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**Herrick Endowed Chair in Plant Science**  
Department of Biological Sciences

Kent State University seeks an internationally recognized biologist to fill the **Herrick Endowed Chair in Plant Science** in the Department of Biological Sciences. The successful candidate will join a growing department with a rich academic history in this field and a commitment to enhance research in plant biology. The successful candidate will possess a distinguished record of research scholarship and provide leadership for growth in plant sciences in the department. We especially seek applications from individuals who use modern approaches to address major questions in any field of plant biology, including but not limited to: genetics, genomics, ecology, evolution, conservation, physiology, cellular, developmental and molecular biology.

Candidates for the Herrick Endowed Chair should be exceptional mid-career scientists (currently Associate or Full Professor) with recognized potential for continued prominence in their field as evidenced by a strong record of publication, substantive and sustained record of extramural funding, and international recognition in the plant sciences. The Herrick Endowment supports a highly competitive salary and startup package.

Kent State University provides an outstanding academic environment for the study of plant science. Please visit our web pages for more detailed information about the Department of Biological Sciences (www.kent.edu/biology/) and the Herrick Endowed Chair (http://www.kent.edu/biology/careers/herrick/chair.cfm).

Applications, nominations and inquiries should be submitted by email to plantbiologychair@kent.edu or online at the above URL. Interested candidates should send a curriculum vitae, and a summary of qualifications and interest.

Further inquiries can be directed to:

**Chair, Herrick Endowed Chair Search Committee**  
Department of Biological Sciences  
Kent State University  
Kent, Ohio 44242  
Tel: 330-672-3614

Kent State University is an Affirmative Action/Equal Opportunity Employer and encourages applications from candidates who would enhance the diversity of the University's faculty.

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**THE UNIVERSITY OF ALABAMA AT BIRMINGHAM**

**2012 UAB Postdoc Recruitment Conference**  
October 29 – 31, University of Alabama at Birmingham

The UAB Postdoctoral Recruitment Conference is now accepting applications from senior graduate students actively searching for postdoc positions! Successful applicants will have the opportunity to:

- hear from outstanding scientists in residence at UAB  
- interview with faculty who are recruiting postdocs  
- meet informally with faculty and current postdocs who share their research interests  
- present their dissertation work during a poster session  
- learn about postdoc training programs and career development opportunities at UAB

Travel expenses up to $400, accommodations, meals, and entertainment will be provided to graduate students who are accepted to attend. **Applications are due August 15, 2012.** See the website [www.uab.edu/postdocs](http://www.uab.edu/postdocs) for more details and application procedure.

The University of Alabama at Birmingham is committed to the development and success of postdoctoral scientists which can lead exceptional candidates to entry level positions in academia, government or the private sector. At UAB, nearly 250 postdocs are training currently in a variety of disciplines, including but not limited to engineering, medicine, natural sciences and mathematics, public health, and optometry. Because of its commitment to the success of postdoctoral fellows, UAB ranks consistently as one of the top locations among US universities for training postdoctoral scholars.

Full medical coverage (single or family), competitive salaries/stipends, sick leave, vacation, AD&D, disability & life insurance and maternity/paternity leave are offered with every position. Depending on the source of funding, retirement benefits may also be available. Career opportunities that enhance and define the training experience for postdoctoral scholars include:

- Courses in Grant Writing, Lab Management, Translational Science, and Job Skills  
- Structured programs in teaching and business entrepreneurship  
- Awards for career enhancement, travel, grant incentives, and internships

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of ethnicity, gender, faith, gender identity and expression as well as sexual orientation. UAB also encourages applications from individuals with disabilities and veterans. A pre-employment background investigation is performed on candidates selected for employment.
ELIXIR, the distributed pan-European life sciences infrastructure for biological information, will collect, annotate, archive and make available to all, critical life sciences data which will enable Europe to collectively tackle some of the most pressing societal challenges. The founding of ELIXIR represents a major landmark as one of the few intergovernmental, European-scale research infrastructure projects to progress to implementation for significantly more than a decade.

EMBL-EBI, the world-leading bioinformatics centre in Hinxton near Cambridge, UK has coordinated the preparatory phase of ELIXIR and will be the location of the ELIXIR Hub and its Directorate. Therefore EMBL, on behalf of the ELIXIR Member States, is now seeking to recruit to the post of:

ELIXIR FOUNDING DIRECTOR

An outstanding individual is sought to be the ELIXIR Founding Director, reporting directly to the ELIXIR Board. This pivotal role, leading all aspects of the development of a world-class European research infrastructure, calls for a rare mix of skills spanning the scientific, technical, political and diplomatic arenas.

