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**Science**



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**Science Careers**

From the journal *Science*



ScienceCareers.org

EBERHARD KARLS  
UNIVERSITÄT  
TÜBINGEN



WERNER REICHARDT CENTRE  
FOR INTEGRATIVE NEUROSCIENCE

Werner Reichardt Centre for Integrative Neuroscience (CIN) in Tübingen offers a

## Junior Research Group in Neurotechnology

The **Werner Reichardt Centre for Integrative Neuroscience (CIN)** is an interdisciplinary institution at the **Eberhard Karls University Tübingen** funded by the German Excellence Initiative program. The CIN strives to deepen our understanding of how the brain generates function and how brain diseases impair functions. It tries to make use of newly acquired insights to help people with brain disorders and to launch new mind- and brain-inspired applications in many areas of engineering and computer science. Its scientific program is guided by the conviction that progress in the understanding of brain function can only be achieved by an integrative approach spanning multiple levels of organization and pooling the knowledge of researchers from many different fields.

In order to strengthen research on technical applications the CIN offers a junior group leader (JRG) position with tenure track option for up-and-coming young scientists with a promising track record, working in different fields of **Neurotechnology**. This might include fields such as:

- Brain machine interfaces, brain computer interfaces and neurorobotics
- Technology for sensory or motor neuroprostheses
- Rehabilitation technology
- Brain-inspired user interfaces and computing technology

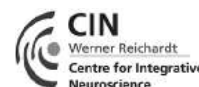
We welcome additional proposals in other fields of neurotechnology. The CIN strives to increase the number of female scientists. Therefore **qualified female candidates are explicitly encouraged to apply**.

### Framework:

The intended duration of the position is for 5 years with evaluations by external experts at regular intervals. In the event of positive evaluations after 3 years, the JRG will obtain a tenure track option, which may ultimately lead to a professorship at the University of Tübingen. Start-up funds as well as substantial funding for personnel and running costs will be available, but will depend on the applicant's qualifications and prior experience. Appointees will be full members of and active participants in the CIN, which will also provide laboratory and/or office space. The JRG leader will be provided with opportunities to contribute to research oriented training within the framework of the CIN Graduate Training Centre and the faculties involved in the CIN will provide opportunities for the German habilitation according to established rules, if desired. According to German law, severely disabled persons with equal occupational aptitude will be given preferential consideration.

### Application:

Applicants should submit a curriculum vitae, pdf files of up to 5 key publications, a statement of research achievements and future directions (not to exceed 3 pages) as well as the names and addresses of at least three referees. All documents should be submitted electronically to the Chairman of the Werner Reichardt Centre for Integrative Neuroscience Tübingen, Prof. Dr. Peter Thier, at [cin@uni-tuebingen.de](mailto:cin@uni-tuebingen.de). For further information on the CIN see: <http://www.cin.uni-tuebingen.de/>. **Submission deadline is 15.02.2013.**



EBERHARD KARLS  
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WERNER REICHARDT CENTRE  
FOR INTEGRATIVE NEUROSCIENCE

The Werner Reichardt Centre for Integrative Neuroscience (CIN) in Tübingen offers a

## Junior Research Group for Neuroscientists

The **Werner Reichardt Centre for Integrative Neuroscience (CIN)** is an interdisciplinary institution at the **Eberhard Karls University Tübingen** funded by the German Excellence Initiative program. The CIN strives to deepen our understanding of how the brain generates function and how brain diseases impair functions. It tries to make use of newly acquired insights to help people with brain disorders and to launch new mind- and brain-inspired applications in many areas of engineering and computer science. Its scientific program is guided by the conviction that progress in the understanding of brain function can only be achieved by an integrative approach spanning multiple levels of organization and pooling the knowledge of researchers from many different fields.

The CIN is offering a junior group leader (JRG) position with tenure track option for up-and-coming young scientists with a promising track record in any area of the neurosciences. Since the CIN strives to increase the number of women scientists, topics well represented by qualified female candidates will be preferred. Hence we explicitly encourage female candidates to apply. **Submission deadline is February 15<sup>th</sup>, 2013.**

### Framework:

The intended duration of the position is for 5 years with evaluations by external experts at regular intervals. In the event of positive evaluations after 3 years, the JRG will obtain a tenure track option, which may ultimately lead to a professorship at the University of Tübingen. Start-up funds as well as substantial funding for personnel and running costs will be available, but will depend on the applicant's qualifications and prior experience. Appointees will be full members of and active participants in the CIN, which will also provide laboratory and/or office space. The JRG leader will be provided with opportunities to contribute to research oriented training within the framework of the CIN Graduate Training Centre and the faculties involved in the CIN will provide opportunities for the German Habilitation according to established rules, if desired. According to German law, severely disabled persons with equal occupational aptitude will be given preferential consideration.

### Application:

Applicants should submit a curriculum vitae, pdf files of up to 5 key publications, a statement of research achievements and future directions (not to exceed 3 pages) as well as the names and addresses of at least three referees. All documents should be submitted electronically to the Chairman of the Werner Reichardt Centre for Integrative Neuroscience Tübingen, Prof. Dr. Peter Thier, at [cin@uni-tuebingen.de](mailto:cin@uni-tuebingen.de). For further information on the CIN see: <http://www.cin.uni-tuebingen.de/>.



