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**Prince Albert II de Monaco - Institut Pasteur Award 2015**

The Institut Pasteur, the Monaco Scientific Center and the Prince Albert II of Monaco Foundation are pleased to invite applications for the “Prince Albert II of Monaco - Institut Pasteur” Award 2015.

This award will be given to an investigator in the field of:

**“Environmental and climatic changes: impacts on Human Health”**

The Award will honor an investigator under fifty years old who has made outstanding contributions to the field. The honoree will receive a 40,000 Euros award for his team. Candidates from all relevant disciplines (ecological, biomedical, and social sciences) are invited to submit their applications, which will be evaluated by a Jury of renowned scientific experts.

The dossier should include:

- a one-page letter written by the nominee describing the importance of his/her contribution to the field of “Environmental and climatic changes and their impacts on Human Health”
- a curriculum vitae
- a list of scientific publications and/or books
- a one-page outline of her/his plans for future research
- two letters of support

All applications must be submitted in English.

The deadline for submitting nominations is **March 30th, 2015**. All files should only be sent in electronic format, as a single pdf file to: award@ec2h-monaco.org and award-monaco-pasteur@pasteur.fr

To learn more please visit: [http://www.ec2h-monaco.org/en and www.pasteur-international.org](http://www.ec2h-monaco.org/en and www.pasteur-international.org)

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**EMPIRE SCHOLAR in NEUROSCIENCE**

SUNY Upstate Medical University seeks a neuroscientist at the Associate/Full Professor level to fill a tenured position as part of the New York State Empire Innovator Program, which aims to expand the ranks of world-class faculty in the SUNY system. Research should focus on studying the mechanisms of neurological function, disease, and dysfunction at the cellular, molecular or systems levels. Areas of particular interest that would synergize with existing strengths include, but are not limited to vision, addiction biology, psychiatric genetics, neurological disorders, neurodegenerative diseases, neuro-oncology, and neurodevelopmental disorders. Candidates using stem cell biology, biomarker development, genetics, neurological disorders, neuro-oncology, and neurodevelopmental disorders. Candidates using stem cell biology, biomarker development, cross-disciplinary translational research, behavioral methods or cutting-edge optical approaches are especially encouraged to apply.

The successful candidate will join a growing team of collaborative and interdisciplinary neuroscientists in Central New York at Upstate Medical University, neighboring Syracuse University, the Syracuse Veterans Hospital, and nearby Cornell and Binghamton Universities. The position is open to individual applicants or to established research teams. Significant current external research funding is required. Successful candidates will hold joint appointments in a basic science and one of several clinical departments, and will be expected to maintain a vigorous and independently funded research program. SUNY Upstate offers a highly competitive hard-money state-line salary, a generous start-up package supplemented by contributions from the New York State Empire Innovation fund and access to a unique, integrated clinical-basic science research environment. Neuroscientists at Upstate benefit from a new research building containing 100,000 sq.ft. of laboratory space equipped with state-of-the-art research facilities and research cores that support sophisticated imaging capabilities including deep brain imaging, super-resolution microscopy, and whole genome sequencing and analysis to name a few.

Applicants should submit a curriculum vitae, statement of research interests and three letters of reference by April 30, 2015 to [www.upstate.edu/hr/jobs](http://www.upstate.edu/hr/jobs) to Posting #036887. Applications will be evaluated as they are received and until the position is filled.

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We are an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, protected veteran status or disability.
The BBVA Foundation Frontiers of Knowledge Awards recognize and encourage fundamental advances in basic and applied research, as materialized in models and theories for understanding the natural and social worlds, technological innovations of broad impact and salient contributions to the creation, performance and conducting of the classical music of our time. Honors also go to outstanding contributions that advance understanding or deliver material progress with regard to two key challenges of the global society of the 21st century, climate change and development cooperation.

The BBVA Foundation Frontiers of Knowledge Awards are undertaken in collaboration with the Spanish National Research Council (CSIC).

Categories
- Basic Sciences (Physics, Chemistry, Mathematics)
- Biomedicine
- Ecology and Conservation Biology
- Climate Change
- Information and Communication Technologies
- Economics, Finance and Management
- Development Cooperation
- Contemporary Music

Nominations
Nominations are invited from scientific and artistic societies, R&D centers, university and hospital departments, conservatories of music, orchestras, public agencies, and organizations working in the climate change and development areas, as well as other organizations and natural persons specified in the award conditions.

Deadline for submission
Nominations are open from January 1 through to June 30, 2015 at 23:00 GMT.