The ELIXIR Member States have identified the key responsibilities of the role as:

- Strategic leadership of the planning, technical implementation and operational development of the infrastructure
- Leadership of ELIXIR staff at the Hub
- Building strong and effective pan-European relationships with a broad range of stakeholders within and outside the infrastructure, including the ELIXIR Board, the Member States and their scientific institutions, the EU, national Ministries and funding bodies
- Leading the pan-European fundraising efforts for ELIXIR
- Monitoring, measuring and reporting on ELIXIR to the Board.

The ideal candidate must be able to demonstrate a track record of strategic vision, coupled with the organisational and managerial skills required to deliver a large and complex technical infrastructure.

S/he will ideally be a life sciences specialist with experience of the practical applications of bioinformatics, strong technical expertise and a track record in the field of data service delivery.

The challenging nature of the implementation of e-infrastructures calls for an individual who is by nature diplomatic, flexible, resilient and visionary, whilst possessing a high tolerance for fast-paced change.

To view a detailed job description, including key responsibilities, requirements and reporting structure for the role and details of how to apply online, please visit www.embl.org/jobs.

Closing date for applications: 1 July 2012

First-round panel interviews will be held at EMBL-EBI in Hinxton, UK on 14 August 2012.

EMBL is an inclusive, equal-opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

www.elixir-europe.org
www.ebi.ac.uk
The CNIC is dedicated to excellence in cardiovascular research and to translating new knowledge into real improvements in clinical practice. The scientific project of the centre has been structured in three areas:

- Cardiovascular Development and Repair Department (CDR)
- Vascular Biology and Inflammation Department (VBI)
- Epidemiology, Atherothrombosis and Imaging Department (EAI)

To be eligible, candidates must:

- Hold a PhD/MD degree
- Demonstrate a minimum of three years’ postdoctoral/post MD experience in centres of international reference
- Candidates must not have resided or carried out their main activity in Spain for more than twelve months in the last three years

The CNIC can offer you:

- A 3-year contract
- An internationally competitive salary
- Contribution to research and training
- State of the art infrastructure and latest generation of technological equipment
- Scientific-technical support and complementary training

Deadline for submission of proposals: 20 July 2012.

CNIC is an inclusive, equal opportunity employer, irrespective of nationality, ethnic origin, gender, marital or parental status, sexual orientation, creed, disability, age or political belief. Confidentiality is guaranteed throughout the selection process and all current regulations relating to the protection of personal data will be strictly adhered to.

For further information and applications, please visit www.cnic.es
Center for Genomic Science of IIT@SEMM

The Center for Genomic Science of IIT@SEMM (http://genomics.iit.it) located in Milan, Italy, is an outstation of the Istituto Italiano di Tecnologia. The Center benefits from state-of-the-art technological platforms including a high-throughput cell-based screening unit, next-generation DNA sequencing and others.

The following post-doctoral positions are available:

- **Pos. 1, 2** Cancer Biology: Genomic, epigenome and transcriptome dynamics in mouse tumor models; forward and reverse genetic screens for modifiers of tumor progression. The projects will involve work with animal models and advanced molecular/cellular biology. PIs: Stefano Campaner (Pos. 1), Bruno Amati (Pos. 2).
- **Pos. 3** microRNA biology: miRNA-mediated regulatory loops and gene expression mechanisms controlling stem cell self-renewal and fate specification in the mouse mammary gland. The project will involve isolation of mouse primary cells, FACS-based cell purification, organoid culture and transplantation. PI: Francesco Nicassio.
- **Pos. 4** Drug Development: Quantitative chemical proteomics applied to the identification of cellular proteins targeted by selected drugs. Collaborative project with the group of Dr. Tiziana Bonaldi at the European Institute of Oncology (IEO).
- **Pos. 5** Computational Biology: Development of pipelines for the automatic analysis and integration of different genome-wide datasets (RNA-seq, ChIP-seq, DNA methylation, long-range DNA interactions, mutational analysis); development of statistical and visualization tools. Familiarity with the Linux environment, programming skills (especially in R) will be advantageous; previous experience in genomics is not mandatory. PI: Bruno Amati; with computational supervision by Mattia Pelizzola and Marco Morelli.
- **Pos. 6** Computational Biology: Meta-analysis of somatic mutations in cancer with the goal of identifying driver mutations and specific mutation patterns. Proficiency in using Java/SE technology, mySQL databases, the Hibernate object relations management framework, statistics or grid computing will be advantageous. PI: Helko Wade.
- **Pos. 7** Computational Biology: Analysis of imaging data from genome-wide siRNA screens; bioinformatic analysis of an ubiquitin-dependent signaling pathway. Proficiency with statistics, programming (R, C++ or Python), automated image analysis or analysis of large datasets will be advantageous. PI: Mark Wad

The positions will be subject to Post-doctoral contracts and require a PhD degree with or without post-doctoral experience. Candidates should be proficient with the relevant methods and technologies. Applications should be e-mailed to positions_semm@iit.it and include a CV, the e-mail addresses of 3 referees and a short statement on professional skills and interests (1 page max). Candidates should indicate in the title to which of the above position(s) they are applying, and should ask three referees to send their reference letters directly to the same e-mail address. Selected candidates will be initially interviewed by Skype.

