Tenure-track Assistant or Associate Professor of Genetics/Genome Sciences

The Department of Human Genetics at the University of Utah School of Medicine (www.genetics.utah.edu) seeks outstanding applicants for tenure-track positions at the level of Assistant or Associate Professor. We are looking for a highly creative scientist who uses genetics to investigate fundamental biological problems. We especially encourage applicants whose research focuses on human and medical genetics using functional, computational, or evolutionary genomics and/or model organisms. As part of a vibrant community of collaborative faculty on campus, the Department of Human Genetics lies at the interface between basic and clinical sciences, creating ample opportunities for interdisciplinary studies (e.g., the newly formed Center for Genetic Discovery). Our institution is set in a unique recreational and geographical landscape that attracts a very diverse and productive scientific community. Successful candidates will receive a generous startup package and enjoy a stimulating research environment that places a strong emphasis on innovation and interaction.

Our submission deadline is November 14, 2014. To apply, please see the following website: http://utah.peopleadmin.com/postings/35937. For questions regarding this posting or your application, please contact Natalie Johnson at njohnson@genetics.utah.edu

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based upon race, national origin, color, religion, sex, age, sexual orientation, gender identity/expression, status as a person with a disability, genetic information, or Protected Veteran status. Individuals from historically underrepresented groups, such as minorities, women, qualified persons with disabilities and protected veterans are encouraged to apply. Veterans’ preference is extended to qualified applicants, upon request and consistent with University policy and Utah state law. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities. To inquire about the University’s nondiscrimination or affirmative action policies or to request disability accommodation, please contact: Director, Office of Equal Opportunity and Affirmative Action, 201 S. Presidents Circle, Rm 135, (801) 581-8845.

The University of Utah values candidates who have experience working with students from diverse backgrounds, and possess a [strong or demonstrated] commitment to improving access to higher education for historically underrepresented students.

The University of Utah Health Sciences Center is a patient-focused center distinguished by collaboration, excellence, leadership, and respect. The Health Sciences Center values candidates who are committed to fostering and furthering the culture of compassion, collaboration, innovation, accountability, diversity, integrity, quality, and trust that is integral to the mission of the University of Utah Health Sciences Center.

Faculty Positions in Computational Biology and Bioinformatics

The newly established Computational Biology Institute at the George Washington University seeks founding faculty members to establish externally funded, internationally recognized, and interdisciplinary research programs in bioinformatics and/or computational biology. There are two open tenure-track faculty positions at any academic level, and we seek applicants concentrating in the areas of genome analysis, biodiversity informatics, translational medicine, and systems biology, developing methods to address “big data” issues from a computational perspective.

Basic Qualifications: Applicants must have an MD or PhD in Bioinformatics, Computational Biology, Computer Science, Mathematics, Genomics, or related discipline, with postdoctoral research experience, evidence of success in obtaining extramural funding, and a solid publication track record. Successful candidates will enjoy joint appointments at the CBI and an affiliated academic department (e.g., Biochemistry, Biological Sciences, Biophysics, CASHP, Computer Engineering, Computer Science, Integrated Systems Biology, Mathematics, Microbiology, Statistics, etc.) upon approval and have opportunities to establish partnerships with regional research centers of excellence, including Children’s National Medical Center, NIST, Janelia Farm, INOVA hospital system, Naval Research Laboratory, the Smithsonian, and the NIH intramural research program.

Application Procedure: Applicants should submit an electronic application, and upload a cover letter emphasizing specific qualifications, a curriculum vitae, a description of research interests, and names and contact information of 3 references at: http://www.gwu.jobs/postings/24171. Review of applications will begin on November 19, 2014 and will continue until positions are filled. Only complete applications will be considered. For further information about the Computational Biology Institute at George Washington University, please see http://cbi.gwu.edu. Employment offers are contingent on the satisfactory outcome of a standard background screening. For questions relating to this opportunity, please contact Keith Crandall, Director, Computational Biology Institute, The George Washington University, kcrandall@gwu.edu.

The university is an Equal Employment Opportunity/Affirmative Action Employer that does not unlawfully discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity or expression, or on any other basis prohibited by applicable law.
LUNDBECK FOUNDATION FELLOWSHIPS

The Lundbeck Foundation hereby invites applications for fellowships within biomedicine and natural sciences which will be granted to especially promising young researchers and their research groups. Within biomedicine, the Foundation has a special focus on neurology, psychiatry and allergology/immune modulation.

The fellowships are awarded for five years and each fellowship amounts to DKK 10 million (approx. Euro 1.3 million).

The subject area should be frontline basic- or applied research within the scope of the Foundation’s grant strategy, which can be seen at www.lundbeckfonden.com

This call invites Danish or foreign researchers from abroad who wish to move to Denmark and continue their research here. The call is also open for applicants from Danish universities and university hospitals.