For more details and full entry conditions: www.fbbva.es/awards · awards-info@fbbva.es

The Department of Cellular and Molecular Biology at UT Health Northeast invites applications from outstanding scientists for state funded faculty positions at all levels to conduct independent research. The research of the applicant should be in various research areas of biochemistry or cell biology with an emphasis on cell motility and cytoskeletal regulation. Investigators working on cell motility using electron microscopy are encouraged to apply.

The mission of the research program at UT Health Northeast is to create an outstanding research community that links basic science and clinical science. UT Health Northeast has established research programs in lung injury/repair and pulmonary infectious diseases and the successful candidate is encouraged to interact with researchers in these areas. A strong track record and current extramural funding is required. Teaching in the biotechnology graduate program is encouraged and voluntary.

Our institution is growing rapidly and substantive resources have been allocated to build its basic and translational research portfolio. The Department has recently set up a state-of-the-art cellular and molecular imaging facility including a custom made single molecule total internal reflection fluorescence (TIRF) microscope, ultrafast super-resolution microscope which can visualize dynamic movement of the molecules in living cells, and a confocal microscope with a white light laser system. The successful candidate will be provided with competitive start-up packages and new laboratory facilities.

Applicants should submit their CV, a statement of future research plans and the names of three references to: Dr. Mitsuo Ibeke, Chair of Department of Cellular and Molecular Biology, The University of Texas Health Science Center at Tyler, 11937 US Highway 271, Tyler TX 75708-3154

Review of application will continue until the position is filled.

UT Health is an Equal Opportunity and Affirmative Action Employer and seeks to build a diverse employee community. It is the policy of The University to promote and ensure equal employment opportunity for all individuals without regard to race, color, religion, sex, national origin, age, sexual orientation, disability, or veteran status. Women and minorities are encouraged to apply.
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 recruitment information.

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Joint Faculty Positions at the Center for Quantitative Biology and Peking-Tsinghua Center for Life Sciences

JOINT FACULTY POSITIONS

The Center for Quantitative Biology (CQB) and Peking-Tsinghua Center for Life Sciences (CLS) at Peking University jointly open for applications for faculty positions at all ranks.

We seek for creative individuals in all areas of quantitative biology, with emphases on (but not limited to):

1. Systems biology;
2. Synthetic biology;
3. Computational biology/Bioinformatics;
4. Disease mechanism and drug design from system biology perspective;
5. Development of quantitative methods and technology.

CQB (http://cqb.pku.edu.cn/) is dedicated to research and education at the interface between the traditionally more quantitative disciplines (such as mathematics, physical sciences, engineering, computer science) and the biological sciences. CLS (http://www.cls.edu.cn/) is a center of excellence to support and nurture creative research of long lasting impact.

Application materials (with cover letter, summary of research interests, CV and less than 5 representative publications, all in a single PDF file) should be sent to Ms. Wei Xiao (gsmkyb@pku.edu.cn), to whom you should also ask your references to send in their recommendation letters.

Southwest Jiaotong University, P.R.China Anticipates Your Working Application

Southwest Jiaotong University (SWJTU), founded in 1896, situates itself in Chengdu, the provincial capital of Sichuan. It is a national key multidisciplinary “211” and “985” Feature Projects university directly under the jurisdiction of the Ministry of Education, featuring engineering and a comprehensive range of study programs and research disciplines spanning across more than 20 faculties and institutes/centers. Boasting a complete Bachelor-Master-Doctor education system with more than 2,500 members of academic staff, our school also owns 2 first-level national key disciplines, 2 supplementary fields of national key disciplines (in their establishment), 15 first-level doctoral programs, 43 first-level master programs, 75 key undergraduate programs, 10 post-doctoral stations and more than 40 key laboratories at national and provincial levels.

Our university is currently implementing the strategy of “developing and strengthening the university by introducing and cultivating talents”, therefore, we sincerely look forward to your working application.

More information available at http://www.swjtu.edu.cn/

A. High-level Leading Talents

It is required that candidates be listed in national top talents programs such as Program of Global Experts, Top Talents of National Special Support Program, “Chang Jiang Scholars”, China Funds for Distinguished Young Scientists and National Award for Distinguished Teachers.

Candidates are supposed to be no more than 50 years old. The limitation could be extended in the most-needed areas of disciplinary development.

Candidates who work in high-level universities/institutes and reach the above requirements are supposed to be no more than 45 years old.

B. Young Leading Scholars

Candidates are supposed to be listed in or qualified to apply for the following programs:

1. National Thousand Young Talents Program
2. The Top Young Talents of National Special Support Program/Program for Supporting Top Young Talents
3. Science Foundation for the Excellent Young Scholars

Candidates should have good team spirit and leadership, outstanding academic achievements, broad academic vision and international cooperation experience and have the potential of being a leading academic researcher.