EBERHARD KARLS  
UNIVERSITÄT  
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WERNER REICHARDT CENTRE  
FOR INTEGRATIVE NEUROSCIENCE

The **Werner Reichardt Centre for Integrative Neuroscience (CIN)** is an interdisciplinary institution at the **Eberhard Karls University Tübingen** funded by the German Excellence Initiative program. The CIN strives to deepen our understanding of how the brain generates function and how brain diseases impair functions. It tries to make use of newly acquired insights to help people with brain disorders and to launch new mind- and brain-inspired applications in many areas of engineering and computer science.

## W3-Professorship 'Systems Neurobiology' at the Werner Reichardt Centre for Integrative Neuroscience (CIN) in Tübingen

The new professor is expected to direct innovative research on subcortical systems and cortico-subcortical interactions. Possible, but not exclusive, research areas are the functional role of the basal ganglia, the spinal cord, the vestibular system or the cortical-subcortical underpinnings of motor control. Candidates for professorships should have a long-standing experience in interdisciplinary research in the respective area. The candidate should have a proven track record of international excellence and external grant funding and be willing to contribute to research oriented training in the neurosciences at University of Tübingen. The new CIN professor will be a member of the Faculty of Science (Department of Biology). The position is tenured.

According to German law, disabled persons with equal occupational aptitude will be given preferred consideration. The University of Tübingen and CIN strive to promote equal opportunities in science and is committed to increasing the percentage of female scientists in teaching and research. Qualified female candidates are strongly encouraged to apply.

Applicants should submit a curriculum vitae, pdf files of up to 5 key publications, statements of research achievements and future directions together by **February 26<sup>th</sup>, 2013** to the **Dean of the Faculty of Science, Prof. Dr. Wolfgang Rosenstiel, at [dekanat@mnf.uni-tuebingen.de](mailto:dekanat@mnf.uni-tuebingen.de)**.

For further information on the CIN see: <http://www.cin.uni-tuebingen.de/>



## Chair, Department of Neurobiology Yale University School of Medicine

Yale University School of Medicine announces a search for Chair of the Department of Neurobiology. This department, which was founded by Pasko Rakic in 1978, plays a key role in Yale's broader neuroscience community. The successful candidate will be expected to possess an outstanding academic record in research and education, together with demonstrated leadership ability. He/she must meet the requirements for appointment as a Full Professor at Yale. Interested candidates should send a curriculum vitae and bibliography, a brief statement of programmatic interests and goals, and a list of professional references prior to **March 15, 2013** either electronically (to [charlene.bloch@yale.edu](mailto:charlene.bloch@yale.edu)) or by mail to:

**Pietro DeCamilli**

**Chair, Neurobiology Search Committee  
c/o Charlene Bloch**

**Yale University School of Medicine,  
CNNR Program**

**295 Congress Ave, BCM 436D  
PO Box 9812**

**New Haven, CT 06536-0812**

*Yale University is an Equal Opportunity,  
Affirmative Action Employer. Minorities and  
women are encouraged to apply.*

THE UNIVERSITY OF HONG KONG



Founded in 1911, The University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. The University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and about 100 sub-divisions of studies and learning. There are over 23,400 undergraduate and postgraduate students coming from 50 countries, and more than 1,200 members of academic and academic-related staff.

### Teaching Consultant in Common Core Curriculum (Ref.: 201300007)

Applications are invited for appointment as Teaching Consultant in the Common Core Curriculum in the Faculty of Science, from as soon as possible, on a two-year fixed-term basis, with the possibility of renewal.

The University has established a Common Core Curriculum for all undergraduates since September 2012. The Faculty of Science offers courses in the area of Scientific and Technology Literacy to students from all ten Faculties. A senior Professor in the Faculty of Science will lead the teaching of these courses and work with the Teaching Consultants in the relevant area who will serve primarily as a tutor for small groups of students from multiple disciplines. The medium of instruction is English. Information about the Common Core Curriculum can be viewed at <http://tl.hku.hk/common-core-curriculum>.

Applicants should have a Master's degree, preferably in Physical Sciences and have substantial teaching experience in subjects related to general education at the university level. Those with a Ph.D. degree would have an advantage. The appointee's duties include conducting small-group tutorials for two courses per semester, marking assignments/examination scripts, preparing teaching materials, supervising student work, developing new courses, and undertaking other tasks related to science education. He/She will meet regularly with the Centre for the Enhancement of Teaching and Learning to reflect on and refine the teaching activities in Common Core courses.

A globally competitive remuneration package commensurate with the appointee's qualifications and experience will be offered. At current rates, salaries tax does not exceed 15% of gross income. The appointment will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary, as well as leave, and medical benefits. Housing benefits will be provided as applicable. Please note that the University is not able to offer a relocation assistance package (including temporary University housing accommodation and a passage and baggage allowance) to a successful candidate recruited from overseas.

For enquiries about the specific job requirements, please write to Professor Sun Kwok, Dean of Science (e-mail: [deansci@hku.hk](mailto:deansci@hku.hk)). Applicants should send a completed application form, together with an up-to-date C.V. and a statement on teaching philosophy, which includes a portfolio of syllabi and descriptions of courses they have taught or co-taught by e-mail to [sciapt@hku.hk](mailto:sciapt@hku.hk). They should also arrange for submission of three references from senior academics who are familiar with their teaching approaches, skills and experience. Please indicate clearly "Ref.: 201300007 (Teaching Consultant in Common Core Curriculum)" in the subject of the email. Application forms (341/1111) can be obtained at <http://www.hku.hk/apptunit/form-ext.doc>. Further particulars can be obtained at <http://jobs.hku.hk/>. **Closes March 31, 2013.**

The University thanks applicants for their interest, but advises that only shortlisted applicants will be notified of the application result.