The fellowships are intended for researchers who are qualified to establish or develop their own research groups within the health or natural sciences and who have received their Ph.D. degree within the last 5-7 years.

The application should include an account of the project’s research plan, collaborators, budget and how the research group is envisioned to be placed within a Danish research institution. In addition, it should include a letter of intent from a resident researcher at the host institution, who makes him- or herself available as a mentor to facilitate the applicant’s establishment of the research group as an integral part of the host institution. Further guidance is provided in the application form.

The application, written in English, should be sent via the Foundation’s Electronic Application System for fellowships at www.lundbeckfonden.com no later than December 15, 2014.

Interviews will take place during the weeks of April 13-17 or 20-24, 2015 at the Lundbeck Foundation.

For further information please contact Ulla Jakobsen, Science Manager, phone: 39 12 80 11 or email: application@lundbeckfonden.com

The Vienna Center for Quantum Science and Technology (VCQ) invites applications for the Vienna Quantum Fellowships

These Fellowships in Experimental or Theoretcal Quantum Science will be awarded on the postdoc-level on the basis of an international competition. The appointments are for a three-year duration. Postdoctoral Fellowships carry a competitive annual salary, and an annual research expense fund.

The Vienna Quantum Fellowship program has been established with the support from the Austrian Ministry of Science and Research to offer young scientists the best possible opportunity to develop their talents in the environment of the Vienna Center for Quantum Science and Technology (VCQ).

The VCQ faculty provides a broad variety of research opportunities in the areas of Experimental and Theoretical Quantum Science (see http://vcq.quantum.at):

- Matter wave interferometry and quantum optics
- Micro and nanoscale quantum optics and quantum optomechanics
- Microoptics and novel quantum states of light
- Cold atoms and degenerate quantum gases
- Many-body quantum physics and quantum simulations
- Entanglement-based quantum communication on Earth and via satellites
- Quantum information and foundations of physics

Information about how to apply and the required application material can be obtained from http://vcq.quantum.at

Deadline for the application is 31st December 2014. Fellowship candidates will automatically be considered for other available postdoctoral positions in their fields of interest.

The winner in each category will receive € 20,000. Application is open to all stakeholders from the academic or research organization (public or private), the civil society, or the private sector.

OLAM PRIZE FOR INNOVATION IN FOOD SECURITY

Global agri-business Olam International partners with Agropolis Fondation in awarding the Olam Prize for Innovation in Food Security in conjunction with the Malassis Prize.

Open to individuals or research teams, the Olam Prize aims to recognize an outstanding innovation for its potential impact on the availability, affordability, accessibility or adequacy of food, as well as to support its further development.

The winner will receive a total of US$50,000 (US$15,000 as a personal award and US$35,000 as a grant for further research).

APPLICATION DEADLINE for both Prizes: 04 DECEMBER 2014, 14:00 (Paris time)

The Award Ceremony will be held during the 3rd Global Science Conference on Climate Smart Agriculture on 16-18 March 2015 in Montpellier, France.

For more information visit: http://www.agropolis-fondation.fr/uk/our-actions/Malassis-Prize.html
Contact: malassis-prize2015@agropolis.fr
THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Division of Life Science
Faculty Positions

The Division of Life Science at The Hong Kong University of Science and Technology seeks applications for tenure-track positions at Assistant Professor and higher ranks.

Applicants should have a doctoral degree and at least 3 years of postdoctoral experience. They will be expected to establish an independent, internationally recognized research program and to contribute to the missions of the Division in undergraduate and graduate education. The Division of Life Science (life-sci.ust.hk) currently has 35 faculty members who come from a range of international backgrounds. Their research covers many different areas of biological sciences, including biotechnology and medicinal biochemistry, cancer biology, cellular regulation and signaling, developmental biology, molecular and cellular neuroscience, macromolecular structure and function, and marine and environmental science. The University has a vibrant research environment and is consistently ranked as one of the top universities in Asia. The medium of instruction is English.

Starting salary will be commensurate with qualifications and experience. Medical/dental benefits and annual leave will be provided. Housing benefits will also be provided where applicable. Initial appointment for Assistant Professor will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable upon completion of contract.

Application materials including a cover letter, curriculum vitae, statements of a program of research and teaching interests, and contact information of three referees should be submitted to the Chair of Life Science Search and Appointments Committee (llifesc@ust.hk). Review of applications will start in October 2014.