C. Excellent Young Academic Backbones

Candidates under 40 years old are expected to graduate from high-level universities/institutes either in China or other countries. Those who are professors, associate professors and other equal talents from high-level universities/institutes overseas could be employed as professors and associate professors as well.

D. Excellent Doctors and Post Doctoral Fellows

Candidates under 35 years old are supposed to be excellent academic researchers from high-level universities either in China or other countries.

Requirements

The candidates will be provided with competitive salaries and welfare that include settling-in allowance, subsidy of rent residence, start-up funds of scientific research, assistance in establishing scientific platform and research group as well as international-level training and promotion . As for outstanding retirees, we can offer further or specific treatments that can be discussed personally.

Contact

Contacts: Ms. ZENG Yinchuan LI Telephone number: +86-28-66366202 Email: talent@swjt.edu.cn Address: Human Resources Department of SWJTU, the western park of high-tech zone, Chengdu, Sichuan, P.R.China, 611756

http://www.swjt.edu.cn/

Max Planck Institute for Intelligent Systems

Scientist or Research Engineer for Central Scientific Facility

We study intelligent systems, focusing on what computations allow synthetic and natural intelligent systems to do in perception, action, and learning. Our site in Tübingen, Germany is part of a campus with three Max Planck institutes and scientists from around the world. Three research departments collaborate on topics in machine learning, perception, and robotics to understand intelligent systems. Such systems rely on light to obtain information from the world.

We already work with a variety of systems including cameras (ranging from off-the-shelf SLRs to cooled emCCDs and sCMOS), sophisticated optical hardware (telescopes, wavefront sensors, tracking mounts), and computational photographic systems (Viscon, Kinect, motion capture technology, 3D scanners).

Your responsibilities

You will join a team that will take part in building a central scientific facility as part of “Optics and Sensing Laboratory”. You will work closely with researchers across the institute’s departments and research groups to investigate, develop and implement technologies in the above fields. 50% of your time is devoted to basic research, involving other scientists and PhD students. You will also be involved in the development of institute infrastructure e.g. e-Learning system, providing system instructions and guidance for students, testing new promising technologies.

Requirements

- PhD or extensive experience in physics, engineering, or computer science
- Comprehensive hands-on experience with optical experimentation, optical design and system implementation, telescopes and astronomical camera systems plus an open mind to get involved in other areas that the central scientific facility will work on, including: low level processing and acquisition in computer vision systems, camera synchronization and calibration, multi-camera capture, motion capture systems, scanners, stereo imaging.
- Excellent programming skills in a hardware-near programming language like C, C++, and high-level scientific programming language like Matlab, Python. Familiarity with Linux environment is highly desirable, GPGPU programming skills are a plus.
- In-depth knowledge of an optical design software like Zemax, OSLO, or CodeV.
- Strong project management skills.
- Experience of work in research labs, preferably multi-disciplinary teams.
- Proficient communication skills.
- German language skills are not required, but a plus. Good written/spoken English is mandatory.
- A desire to get your hands dirty, and an affinity to computers and systems.
- A desire to create the future.

Our offer

Salaries will be based on previous experience according to TVöD guidelines (E9 to E19). An initial contract will be offered for 2 years but subsequent tenure is possible. This is a full-time position. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in areas where they are underrepresented and therefore explicitly encourages women to apply. The position will be open until filled or no longer needed. Preference will be given to applications received by 31 January, 2014.

In case of questions on the technical aspects of the position, please contact Prof. Dr. Bernhard Schölkopf at bs@tuebingen.mpg.de. For administrative questions, please contact Sabrina Jung at sabrina.jung@tuebingen.mpg.de. More information about the Tübingen site of our institute can be found at http://is.tue.mpg.de/.

Contact

Candidates should send their application quoting the reference number 5714. In English via e-mail to Ms. Ballmann at personal@mmr133.stuttgart.mpg.de. The application should include 4 PDF documents: 1) your CV, 2) publication list, 3) certificates and references, 4) a 2-page of motivation, relevant previous experience, and statement of research interests. A Microsoft Word template can be downloaded from http://tinyurl.com/na5wxz2, which can also be edited by free libre office (http://www.libreoffice.org/). Please carefully read and follow the instructions on how to fill in the form.

If you prefer to send a hardcopy application, you may do so. Please address it to:

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Managing an academic research group means keeping an eye on long-term goals, funding agency priorities, and publication plans. Faculty members also train students and postdoctoral fellows. PIs must match people to projects in a way that gets the group to its goals while encouraging its members to mature as scientists. This feature discusses strategies and tips for research program management.

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