**Application deadline:** July 9, 2012

In order to comply with the Italian law (art. 23 of Privacy Law of the Italian Legislative Decree n. 196/2003), we kindly ask every candidate to provide his/her consent to allow IIT to process his/her personal data. We inform you that the information you provided will be used solely for the purpose of assessing your professional profile to meet the requirements of Istituto Italiano di Tecnologia. Your data will be processed by Istituto Italiano di Tecnologia, with headquarters in Genoa, via Morego, 30, acting as the Data Holder, using computer and paper based means, observing the rules on protection of personal data, including those relating to the security of data. Please also note that, pursuant to art. 7 of Legislative Decree 196/2003, you may exercise your rights at any time as a party concerned by contacting the Data Manager. The Italian Institute of Technology is an Equal Opportunity Employer that actively seeks diversity in the workforce.

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**SIU School of Medicine**

**Department of Medical Microbiology, Immunology, and Cell Biology (MMICB)**

3 Tenure Track Positions: Immunology, Microbial Pathogenesis, Cancer Biology

Southern Illinois University’s School of Medicine at Springfield invites applications for three tenure track faculty positions to join a supportive, interactive research environment within the MMICB (www.siumed.edu/mmi). Appointments will be at the rank of Assistant, Associate or Full Professor depending upon qualifications. The MMICB department has active research programs in areas including virology, neuroscience, reproductive immunology, developmental genetics, host responses to infection, and cancer biology with excellent records of extramural research funding from the NIH, DOD, etc. The Department’s graduate program is part of the integrated Molecular Biology, Microbiology and Biochemistry Program (46 participating faculty members) and the department hosts ~40 M.S. and Ph.D. students from the program. The Department occupies new and renovated laboratory space and shares a CDC certified BSL3 laboratory with the IL Department of Public Health.

For all three positions, we seek energetic scientists demonstrating strong commitments to teaching and research, collaborative potential, and an ability to bring novel expertise to the institution. Appointments are State-supported with competitive salaries and start up packages with modern laboratory facilities. Successful applicants will be expected to establish and maintain an independent, externally funded research programs and will contribute to both medical student and graduate education. Excellent written and verbal communication skills are required. Appointment at Associate or Full Professor levels will require current and sustained records of extramural research funding. Eligible candidates must possess Ph.D. and/or M.D. degrees, and 3+ years of postdoctoral research training with strong publication records. We seek scientists with research interests, expertise and medical relevance in the following areas:

- **Immunology:** molecular and cellular aspects of immune system function.
- **Microbial pathogenesis:** molecular and cellular mechanisms of infectious disease or microbial-host interactions that control disease outcomes.
- **Cancer biology:** basic and translational research to complement existing strengths in breast, prostate and colon cancer.

Applicants should submit a letter of interest addressing the position to which they are applying. Include a curriculum vitae with history of external funding, future research plans, statement of teaching interests and experience, and the names, addresses, telephone numbers and email addresses of at least three professional references in a single PDF to the email address below: Dr. Donald S. Torry, Chair, MMICB Search Committee, c/o: ttcasson@siumed.edu, P.O. Box 19626, Springfield, IL 62794-9626.

Review of applications will begin immediately and continue until the positions are filled.

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The Southern Illinois University School of Medicine is an equal opportunity, affirmative action employer. Background investigation required.
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

Announcement of Job Vacancy
Division on Earth and Life Studies
Executive Director

The National Research Council is actively seeking an Executive Director for the Division on Earth and Life Studies. This is a rare and challenging opportunity for an executive professional with experience drawn from a broad range of related disciplines in the geosciences and life and environmental sciences.

The Executive Director is responsible for the intellectual, strategic, managerial, and financial leadership of the Division on Earth and Life Studies, which is one of the five divisions of the National Research Council (NRC). The Executive Director establishes current and long-range objectives for the division, manages all aspects of the division’s activities and staff, works with individuals and organizations to secure financial support for the division’s programs and projects, oversees the recruitment and support of volunteer advisers for the division’s activities, and supports the institution’s leadership in management and policy making.