Applications are invited for:

School of Life Sciences
Associate Professor / Assistant Professor
(Ref. 1415/076(665)/2) (Closing date: November 30, 2014)

The School invites applications for an Associate Professorship/Assistant Professorship in food and nutritional sciences. Applicants should (i) have a doctoral degree in a relevant biological science discipline; (ii) demonstrate achievement in any aspect of food and nutritional sciences, particularly experience in applying novel molecular and omics technologies in nutraceutical and functional food research, including experience in metabolomics, the microbiome, food crop genetic engineering, and animal models for metabolic disorders; and (iii) demonstrate potential for excellence in both teaching and research. The appointee will (a) teach undergraduate and postgraduate courses in his/her field of expertise; (b) develop a significant research program with external grant support; (c) provide service for the School and the University. Multidisciplinary research collaborations are encouraged within the School and with other units of the University. Appointment will normally be made on contract basis for up to three years initially commencing January 2016, which, subject to mutual agreement, may lead to longer-term appointment or substantiation later. Assistant Professors will normally be reviewed for advancement and substantiation towards their sixth year of service. Review of applications will begin in December 2014 and will continue until the post is filled.

Salary and Fringe Benefits

Salary will be highly competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, plus a contract-end gratuity for an appointment of two years or longer, and housing benefits for eligible appointee. Further information about the University and the general terms of service for appointments is available at http://www.person.cuhk.edu.hk. The terms mentioned herein are for reference only and are subject to revision by the University.

Application Procedure

Application forms are obtainable (a) at http://www.cuhk.edu.hk/personnel, or (b) in person/by mail with a stamped, self-addressed envelope from the Personnel Office, The Chinese University of Hong Kong, Shatin, Hong Kong, or (c) by fax polling at (852) 3943 1461. Please send the completed application form, full curriculum vitae, research plan (in pdf format) by e-mail to laurenlee@cuhk.edu.hk (subject line: SEARCH2014FNS - name of the applicant). Please also arrange three confidential letters of recommendation forwarded by referees directly to laurenlee@cuhk.edu.hk by the closing date.

THE CHINESE UNIVERSITY OF HONG KONG

W UNIVERSITY OF WASHINGTON

Faculty Position
Eukaryotic Cell Biology
Department of Biology

As part of a long-term strategy to enhance strengths in Cell Biology, the Department of Biology is searching to hire a full-time (9-month) Assistant Professor (job class 0116) for a tenure-track faculty position in eukaryotic cell biology. We seek candidates who integrate perspectives from multiple disciplines, use quantitative approaches, and appreciate the breadth of research encompassed within the Department. We are especially interested in candidates using experimentally tractable plant, animal or protist systems to investigate fields including but not limited to cell homeostasis, signaling, polarity, proliferation, motility, membrane trafficking, interactions between cells and their environments, developmental cell biology, and evolutionary cell biology.

We are looking for individuals with a record of outstanding achievement or strong indications of outstanding future potential. Priority will be given to applications received by 3 November 2014 at: http://www.biology.washington.edu/faculty/search/. Applicants must have earned a doctorate by the date of appointment. All University of Washington faculty engage in teaching, research, and service.

The University of Washington is an Affirmative Action, Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to, among other things, race, religion, color, national origin, sex, age, status as protected veterans, or status as qualified individuals with disabilities. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans. The University is the 2006 recipient of the Alfred P. Sloan award for Faculty Career Flexibility, and is committed to supporting the work-life balance of its faculty. Our NSF-supported ADVANCE program http://advance.washington.edu/ is dedicated to increasing the participation of women in STEM disciplines.

THE CHINESE UNIVERSITY OF HONG KONG

MOLECULAR MICROBIOLOGIST
ASSISTANT PROFESSOR (TENURE-TRACK)
DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF SCIENCE

Responsibilities: This is a tenure-track faculty position and the successful candidate will be expected to establish a vigorous, extramurally funded research program in the areas of Molecular Microbiology at LSU. Biological Sciences is a large and dynamic department, with research ranging across all levels of biological organization from molecules to ecosystems. The successful candidate will complement these strengths, and will be expected to maintain a vigorous, extramurally funded research program, and to contribute to undergraduate and graduate teaching.

Required Qualifications: Ph.D. in Biological Sciences or related field; successful track record of independent research.

Additional Qualifications: Postdoctoral experience is preferred.