The University is an equal opportunity employer and is committed to a No-Smoking Policy

# UC DAVIS

The **Department of Animal Science** at the **University of California, Davis** seeks applicants for an **Assistant Professor** in ruminant nutrition preferably with emphasis in anaerobic microbiology. The preferred appointee will be expected to establish a competitively-funded research program focused in the area of nutrient use for production and utilizing, and where appropriate the importance of rumen microbiology in this process. The emphasis will be on enhancing efficiency of food production, nutrient retention, and qualities of human food products and the effect of the gut microbiome population and/or function in this system. A component of the research conducted by the successful candidate should be readily applicable so that research endeavors are directly relevant to food producing animal systems. The successful candidate will also be expected to develop effective collaborative partnerships with other scientists working in ruminant systems where ruminant nutrition and/or microbiology are integral to the outcome response.

Understanding and creative research in the area of nutrient use is a necessary precursor to understanding how to reduce undesirable emissions from livestock production facilities. Research projects in nutrient utilization and rumen microbiology as related to feed and byproduct utilization are critical. Such knowledge enables the creation of management approaches to reduce the environmental impact of animal production systems and improve food safety while maximizing animal based food production.

The appointee will be expected to develop a national and international research program that contributes to maintaining the competitive edge of the dairy industry, California's number one agricultural commodity while reducing the environmental impact. The appointee will contribute to the Animal Science curriculum including teaching undergraduate courses in nutrition and/or biochemistry, as assigned by the department chair. Mentoring of graduate students, undergraduate student advising, and contributing to Departmental and University service is expected. This is an academic year (9-month) tenure track assistant professor position that includes an expectation to conduct mission-oriented research and outreach relevant to the California Agricultural Experiment Station and in support of the economic viability of California's animal industries.

For more information and to apply please visit <https://recruit.ucdavis.edu/apply/JPF00045>



深圳大学

### Opening positions for full-time distinguished professors and lecturers

Shenzhen University (SZU) invites applications for full-time Distinguished Professor and lecturer positions for highly qualified candidates with special expertise in one of the following academic areas.

#### The University

The university is located in Shenzhen; a big city of over 8 million people in Southern China's Guangdong Province and directly adjacent to Hong Kong. Shenzhen is China's first Special Economic Zone, is well known for its economic, scientific and technological innovation, and is one of China's most advanced and prosperous cities. Shenzhen University was founded in 1983 and has been at the forefront and a central participant in the city's rapid development.

Shenzhen University consists of twenty-six colleges with a total enrollment over thirty-thousand undergraduate and graduate students. The university is highly committed to quality education and applied research across a number of fields important to the future development. We are aggressively seeking highly qualified international scholars to join us as we continue towards our mission of becoming a top-class research institution in China.

#### Areas of Interest for distinguished professors and lecturers

**Economics, Law , Literature, Science, Engineering, Medicine, Management, Art**

#### A. Distinguished professor

##### Qualifications

1. Candidates must have an earned doctorate in a closely related discipline with a track record of extraordinary accomplishment in teaching, research/scholarship, and professional service, judged by peers to be outstanding;
2. They should have at least associate-professor or above academic experience in world-renowned universities;
3. They should have been recognized nationally or internationally for the importance of their achievements and are expected to bring distinction to SZU and serve as a key contributor to achieving its strategic goal of becoming a World-Class university.
4. They should have strong research capability and great potential to become academic leader whose vision anticipates the development tendency of their field.
5. They should have a strong organizing and communicating ability to lead their research team to reach world-class level.

##### Salary/Benefits

Salary and benefits are very competitive; yearly salary starting from 100,000 to 200,000 US dollars and will be commensurate with qualifications and experience.

#### B. Lecturers (equivalent to the rank of Assistant Professor)

##### Qualifications

1. Candidates must have an earned doctorate in a closely related discipline;
2. Strong ability to conduct independent research and publish on peer-reviewed professional journals;
3. Fluent in communication with working language (Chinese and/or English) for teaching and research;
4. Satisfy the basic requirement on legal residence and work authorization (by the Chinese government) .

##### Salary/Benefits for Lecturer

Salary and benefits are competitive; and commensurate with qualifications and experience.

##### To Apply

Interested candidates should submit all application documents to the contacts below or submit all information to <http://szuhr.szu.edu.cn>. For more information please visit <http://www.szu.edu.cn/szu2007/indexe.asp>

**Contact: Mr. Renqiang (szursc@sina.cn , 0086-755-26535295)  
Ms. Yun LI (liyun@szu.edu.cn, 0086-755-26536111)**

**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

## Conducting research and teaching in an inspiring environment at one of the world's leading universities

ETH Zurich invites applications for new professorships.



[www.facultyaffairs.ethz.ch](http://www.facultyaffairs.ethz.ch)

ETH Zurich has come to symbolise excellent education, groundbreaking basic research and applied results that are beneficial for society as a whole. Founded in 1855, ETH Zurich has more than 17,000 students from approximately 80 countries, 3,700 of whom are doctoral candidates. Today, it offers researchers an inspiring environment and students a comprehensive education as one of the world's leading universities for technology and the natural sciences.

ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, **we specifically encourage women to apply**. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer.



## Staff Scientist in Molecular Genetics

Research Triangle Park, North Carolina

The Laboratory of Molecular Carcinogenesis of the Division of Intramural Research is seeking a Staff Scientist in the Mammalian Genome Group to join a state-of-the-art molecular genetics research laboratory focused on studying the genetics and epigenetics associated with environmental exposures. The group utilizes next-gen whole-genome experimental approaches, including massively parallel genome/exon sequencing, RNA-seq, and ChIP-seq approaches, to better understand the molecular basis of complex traits.

**Qualifications** of the ideal candidate will include a PhD, MD, MD/PhD or equivalent with at least 5 years of experience (post doctorate) successfully conducting basic research in a cutting-edge molecular genetics laboratory with a demonstrated track record of productivity through publication in the peer-reviewed literature. Promising candidates with less experience will also be considered. The successful candidate will have good personnel management skills and be supportive of collaborative research. Expertise with a broad range of techniques in molecular and stem cell biology would be highly desirable, including massively parallel DNA sequencing, transcriptome analysis, genomic and cDNA molecular cloning and characterization, and culturing/characterization of ES/iPS cells. Specific knowledge and experience with the Collaborative Cross/Diversity Outcross or similar resources would be beneficial.

**To apply**, submit a Curriculum Vitae, brief statement of research experience and interests, and the names and addresses (including e-mail addresses and phone numbers) of three references to [dir-appls@niehs.nih.gov](mailto:dir-appls@niehs.nih.gov) or the below mailing address **by March 15, 2013**. Review of applications will begin immediately and continue until the position is filled. Salary is commensurate with level of experience. For additional information about this position, contact Dr. Rick Woychik, Deputy Director, NIEHS ([rick.woychik@niehs.nih.gov](mailto:rick.woychik@niehs.nih.gov)).

Ms. Emily Starnes (Vacancy Number DIR 13-02)  
Intramural Program Specialist  
National Institutes of Health  
National Institute of Environmental Health Sciences  
P.O. Box 12233, Maildrop A2-06  
Research Triangle Park, NC 27709  
Email: [dir-appls@niehs.nih.gov](mailto:dir-appls@niehs.nih.gov)



DHHS and NIH are Equal Opportunity Employers  
We are dedicated to building a diverse community  
in our training and employment programs.

## Prototyping Staff Scientist / Engineer

As a Staff Scientist in the newly opened Joint Center for Artificial Photosynthesis (JCAP), this position will assume major responsibility for the activities of the Prototyping and Scale-Up Project (Prototyping). JCAP is a Solar Fuels Innovation Hub recently funded by the Department of Energy (\$122M, 5 years) with physical locations at Caltech (JCAP-South) and LBNL (JCAP-North). Members of the Prototyping team design, develop, build and test fully integrated macroscale system prototypes that capture all of the critical-length scales and phenomena of importance for device operation, such as fluid flows, feedstock input and output streams, optical input paths, mechanical system properties, and physical form factors. This team also plays a central role in designing and developing highly efficient and durable components. The position offers a unique opportunity for an experienced engineer/researcher to assume a key role in the development and demonstration of a scalably manufacturable solar-fuels generator.

### Position Qualifications:

- Ph.D. in engineering, physical science or similar experimental field.
- Post-Ph.D. experience in electrochemically or photochemically driven processes; industrial experience a plus.
- Demonstrated record of accomplishment in product development and/or production practice.
- Publications in appropriate scientific/technical journals.
- General knowledge of prototyping methods for electrochemical devices and systems.
- Excellent written and verbal communication skills.
- Demonstrated ability to guide and train technical support staff and work with students and postdoctoral fellows of multiple scientific backgrounds.
- Excellent interpersonal skills.
- Experience in developing strong working relationships and collaborating across an organization.

For a detailed position description and instructions regarding how to apply, please visit [www.lbl.gov](http://www.lbl.gov), access the careers page and reference **job number 75472**.



Berkeley Lab is an affirmative action/equal opportunity employer committed to the development of a diverse workforce.



UNIVERSITY OF COPENHAGEN

**Center of Macroecology, Evolution and Climate**  
Natural History Museum of Denmark and Department of  
Biology  
University of Copenhagen

**Faculty Professor and Associate Professor positions  
&  
Fixed-term postdoc and Assistant Professor positions**  
*in*

Biogeography, Phylogeography, Macroecology,  
Macroevolution and Community Ecology

We seek international competitive candidates with a strong publication record at the level of position interested in. We expect strong analytical and data handling skills and the ability to communicate within a cross-disciplinary research center. Competitive salaries are offered.

For full description of the individual positions see [www.bio.ku.dk](http://www.bio.ku.dk) or [www.employment.ku.dk](http://www.employment.ku.dk).

Inquiries can be made to Professor Carsten Rahbek, e-mail: [crabek@bio.ku.dk](mailto:crabek@bio.ku.dk).

The center (<http://macroecology.ku.dk/>) is a long-term funded *center of excellence* with a cross-disciplinary research program addressing fundamental questions on the origin, maintenance, conservation and future of life and biological diversity on Earth. Researchers at the center currently represent 14 nationalities and the working language is English.

