http://www.pasteur.fr/revive

Applicants should provide the following (in order) in a single pdf file: (1) A brief introductory letter of motivation, including the name of the proposed group. Candidates are encouraged to contact the coordinator of the Revive programme Shahragin Tajbaksh (shahri@pasteur.fr). (2) A Curriculum Vitae and a full publication list. (3) A description of past and present research activities (up to 5 pages with 1.5 spacing; Times 11 or Arial 10 font size). (4) The proposed research project (up 10 pages with 1.5 spacing; Times 11 or Arial 10 font size). (5) The names of 3 scientists from whom letters of recommendation can be sought, together with the names of scientists with a potential conflict of interest from whom evaluations should not be requested.
University of Hawaii at Manoa Cancer Center: ASSISTANT RESEARCHER (Cancer Epidemiology Program), Position #70038, Tenure-track, Continuous recruitment. Refer to website: http://www.pers.hawaii.edu/wwu/ for complete information. The University of Hawaii is an Equal Opportunity/Affirmative Action Institution. Women and minorities are encouraged to apply.

University of Hawaii at Manoa Cancer Center: FULL RESEARCHER (Cancer Epidemiology Program), Position #88357, Tenure-track, Continuous recruitment. Refer to website: http://www.pers.hawaii.edu/wwu/ for complete information. The University of Hawaii is an Equal Opportunity/Affirmative Action Institution. Women and minorities are encouraged to apply.

POSITION ANNOUNCEMENT

The College of Veterinary Medicine at Mississippi State University (MSU) is seeking applications for a tenure-track ASSISTANT PROFESSOR position in the Department of Basic Sciences. The successful applicant must have research experience in type 2 diabetes and/or related cardiovascular conditions and an interest in research on human health disparities involving these health issues. Health disparities research concerning diabetes has been identified as a university-wide research priority. The Center for Environmental Health Sciences in the College of Veterinary Medicine is active in health disparities research, and the role of exposure to environmental chemicals (pesticides, for example) in the occurrence of health disparities is a unifying theme within the Center. The successful applicant will have at least one active transferable research grant and a record of publishing consistently in high-quality journals. The successful applicant will be expected to participate in our instructional programs for graduate (M.S. and Ph.D.) and/or D.V.M. students. Minimum qualifications include a Ph.D. with postdoctoral research experience as well as training and publications in type 2 diabetes and/or cardiovascular disease. Salary will be commensurate with experience. Applications must be received by April 22, 2013 to be considered. To apply, please send curriculum vitae, names and contact information for three persons who can provide letters of reference, and a brief (one page or less) statement of research plans and goals, which includes identification of the current research funding as well as teaching philosophy to: Dr. Matthew Ross, Chair of Search Committee, Department of Basic Sciences, College of Veterinary Medicine, P.O. Box 6100, Mississippi State, MS 39762. E-mail communication is preferred (e-mail: mross@cvm.msstate.edu). Applicants must also complete the online application process at the MSU Human Resources Management website: https://www.jobs.msstate.edu/applicants/jsp/shared/frameset/frameset.jsp?time=1357508611699. The position is listed as Assistant Professor and the department is listed as CVM Basic Science Department. MSU is an Affirmative Action/Equal Opportunity Employer, and members of minority groups who are underrepresented in the sciences are particularly encouraged to apply.

POSTDOCTORAL/RESEARCH ASSOCIATE

A postdoctoral/research associate position is available to participate in NIH-funded project to study the molecular mechanisms of lung injury induced by hyperoxia, in relation to human lung diseases such as ALI/ARDS. The successful candidate will have a Ph.D. in the areas of Molecular Toxicology and/or Lung Biology. She or he will use transgenic and knockout mice, cell lines, and apply state-of-the-art molecular and cell biology techniques such as cloning, molecular analyses of genetic variants, site-directed mutagenesis, next generation sequencing, RNA-Seq, ChIP-seq, microarray, 32P-postlabeling, electrophoretic mobility shift assays, plasmid isolation, real-time RT-PCR, chromatin immunoprecipitation, transfections, Western blotting, microarrays, etc. Please send curriculum vitae to: Dr. Bhagavatula Moothry, Department of Pediatrics, Baylor College of Medicine, Houston, TX (e-mail: bmoorthy@bcm.edu).

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 and strategize you can use to pursue a nonresearch career.