An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is November 18, 2014, or until a candidate is selected. Apply online and view a more detailed ad at: https://busystemcareers.lsu.edu Position #038253

Quick link at ad URL: https://busystemcareers.lsu.edu/applicants/Central?quickFind=58,303

LSU IS COMMITTED TO DIVERSITY AND IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER
Faculty positions in solar cells and solar fuels

Openings of more than 15 tenure-track positions of Assistant Professor, Associate Professor and Full Professor are now available in the recently established Institute of Artificial Photosynthesis (IAP), Dalian University of Technology (DUT), China. The research fields of these open positions cover dye sensitized solar cells, quantum dots sensitized solar cells, organic polymer solar cells, organic-inorganic hybrid solar cells, catalytic water oxidation, catalytic proton reduction, catalytic CO\(_2\) reduction, functional devices for light driven total water splitting, new type batteries, light to heat conversion at molecular level. Qualified candidates for these open positions should have obtained PhD degree, postdoc research experience, and well documented research achievements in related research fields. DUT will provide for the positions in IAP competitive salaries at international levels. Applicants should send their curriculum vitae, a statement of research plans (IAP+applicant’s name”. All applications should contain the following:

**Research Area:** Artificial Photosynthesis

**Disciplines:** Chemistry, Chemical Engineering, Materials Science and Engineering, Physics, and Electrical Engineering.

**Requirements:**

- Applicants should have doctorate, also hold the position of assistant professor, associate professor, and professor at leading universities or research institutions overseas. Professionals and talented management at well-known enterprise or financing institution would be acceptable as well.

**Contact Information:**

For more information, please check on our main site: [http://www.qtech.edu.cn](http://www.qtech.edu.cn)

Tel: +86-0532-85071322
E-mail: qdlgre@163.com

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**Research Fellows and Senior Research Associates in Atmospheric Science, Jinan University, Guangzhou, South China**

We are seeking Research Fellows (RF) and Senior Research Associates (SRA) in Atmospheric Science for the Institute of Atmospheric Environment Safety and Pollution Control (IAESPC), Jinan University (JNU), Guangzhou, South China.

JNU is known as the top university for Overseas Chinese and also one of key universities of ’Project 211’ in China. The IAESPC is a newly founded research institute in JNU; the group leader (Prof. Zhen Zhou) was introduced back to China by the National 1000-Talents Program in 2009. Presently, there are 3 research teams in the institute, focusing on atmospheric aerosols, volatile organic compounds and relevant health risk assessment. Besides, the institute also has a super atmospheric monitoring station and a research center on mass spectrometry instrumentation (top one in China). The total area of labs/offices is more than 1000 m\(^2\), and 30+ million has been investigated for the instruments and facilities in the institute.

The requirements for the candidates are specified as follows:

**Research Area:** Atmospheric Science.

**Requirements:**

1. Born after 1974.01.01 and 1979.01.01 for RF and SRA, respectively.
2. PhD from top universities all over the world.
3. For RF, research experience (3+ years)/got an official position/principal investigators in well-known universities/research institutes/companies;
   For SRA, post-doc/research associate/key participants in well-known universities/research institutes/companies.

**Research Fields:** Atmospheric Chemistry, Atmospheric Field Monitoring, Source Appointment of Particulate Matter, Instrumentation on Environmental Analysis (especially mass spectrometry).

**Nationalities:** All over the world.

**Application materials:** CV, a list of representative research achievements and a 5-year plan;

**Contact:**

1. Contact person: Haifeng Fu;
2. Tel: +86 (0)20 85220220;
3. Email: 969852782@qq.com.

**Deadline:** None.
Open Rank Tenured/Tenure-Track Faculty Positions
Department of Comparative Biosciences

The Department of Comparative Biosciences at the College of Veterinary Medicine, University of Illinois at Urbana-Champaign invites applications for two open positions—one in reproductive biology and one in regenerative/ stem cell biology—at the Assistant, Associate, or Full Professor level. Candidates must possess a Ph.D., or equivalent degree. Candidates currently at the Associate or Full Professor rank with federal funding are especially encouraged to apply. The successful candidates will participate in the professional and graduate curricula and develop research programs which complement existing department and/or campus strengths in reproductive biology, neuroscience, environmental toxicology and cancer biology. Candidates with research programs related to neuroscience, healthy aging, obesity or cancer are especially encouraged to apply. Full information about the department is available at http://vetmed.illinois.edu/cb/index.html. The positions are regular, full-time, 9-month, tenured or tenure track appointments, and are available August 2015. Salary and rank will be commensurate with qualifications.

Qualified applicants should apply online at https://jobs.illinois.edu. Applications should include a cover letter including a research statement, CV, and contact information for three references. Please indicate on your application which position you are most interested in. Questions may be directed to Dr. Jodi Flaws, search committee chair, jflaws@illinois.edu or 217-333-7933. In order to ensure full consideration, applications must be received by December 1, 2014. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date.

Illinois is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu).

Assistant Professor: Innate/Adaptive Immunologist

THE DEPARTMENT OF BIOLOGY AT SAN DIEGO STATE UNIVERSITY invites applications for a tenure-track faculty position in MOLECULAR and/or CELLULAR IMMUNOLOGY at the Assistant Professor level. We are seeking a candidate whose research is at the forefront of the innate and/or adaptive immune system. The successful candidate will be expected to develop a vigorous, externally funded, independent research program with student participation. The Department of Biology is a vibrant environment studying different aspects of biology. Please visit our website at http://www.bio.sdsu.edu/ for more information. Participation in the teaching mission of the Biology department and fair share to University and/or community service is also expected. Applicants must hold a Ph.D. or equivalent degree and have postdoctoral experience.

SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all. SDSU is seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups. The College of Sciences is host to a large number of federally-funded minority training programs (described at http://www.sci.sdsu.edu/casa/).

Apply via Interfolio at http://apply.interfolio.com/26940. Review of applications will begin December 1, 2014, and will continue until the position is filled.

The person holding this position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment. SDSU is a Title IX equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.

Smithsonian
National Museum of Natural History

ASSOCIATE DIRECTOR FOR SCIENCE

The National Museum of Natural History (NMNH), a science-based museum within the Smithsonian Institution’s complex of museums and research organizations, seeks a dynamic scientist to lead its interdisciplinary research, collections programs, specialized laboratories, field stations, and other similar programs and partnerships. The successful candidate will bring extensive experience in science leadership, policy formulation and strategic planning to the NMNH that has 80 scientists and 330 total staff in the fields of biology, botany, entomology, zoology, geology, paleobiology, anthropology and archaeology. Working in collaboration with the Sant Director, this high-profie leader will formulate and implement strategic directions for the Science programs of the Museum; assure the quality and breadth of all Science activities; and provide institutional leadership in national and international initiatives.

The National Museum of Natural History is dedicated to understanding and explaining the natural world and is the most visited natural history museum in the world, thus providing an unparalleled venue for science education. With over 128 million specimens and objects, the Museum’s collections represent over 90% of the holdings of the Smithsonian. This collections-based research forms the foundation for the extensive public programs of the Museum, including exhibitions, education, training, and outreach.

This is a full-time, permanent position to be filled as: (i) Federal Civil Service (U.S. citizenship required) or (ii) Trust (private sector, U.S. citizenship not required, proof of eligibility to work in the U.S. required). Salary commensurate with experience. The Smithsonian Institution offers a comprehensive package of benefits. For complete requirements and application procedures, please visit www.sihrsi.edu and refer to Announcements EX-14-24 (Trust) or EX-14-25 (Federal). Applications must be received online by December 10, 2014 and must reference the announcement number. Applicants will be notified by email when their applications are received.

We encourage all qualified candidates to apply.

The Smithsonian Institution is an Equal Opportunity Employer.

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Scan this code to download app or visit apps.sciencemag.org for information.

ScienceCareers.org
Reengineering Photosynthesis: Assistant, Associate or Full Professor

The School of Integrative Biology and the Department of Plant Biology at the University of Illinois, Urbana-Champaign seek an outstanding individual working in the broadly defined fields of bioengineering/synthetic biology/biochemistry, in part with the goal of developing novel strategies and using cutting-edge technologies to improve photosynthetic performance and efficiency of plants. Research areas of interest in reengineering photosynthesis include, but are not limited to: carboxylation chemistry and redesign, synthetic assembly of new photosynthetic processes, installing microbial pathways into plants, and systems engineering of extant photosynthetic metabolism and pathways.

The successful candidate will be expected to develop an externally funded research program, teach at undergraduate and graduate levels, and collaborate with faculty to develop research and education initiatives in plant bioengineering and photosynthetic redesign. A Ph.D. or equivalent in a relevant field is required for appointment. For the Assistant Professor position, postdoctoral experience is highly desirable. Appointment as an Associate or Full Professor requires credentials warranting tenure at the University of Illinois.

The University of Illinois provides a highly collaborative and supportive academic environment for cross-disciplinary plant systems research given its strengths in photosynthesis, bioengineering, crop sciences, global change, molecular and cellular biology, genomics, ecology, chemistry and computation. Relevant interacting units include the: Institute for Genomic Biology; Energy Biosciences Institute; National Center for Supercomputer Applications; Bill and Melinda Gates Foundation funded Realizing Improved Photosynthetic Efficiency (RIPE) project; Departments of Biochemistry, Microbiology, Bioengineering, Chemical and Biomolecular Engineering, Crop Sciences and Computer Science.

The appointment is for a full-time, nine-month Assistant (tenure-track), Associate or Full Professor (tenured). Target start date is 16 August 2015. Salary is commensurate with experience.

To ensure full consideration, please create your candidate profile through http://go.illinois.edu/Photosynthesis and upload your application letter, curriculum vitae, summary of research and plans, teaching philosophy and experience, and contact information including e-mail addresses for three professional references by December 24, 2014. A review of the candidate’s record, the search committee may then contact the applicant about soliciting letters of reference.