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**jobs.ornl.gov**

The Neutron Sciences Directorate (NSCd) at Oak Ridge National Laboratory (ORNL) invites applications for the position of Deputy Associate Laboratory Director. The NSCd at ORNL operates the High Flux Isotope Reactor (HFIR), the United States' highest flux reactor-based neutron source, and the Spallation Neutron Source (SNS), the world's most intense pulsed accelerator-based neutron source. Together these facilities operate 24 instruments for neutron scattering research, each year carrying out in excess of 1,000 experiments in the physical, chemical, materials, biological, and medical sciences for more than 3,000 visiting scientists. HFIR also provides unique facilities for isotope production and neutron irradiation. To learn more about Neutron Sciences at ORNL go to: [neutrons.ornl.gov](http://neutrons.ornl.gov).

The Deputy Associate Laboratory Director (ALD) supports the Associate Laboratory Director to develop and direct the scientific user and instrument and neutron source development programs at SNS and HFIR and help set the strategic scientific direction to meet the community needs of the future. The Deputy ALD serves as the acting ALD in the ALD's absence.

For a complete description and to apply online see [jobs.ornl.gov](http://jobs.ornl.gov). Applications must be received by March 31st, 2013.



U.S. DEPARTMENT OF  
**ENERGY**  
Office of Science



13-G00011/gim



## HARVARD

School of Engineering and Applied Sciences

The Disease Biophysics Group at Harvard University invites applications for a number of Postdoctoral Fellow positions open for projects pertaining to building microscale models of diseased organs. The project requires the assembly of engineered, human microtissues in microfluidic devices that can be interrogated for the genetic, morphological and functional indicators of health, disease, and injury.



The Disease Biophysics Group is a multidisciplinary research group based in the Harvard School of Engineering and Applied Sciences, the Wyss Institute for Biologically-Inspired Engineering, and the Harvard Stem Cell Institute.

Candidates with experience in neuronal cell biology, striated and smooth muscle tissue engineering, the cardiac valves, and experimental models of diabetes are encouraged to apply. Applicants are expected to hold a doctoral degree in engineering, physiology, or cell biology and have a proven record of high quality publications. For further information about The Disease Biophysics Group and its activities, see <http://diseasebiophysics.seas.harvard.edu/>.

**Application Procedure:** The application will be assembled as single pdf file: cover letter describing research interests and goals, CV, research statement, a full list of publications and up to three examples of first author papers, and a list of no less than three references with contact information. Please note that all requirements for the doctoral degree must be completed prior to the start date. The application should be sent to: [dbg-postdoc@seas.harvard.edu](mailto:dbg-postdoc@seas.harvard.edu). Full consideration will be given to all applications received by **February 15, 2013**; applications received thereafter will be considered until the positions are filled.

*Harvard University is an Equal Opportunity Employer. Women and underrepresented minorities are particularly encouraged to apply.*

**It's not because we all wear white coats  
that we all do the same job**

**David**  
Bioinformatician

**John**  
Geneticist

**Carole**  
Biologist

## INRA IS RECRUITING 41 SCIENTISTS

**First agricultural institute in Europe and second in the world, the French National Institute for Agricultural Research is recruiting in the following domains:** • agronomy and ecology of landscapes • community ecology • economics • animal health economics • quantitative genetics and genomics • process engineering, physics and soils chemistry • mathematics and modeling • modeling in cell biology and biology of organisms • nutrition and physiology • veterinary sciences and immunology • sociology and organizational sciences.