The NRC operates under the charter of the National Academy of Sciences (NAS), along with the National Academy of Engineering (NAE) and the Institute of Medicine (IOM). The four organizations share a common mission of providing information and advice to the government and the public on matters involving science, engineering, technology and health. The NRC is the chief operating arm of the NAS and the NAE. It has approximately 1000 employees and an annual program budget of approximately $300 million. More than 7000 volunteer advisers with scientific and technical expertise participate in its activities every year. The Division on Earth and Life Studies has approximately 120 employees and annual program expenditures of approximately $30 million. The Executive Director reports to the Executive Officer of the NRC.

QUALIFICATIONS:
• Ph.D. in a related field or equivalent knowledge with at least six years of scholarship, research, and professional experience in a related field, at least three of which are in an executive capacity involving program development and leadership and the management and supervision of technical, budget and administrative staff.
• Experience in managing externally funded research involving multiple projects and sponsors.
• Experience working in complex organizations with science, engineering or health missions.
• Broad competence and intellectual interest in diverse fields among the earth and life sciences, including experience in research and scholarship, preferably including interdisciplinary work.
• Excellent written, oral, public speaking, interpersonal, and organizational skills with a proven ability to effectively interact with employees at all levels, volunteer advisers, sponsors, and others.

For more information about this challenging career opportunity and to apply, please visit our website at http://national-academies.org. Under Careers, search our Current Opportunities by Department – Div on Earth & Life Studies – requisition number 120092-1.

(Recruitment for this position will continue until an outstanding candidate is identified. It is expected that the candidate selected will begin employment as the DELS Executive Director no later than January 2013.)

EOE, M/F/D/V
The University of Konstanz belongs to the universities in Germany whose “Future concepts for top-class research at universities” is promoted within the framework of the Excellence Initiative of the German federal and state governments. The Zukunftskolleg of the University of Konstanz is offering:

A. up to fifteen ZIF Marie Curie 2-year Postdoctoral Fellowships in any discipline represented at the University of Konstanz (Salary Scale 13 TV-L) for researchers in the early stage of their career, so as to enable them to develop and implement individual and independent research projects. Fellowships will begin on March 1, 2013, and end on February 28, 2015. Reference number 2012/110

B. up to eight ZIF Marie Curie 5-year Research Fellowships in any discipline represented at the University of Konstanz (Salary Scale 14 TV-L) for the development and implementation of individual research projects. Fellowships will begin on March 1, 2013, and end on February 28, 2018. Reference number 2012/111

C. up to five 5-year Research Fellowships in any discipline represented at the University of Konstanz (Salary Scale 14 TV-L) for the development and implementation of individual research projects. Fellowships will begin on March 1, 2013, and end on February 28, 2018. Reference number 2012/109

Applications should be submitted in English before August 26, 2012, to Zukunftskolleg@uni-konstanz.de with the respective reference number in the subject line of the e-mail. Contact: Anda Lohan LL.M e-mail: Anda.Lohan@uni-konstanz.de phone: +49 (0) 75 31/88-48 21 Detailed information is available on our website: http://www.zukunftskolleg.uni-konstanz.de

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**ANNOUNCEMENTS**

**Canadian Young Investigator Award**

The recipient of the 2012 Boehringer Ingelheim Canadian Young Investigator Award in Biological Sciences is:

**Sergio G. Peisajovich, Ph.D.**

Assistant Professor, Department of Cell and Systems Biology
University of Toronto
sergio.peisajovich@utoronto.ca

Dr. Peisajovich is an Assistant Professor in the Department of Cell and Systems Biology, at the University of Toronto. Dr. Peisajovich’s research focuses on understanding how mutations, ranging from amino acid substitutions to gene duplication and recombination, affect the function and evolution of signaling networks. In particular, he is investigating how mutations in proteins belonging to MAPK-mediated networks drive tumor growth. In addition, he is interested in understanding how protein networks evolve, with the ultimate goal of using this knowledge to engineer novel cellular behaviors.

The R&D division of Boehringer Ingelheim (Canada) Ltd./Ltee is one of Canada’s largest pharmaceutical research centres. One of our important corporate policies is to support and encourage basic research in Canadian universities. To this end, we have established the Boehringer Ingelheim Young Investigator Award in Biological Sciences. The award is made annually to a new faculty member conducting biological research in a Canadian university, and consists of an unrestricted three-year research grant.

**Previous recipients**

2011 Dr. Gavin Y. Ouahf, University of Alberta
2010 Dr. Brian K. Coombes, McMaster University
2009 Dr. Anthony Grammond, University of Toronto
2008 Dr. Marie Krupa, Université de Montréal
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 strategies you can use to pursue a nonresearch career.

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Science Careers
From the journal Science
AAAS

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