Applications may be interviewed before the closing date; however, no hiring decision will be made until after that date. For further information contact Reengineering Photosynthesis Search Chair, sbgb@life.illinois.edu.

Harley Jones Van Cleave Professor: Host-Parasite Interactions

The Department of Animal Biology and the School of Integrative Biology at the University of Illinois, Urbana-Champaign seek a highly qualified candidate for the Harley Jones Van Cleave Professor of Host-Parasite Interactions. This Professorship was made possible by the generous gift of David R. and Margaret Stirewal Lincicome. This is a full-time faculty position at the rank of Associate or Full Professor with credentials warranting tenure at the University of Illinois. We seek a broadly trained biologist who has a well-established, internationally renowned, externally funded research program in any aspect of host-parasite interactions, including but not limited to evolutionary interactions, the molecular, physiological, developmental, or immunological bases of such interactions, molecular parasites and genome evolution, effects of parasites on host behavior, life histories, population dynamics, conservation biology, or alterations in such interactions caused by global change. We welcome empirical and theoretical approaches. The successful candidate will have the opportunity to be part of dynamic and well-established communities of integrative biologists with interests spanning a wide range of taxa in the School of Integrative Biology, as well as in a number of interdisciplinary programs across the campus. Responsibilities also include teaching and participation in both undergraduate and graduate training. The successful candidate must have a Ph.D. in biology or related discipline. Salary is commensurate with qualifications and experience. Target start date is August 16, 2015 but is negotiable.

The University of Illinois at Urbana-Champaign is a public land-grant university with more than 40,000 students and provides a highly collaborative and supportive academic environment. There are opportunities for interactions with the Institute of Genomic Biology, the Program in Ecology, Evolution and Conservation Biology, the National Center for Supercomputer Applications, Roy J. Carver Biotechnology Center, the Beckman Institute for Advanced Science and Technology, and the Illinois State Natural History Survey and the Illinois State Geological Survey.

To ensure full consideration, please create your candidate profile through http://go.illinois.edu/VanCleaveProf and upload your application letter, curriculum vitae, summary of research and plans, teaching philosophy and experience, and contact information for three professional references by December 9, 2014. After a review of the research record, the search committee may then contact the applicant about soliciting letters of reference. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. For further information contact Host-Parasite Interactions Search Chair, sbgb@life.illinois.edu.

University of Illinois at Urbana-Champaign is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu)

Universidad Andrés Bello, Santiago (Chile).

Universidad Andrés Bello (PMI UAB1301) calls for applications for the following job positions:

1. **PhD in Chemistry, Pharmacy, Biochemistry or equivalent:** Knowledge in preparation of nano and micro capsules for biomedical use in small and medium scale. Required experience in the use of spray drying techniques, double phase emulsion and techniques related to the characterization and pharmacological action of nano micro capsules.

2. **Postdoctoral Scholar:** PhD in Biology, Biochemistry, Biotechnology or equivalent. Experience with biological and/or fungal models in molecular and physiological aspects. Desirable experience in analytical techniques for establishing independent trials of innovative materials in the area of rot control and plant senescence.

3. **Postdoctoral Scholar:** PhD in molecular Biology, Biochemistry, Neurosciences, Life Sciences or equivalent. Ample knowledge on chemical modeling and drug design using theoretical and experimental approaches and/or in vivo pharmacology.

Candidates should submit full curriculum vitae to: comunicaciones.dtt@unab.cl

**Application period:** Until 21 November

**Application results:** 19 December

University of Missouri - Kansas City

Assistant/Associate Professor (Job 14479)

The School of Biological Sciences at the University of Missouri - Kansas City invites applications for two full-time tenure track faculty positions at the rank of Assistant or Associate Professor. Applicants applying in areas of biochemical, genetic, or model systems approaches to neuroscience or computational modeling approaches are preferred, but any qualified applicant employing molecular biological approaches will be considered.

The School seeks to attract an active, culturally, and academically diverse faculty of the highest caliber.

The School has strengths in structural biology, molecular genetics, and developmental biology. It has a strong track record in attracting faculty who develop successful research programs with external support. The School grants B.S., B.A., M.S., and Ph.D. degrees, the latter in two disciplines, Cell Biology & Biophysics and Molecular Biology & Biochemistry. UMKC has a strong focus in life sciences, with programs in the Schools of Biological Sciences, Medicine, Pharmacy, Dentistry, and Nursing and Health Studies.

For additional details, instructions, and submission of application, visit http://apprtrk.com/527276. For questions about how to apply, please call 816-235-1621, or if experiencing technical problems, please call 855-524-0002. UMKC is an equal access, equal opportunity, affirmative action employer that is fully committed to achieving a diverse faculty and staff.
IOWA STATE UNIVERSITY

Assistant Professor in Stress Biology

Iowa State University has launched the Presidential High Impact Hires Initiative to support targeted faculty hiring in areas of strategic importance. This position is part of a cluster hire of 5 faculty in four colleges within the strategically important area of Translational Health and is included among the 29 high-impact hires in the second year of the initiative (http://www.biotech.iastate.edu/ISU-HRI/blueprint.html).