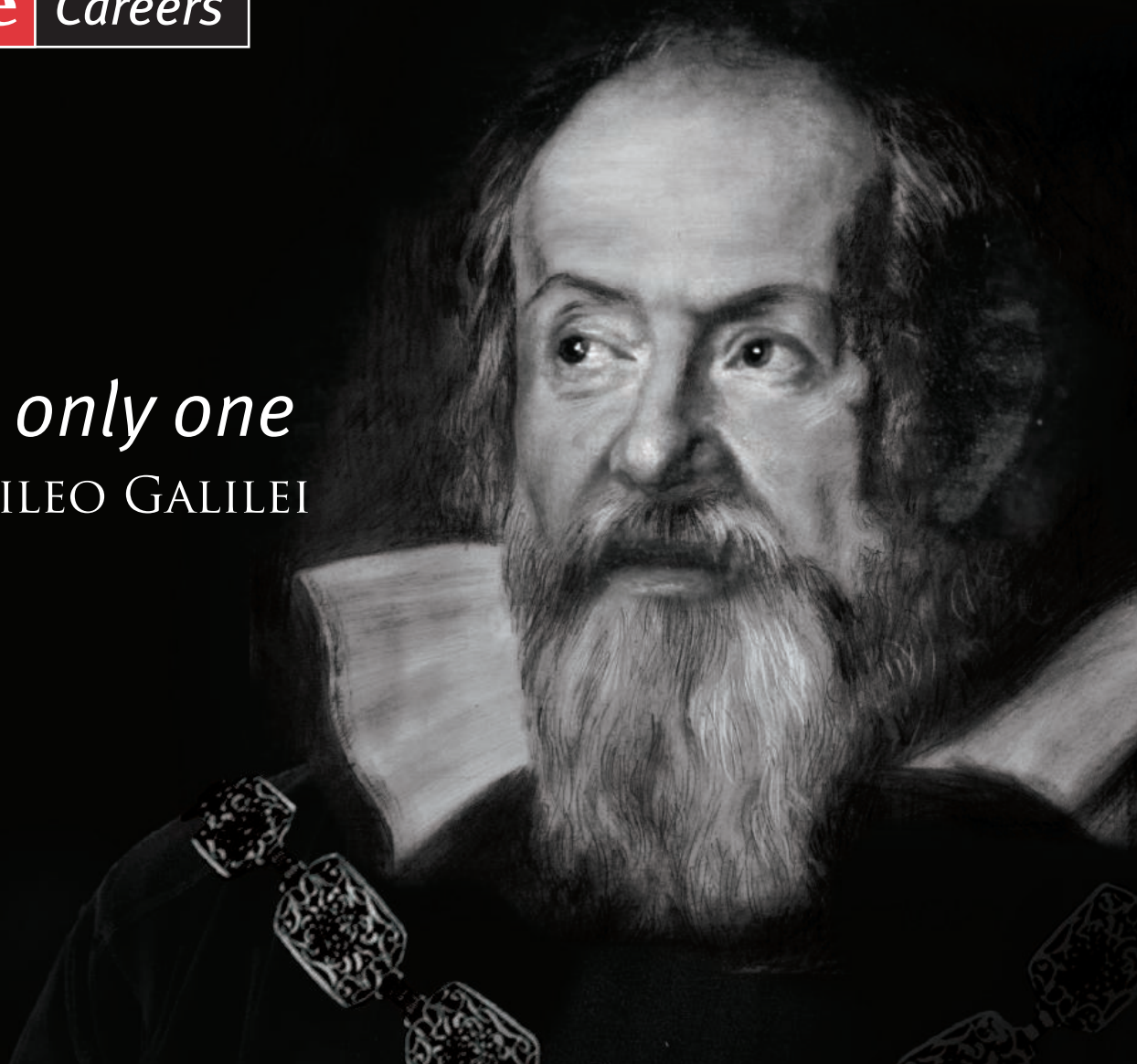


**Applications until 28 February 2013**  
on [jobs.inra.fr](http://jobs.inra.fr)



orc.fr - Crédit photo : Corbis

# *There's only one* GALILEO GALILEI



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

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

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



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## CONFERENCE

### 5th International Conference on Phospholipase A2 Mediated Signaling in Translational Medicine

LSUHSC Neuroscience Center of Excellence,  
New Orleans, LA, USA  
May 20-21, 2013

**Organizer: Nicolas G. Bazan**

*Selected abstracts for posters will be chosen for oral presentation.*

**Register early limited spaces available**  
[www.PLA2-LSU.org](http://www.PLA2-LSU.org)

#### Award Lectures:

*LSUHSC Chancellor's Award Lecture*  
**Edward Dennis,**  
San Diego, CA

*Journal of Lipid Research Lectureship*  
**Charles N. Serhan,**  
Boston, MA

*Lifetime Achievement Award Lecture*  
**Takao Shimizu,**  
Tokyo, Japan

*LSUHSC Dean's Award Lecture*  
**Jesper Z. Haeggstrom,**  
Stockholm, Sweden

*Innovator Award Lecture*  
**Robert Murphy,**  
Denver, CO

*Neuroscience Center of Excellence Award Lecture*  
**G  rard Lambeau,**  
Nice-Sophia Antopolis, France

## FACULTY POSITIONS

### Neuroscience NYU SHANGHAI

New York University Shanghai invites applications for several assistant (tenure-track), associate (tenured), and full professor (tenured) positions from candidates with research programs in systems, computational and cognitive neuroscience. The search is part of a major effort to establish a new Institute of Brain and Behavior at NYU Shanghai, with research areas that include computational modeling of neural circuits, investigations of neural circuit function, and human cognition.

Candidates must have completed a Ph.D. or equivalent by the time of application. The successful candidates will be expected to develop an independent, extramurally-funded research program, and to teach and otherwise contribute to the educational mission of NYU Shanghai. The search will remain open until the positions are filled, but review of applications is currently underway. The appointment could begin as soon as August 1, 2013, pending administrative and budgetary approval, or could be delayed until August 1, 2014.

NYU Shanghai is the first Sino-US higher education joint venture to grant a degree that is accredited in the US as well as in China. A research university with liberal arts and sciences at its core, it resides in one of the world's great cities, which is also a vibrant intellectual community (<http://shanghai.nyu.edu/>). NYU Shanghai will recruit scholars who are committed to our global vision of transformative teaching and innovative research.

New York University has established itself as a Global Network University, with three degree granting campuses - New York, Shanghai, and Abu Dhabi - complemented by 12 additional academic centers across five continents. Faculty and students circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.

The terms of employment in NYU Shanghai are comparable to U.S. institutions. Faculty may also spend time at NYU New York and other sites of the global network, engaging in both research and teaching opportunities. Tenure/tenure-track faculty will also be affiliated with the New York University Center for Neural Science, the Neuroscience Institute of the NYU School of Medicine, and/or with other suitable academic units at NYU New York.

Applicants should submit a curriculum vitae, a statement of research and teaching interests, electronic copies of up to five recent relevant publications, and the names and addresses of three or more individuals willing to provide letters of reference. Please visit our website at <http://shanghai.nyu.edu/about/open-positions> for instructions and other information on how to apply. If you have any questions, please e-mail [shanghai.faculty.recruitment@nyu.edu](mailto:shanghai.faculty.recruitment@nyu.edu).

NYU Shanghai is an Equal Opportunity/Affirmative Action Employer.