The Genetics, Development, and Cell Biology (GDCB) Department seeks applicants for a tenure-track faculty position at the Assistant Professor level who will investigate the cellular networks that mediate responses to stresses in animals, plants or microbes. The successful candidate will establish a vibrant, externally funded research program, work collaboratively with faculty, complementing existing research strengths at ISU, and skillfully contribute to undergraduate and graduate education, including teaching courses in their area(s) of expertise.

Qualified applicants must have a Ph.D. in the life sciences or a related field and demonstrated potential to develop a successful research program. Please visit www.iastatejobs.com/postings/search and search for posting number 400059 to view the entire vacancy and apply electronically. For full consideration, applications must be received by November 30, 2014.

Iowa State University is an EO/AA Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Vets status.

INSTITUT PASTEUR

Department of Parasites and Insect Vectors

FACULTY POSITIONS IN PARASITES AND INSECT VECTORS

The Institut Pasteur in Paris announces an international call for outstanding candidates at all levels to establish independent research groups in the Department of Parasites and Insect Vectors. Preference will be given to studies of trypanosomases/tsetse flies, Leishmania/ sandflies, malaria/Anopheles, and Toxoplasma. We expect to recruit a new faculty member in each of the following areas: (i) field or clinical research emphasizing epidemiology, pathogenesis, intervention studies, transmission, or populations of parasites or vectors, and (ii) laboratory-based studies on all aspects of parasite or vector biology. Attractive start-up and ongoing support includes salary, equipment, and operating costs. In addition, Institut Pasteur provides access to state-of-the-art technology platforms, and to laboratories and research infrastructure in disease-endemic regions through the Pasteur International Network.

The application should comprise the following (in order) in a single pdf file: (i) A brief introductory letter, (ii) CV and full publication list, (iii) A description of past and present research activities (4-5 pages with 1.5 spacing), (iv) The proposed research project (8-10 pages with 1.5 spacing). Separately, provide 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.

Applications and requests for information should be addressed to parasitology@pasteur.fr by 15 January 2015. Short-listed candidates will be invited for interviews in early 2015 and decisions will be announced by mid-2015.

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Faculty Position in Evolutionary Developmental Biology

The Department of Biology at the University of Miami, Coral Gables, Florida invites applications for a tenure-track appointment at the Assistant/Associate Professor level in Evolutionary Developmental Biology. We are searching for an outstanding scientist addressing fundamental questions in evo-devo; however, applicants who complement the existing strengths of our department and who can also contribute to a university-wide initiative in Biomaterials are particularly encouraged to apply. Potential areas of research interests include, but are not limited to, regenerative studies with a focus on extracellular matrices, the evolution and development of biominalerized structures, plant cell walls, spider silk or other biological novelities that can potentially be exploited for biologically-inspired materials research. We seek candidates with a Ph.D. and a minimum of two years postdoctoral experience who have demonstrated creativity and productivity in research and have a strong interest in undergraduate and graduate education. The successful candidate will have the opportunity to interact with a growing community of integrative scientists in the Departments of Chemistry, Physics, Math, Computer Science, Biochemistry, and Psychology, as well as the Miller School of Medicine, Rosenstiel School for Marine and Atmospheric Science, Fairchild Tropical Botanic Garden and Abbess Center for Environmental Science & Policy.

Inquiries may be directed to the Search Chair at evodevo@bio.miami.edu. Details on the Department of Biology and our strengths and foci can be found at: http://www.as.miami.edu/biology/

Applications should include a full curriculum vitae listing all publications and contact information of three references. Copies of three relevant publications and statements of research objectives and teaching interests should also be included. A cover letter outlining how the applicant will complement the current research areas of the Department of Biology, and link with a campus-wide initiative on interdisciplinary approaches to biomaterials should be included.

The position will remain open until filled; priority will be given to those applications received by November 15, 2014. Application materials must be uploaded at http://content.as.miami.edu/biology/about-the-department/apply/.

The University of Miami is an Equal Opportunity Employer — Females/Minorities/Protected Veterans/Individuals with Disabilities are encouraged to apply. Applicants and employees are protected from discrimination based on certain categories protected by Federal law.

Faculty Positions in Plant Biology

The Department of Biology at the University of Miami, Coral Gables, Florida, invites applications for two open rank tenure-track positions in the following areas of plant biology.

**Plant-Microbial Symbiosis:** Outstanding candidates engaged in answering fundamental questions in microbial or mycorrhizal plant symbioses using molecular approaches are encouraged to apply.

**Ecosystems Ecologist:** Outstanding candidates using experimental or modeling approaches to study nutrient cycles and their impact on processes such as population dynamics, biodiversity or terrestrial productivity are encouraged to apply.

For both positions, we are seeking scientists who will complement the existing strengths of our department and can also contribute to a university-wide initiative to recruit researchers looking at energy problems from different disciplinary perspectives. These individuals will interact with Biology faculty having a broad range of interests such as symbiosis, plant-animal interactions, demography, ecophysiology and evolution. In addition, the Department of Biology has a joint program with the Mathematics Department (Institute of Theoretical and Mathematical Ecology), and has strong interactions with the Abess Center for Ecosystem Science & Policy and the Fairchild Tropical Botanic Garden.

Inquiries may be directed to the Search Chair at plantsearch@bio.miami.edu. Details on the Department of Biology and our strengths and foci can be found at: http://www.as.miami.edu/biology/

Candidates must hold a PhD with a minimum of two years of postdoctoral experience. Applications should include a full curriculum vitae, including a listing of all publications and contact information of three references. Copies of three relevant publications, statements of research objectives and teaching interests should also be included. A cover letter outlining how the applicant will complement the current research areas of the Department of Biology and link with a campus-wide initiative on interdisciplinary approaches to research on energy should be included. Application materials for the respective positions must be uploaded to either http://www.as.miami.edu/biology/plantmicrobialSymbiosis/ or http://www.as.miami.edu/biology/EcosystemEcologist/ by November 15, 2014.

The University of Miami is an Equal Opportunity Employer — Females/Minorities/Protected Veterans/Individuals with Disabilities are encouraged to apply. Applicants and employees are protected from discrimination based on certain categories protected by Federal law.
ASSISTANT PROFESSOR
Department of Chemical Engineering
Massachusetts Institute of Technology (MIT)

The MIT Department of Chemical Engineering (website: http://web.mit.edu/cheme/) invites candidates for faculty positions at any level or thereafter. Appointment will be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible. Candidates must have a Ph.D. in chemical engineering or a related field by the start of their employment. Candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. The successful candidate is expected to advise students, and develop and teach complement of courses offered in the Department of Chemical Engineering at both undergraduate and graduate levels, as well as to develop a sponsored research program and be involved in service to MIT and the profession.

Interested candidates should submit application materials electronically at website: https://chemfacarchs.mit.edu. Each application must include: curriculum vitae; the names and addresses of three or more references; a strategic statement of research interests; and a statement of teaching interests. It is the responsibility of the candidate to arrange for reference letters to be uploaded at website: https://chemfacarchs.mit.edu/letters/.

Please address questions to e-mail: cheme-search-master@chemfacarchs.mit.edu. Responses received by December 1, 2014, will be given priority.

With MIT’s strong commitment to diversity in engineering education, research, and practice, we especially encourage minorities, women and to apply. MIT is an Equal Opportunity/Affirmative Action Employer.

CURATOR OF INVERTEBRATES AND ASSISTANT PROFESSOR in Ecology & Evolutionary Biology

The University of Colorado Museum of Natural History and Department of Ecology & Evolutionary Biology (EBIO), University of Colorado Boulder, invites applications for a joint, tenure-track appointment as Curator of Invertebrates and Assistant Professor. Primary responsibilities will be to develop an active research program on any non-vertebrate group of invertebrates using molecular systematic approaches, preferably including bioinformatics tools; to curate and develop the Museum’s invertebrate collections; and to teach in the Museum and Field Studies and EBIO programs. The successful candidate will be expected to take a leadership position in advancing the role of the collection in preparing K-12 curricula and undergradaute students. Applicants must have a doctoral degree and strong research, curatorial, teaching, and mentoring credentials. Application materials must be submitted electronically at website: https://www.jobsatcu.com, Posting #89649, beginning October 13. The application package should include cover letter, curriculum vitae, representative publications, statements of research, teaching, and curatorial experience and vision, along with names and addresses of four references. Review of applications begins December 1, 2014. Contact e-mail: christy.mccain@colorado.edu. The University of Colorado is an Equal Opportunity/Affirmative Action Employer.

MOLECULAR TUMOR BIOLOGY

A POSTDOCTORAL POSITION is available to study novel molecular targets and signaling pathways in cancer cells and to develop therapeutic strategies in animal models. Recent Ph.D. with background and training in molecular biology and biochemistry, and animal procedures is desirable. Please send curriculum vitae and names of three references electronically to Usha Kasid, Ph.D., Professor, Georgetown University Medical Center, Washington DC 20067 (email: kasidu@georgetown.edu). An Equal Opportunity/Affirmative Action Employer.

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