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### EXECUTIVE DIRECTOR, Center for AIDS Health Disparities Research

Located in Nashville, Tennessee, Meharry Medical College is the largest private, historically black institution exclusively dedicated to educating biomedical scientists and health care professionals in the United States. The institution is composed of the Schools of Dentistry, Graduate Studies and Research, and Medicine. The screening of applications is ongoing and **the position will be filled by March 2013**. Salary is negotiable and the academic appointment will be commensurate with the individual's credentials and experience. Meharry Medical College and Vanderbilt University have a long-established affiliation, the Meharry-Vanderbilt Alliance (<http://www.meharry-vanderbilt.org/>), and Meharry faculty members can hold a secondary appointment at Vanderbilt.

Meharry Medical College is seeking a skilled, experienced research scientist to serve as Endowed Professor and Executive Director of the Center for AIDS Health Disparities Research (CAHDR). The CAHDR is reducing the burden of AIDS in local minority communities through basic, clinical, and translational research with community partnerships. The CAHDR has three major areas of focus including biology, behavioral, and community outreach. Center faculty members are extramurally funded to study new mechanisms of HIV infection, pathogenesis, immunity, and development of novel means for intervention. The CAHDR occupies ample space in a renovated area with outstanding laboratories, research equipment, a BSL-3 lab, and other core facilities.

The CAHDR faculty members are also integral members of the Vanderbilt-Meharry Center for AIDS Research (CFAR). They collaborate and work closely together with researchers in multiple disciplines on both campuses. The CFAR offers core services such as pilot project funding, biostatistical support, a clinical data and specimen repository, and BSL-3 cell sorting. The successful applicants will have a record of substantial and continuous extramural funding and scholarly productivity. Administrative and budget management experience in an academic setting is desirable. Applicants should hold an M.D., Ph.D., or M.D./Ph.D. degree. Interested individuals should submit a letter of interest summarizing their qualifications, along with CV and contact information for three references to:

**Charles P. Mouton, MD, MS**  
Senior Vice President for Health Affairs  
Dean, School of Medicine  
Meharry Medical College  
1005 Dr. D.B. Todd, Jr. Boulevard  
Nashville, Tennessee 37208  
Email: [cmouton@mmc.edu](mailto:cmouton@mmc.edu)  
(615) 327-6204



## AAAS is here – promoting universal science literacy.

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## POSITIONS OPEN

### ASSISTANT/ASSOCIATE PROFESSORS College of Medicine Department of Biomedical Sciences

The Department of Biomedical Sciences at the James H. Quillen College of Medicine at East Tennessee State University invites applications for two tenure-track faculty positions. The department is seeking a candidate with a nationally competitive research program in Neuroscience, and a similarly qualified candidate in Microbiology and/or Immunology. Successful applicants will join established research groups focused on pathology of neurological and psychiatric disorders, neural remodeling in cardiovascular disease, demonstrated ability to teach neuroanatomy (neuroscience position) or microbiology/immunology is desired because responsibilities will include teaching medical and graduate students. Applicants must have a Ph.D., M.D., and/or D.V.M. and postdoctoral research training, a strong record of research productivity and preferably a nationally funded research program. Appointments will be commensurate with qualifications and experience. Successful applicants will be provided competitive salaries and startup packages. East Tennessee State University ([website: http://www.etsu.edu](http://www.etsu.edu)) is located in one of the nation's most beautiful regions, just north of the Great Smoky Mountain National Park. Johnson City has a moderate cost of living and highly ranked public schools. Applicants should submit an ETSU application through eJobs ([website: https://jobs.etsu.edu](https://jobs.etsu.edu)) including curriculum vitae, brief statement of current and future research goals, and names and addresses of three references. Review of applications will begin on January 1, 2013 and will continue until positions are filled. *Equal Opportunity/Affirmative Action Employer.*

The Illinois Natural History Survey (INHS) is soliciting applications for a two-year postdoctoral **RESEARCH ASSOCIATE**. Scientists whose research interests fit within those of the INHS are encouraged to apply. A salary of \$42,000 per year with benefits is provided, as well as a \$5,000/year research stipend. Applicants should submit a curriculum vitae and Research Proposal (RP). The RP is limited to three pages, not including references, and should address the research plan proposed for the two-year postdoctoral position. Applicants should identify and contact a research sponsor at the INHS ([website: http://www.inhs.illinois.edu/opportunities/postdocsponsors/list/](http://www.inhs.illinois.edu/opportunities/postdocsponsors/list/)) in advance of the application deadline, who is willing to host the postdoctoral Associate and provide a letter of support. Preference will be given to applicants who can develop a strong research plan that merits additional and continued external funding. Research plans that build on existing INHS research strengths by adding new directions or new analytical techniques are encouraged.

Applicants should have completed a Ph.D. by the start date of the position (expected before December 31, 2013) and within the last five years. In addition to the RP, host support letter, and curriculum vitae, applicants should arrange for two letters of recommendation to be sent. Applications must be sent electronically to **e-mail: hroffice@inhs.illinois.edu** by March 15, 2013. *Illinois is an Affirmative Action/Equal Opportunity Employer. Website: <http://www.inclusivelillinois.illinois.edu>.*

### SYSTEMS BIOMEDICINE SHANGHAI JIAO TONG UNIVERSITY

**FACULTY POSITIONS** are available at Shanghai Center of Systems Biomedicine (SCSB) at Shanghai Jiao Tong University at all ranks ([website: http://scsb.sjtu.edu.cn/news/showDetail.aspx?id=225](http://scsb.sjtu.edu.cn/news/showDetail.aspx?id=225)). Candidates should have a Ph.D. or M.D. and an excellent research record in the following areas (nonexclusive): cancer, metabolic diseases, immunology, bioinformatics, molecular cell biology, metabolomics, synthetic biology, animal models, biomarkers and drug discovery and regenerative medicine. Those qualified for the "QianRen Plan" or "Chang Jiang Scholarship" are particularly welcome. Salary and startup are competitive. Up to 15 are expected to be filled as soon as possible. Applicants should send a full curriculum vitae, research plan, and a list of three to five references to **Professor Bingya Liu**, associate dean (**e-mail: liubyjr@yahoo.com.cn**), preferably before January 31, 2013.

## POSITIONS OPEN

### ASSISTANT/ASSOCIATE PROFESSOR Department of Pharmaceutical Sciences

The College of Pharmacy, Washington State University (WSU) on Riverpoint campus in Spokane, invites applications for a full-time, tenure-track faculty position at the rank of Assistant or Associate Professor (commensurate with experience) in the Department of Pharmaceutical Sciences. Applicants must have an advanced degree (M.D., Pharm.D., or Ph.D. in Pharmacology, Pharmaceutical Sciences, or a related discipline) before date of hire. The Assistant Professor candidate must possess a track record of accomplishment to demonstrate the potential to become an outstanding scholar and educator. Associate Professor candidates must possess a track record of accomplishment demonstrating he/she as an outstanding scholar and educator with an active, nationally recognized, extramurally funded, research program. Preference will be given to applicants who have a demonstrated ability to teach pharmacogenetics and genomics at the graduate level. The successful candidate will be expected to maintain an active, extramurally funded research program in the general area of pharmacogenetics and genomics, to mentor graduate students and fellows, and to teach in the professional and graduate curricula.

Screening of applications will begin January 16, 2013 and will continue until a suitable candidate is identified. To apply and see complete position description visit **website: <http://www.wsujobs.com>.**

*WSU is an Equal Opportunity/Affirmative Action/ADA Educator and Employer.*

### ACADEMIC NEUROINTENSIVIST

The Department of Neurology at Columbia University Medical Center seeks a neurologist with specialty training in neurointensive care for a tenure-track faculty position at the **ASSISTANT PROFESSOR** level. The candidate will join three neurointensivists in the Neurocritical Program, headed by **Dr. Stephan Mayer**, and share attending responsibilities in a state-of-the-art 18-bed neuro-ICU equipped with dedicated CT and 3.0 Tesla MR scanners and EEG and multimodality neuromonitoring capability in every room. Teaching responsibilities include the instruction of nurses and physician assistants; neurology, neurosurgery, and emergency medicine residents; and seven neurocritical care fellows. Applicants with credible potential for or a track record of success in obtaining peer-reviewed funding will be given preference. Substantial protected time for research, teaching, and administrative responsibilities will be provided. Send curriculum vitae, the names of three references, and a brief letter describing your career goals to **Laura Lennihan, M.D., Chair, Neurocritical Care Search Committee; e-mail: ll18@columbia.edu**. Please apply at **website: <https://academicjobs.columbia.edu/applicants/Central?quickFind=57277>**. *Columbia University is an Affirmative Action/Equal Opportunity Employer.*

### RESEARCH GRANTS MANAGER

Applications are invited for the position of Research Grants Manager. Ph.D. in any Biomedical Sciences or related discipline required. The candidate will be responsible for grant and manuscript writing, progress report preparation, and obtaining approvals from regulatory boards. Submit application to: **Department of Pathology, Microbiology and Immunology, University of South Carolina, School of Medicine, Columbia, SC 29208 (e-mail: [grantsmgrapps@uscmcd.sc.edu](mailto:grantsmgrapps@uscmcd.sc.edu))**. *Affirmative Action/Equal Opportunity Employer.*

## POSITIONS OPEN

### FACULTY POSITION in Ecology and Evolutionary Biology

**Ecology and Evolutionary Biology:** The University of California, Irvine (UCI), Department of Ecology and Evolutionary Biology and the Center for Environmental Biology seek to fill a tenure-track **ASSISTANT PROFESSOR** position. We seek candidates who bring ecological or evolutionary perspectives to issues of global change, conservation, and sustainability and will complement our existing strengths. Possible areas of specialization for the position include (but are not limited to) physiological ecology, population ecology/genomics, conservation genetics, community ecology, restoration ecology, ecosystem ecology, ecophysiology, biogeography, macroecology and global change biology of terrestrial, aquatic, or marine systems. We are interested in candidates who may utilize either experimental, synthetic, or computational techniques. Successful candidates will be expected to contribute to the undergraduate and graduate curriculum in ecology and evolutionary biology.

Review of applications will begin on March 15, 2013 and continue until the position is filled. Applicants should submit curriculum vitae, a research description, and a statement of teaching philosophy. In addition, applicants should arrange for three letters from references to be submitted. Applicants should use the following online recruitment **website: <https://recruit.ap.uci.edu/apply/JPF01885>**.

*UCI is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities. UCI is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of family-friendly policies, and is the recipient of an NSF ADVANCE Award for gender equity.*

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