Professor of Systems Neuroscience
Professor of Neurogenetics

The Department of Health Sciences and Technology (www.hest.ethz.ch) at ETH Zurich invites applications for the above-mentioned positions.

Professor of Systems Neuroscience: The Department is looking for an outstanding neurobiologist to establish a strong and dynamic research program in the field of systems neuroscience. The research is expected to focus on the molecular and cellular mechanisms of complex functions of the nervous system, both in health and disease. The successful candidate should have an outstanding international reputation and visibility, and a strong track record. He or she is expected to develop an original, interdisciplinary and exciting research program. Solid expertise in molecular and cellular biology at the level of entire organisms, in combination with developmental biology, neurophysiology, neuroimaging and/or behavioral science is expected. Professor of Neurogenetics: Candidates are expected to build a solid and independent research program that studies the relationship between the genome and/or epigenome, and functions of the nervous system, neurodevelopmental processes or behavior, and the underlying molecular and cellular mechanisms, both in health and disease. Strong expertise in genetics and/or epigenetics at the level of whole organisms, a solid background in molecular biology, physiology, behavioral and cognitive neurosciences is required. The successful candidate should have an excellent track record in the field of neurogenetics. Translation to humans and/or clinical applications is a plus.

For both positions, expertise in the design and use of animal and cellular models, and of state-of-the-art in vitro and in vivo methods of analyses are highly desired. Both candidates shall undertake leadership functions in research, including the mentoring of junior group leaders, and participate in teaching at undergraduate and postgraduate level in the fields of neurobiology, cell biology, and biomedical sciences. They are also expected to establish links with the clinic, and contribute to translational research and the transfer of knowledge and technology to the medical field. The successful candidates will teach at the undergraduate (German or English) and graduate (English) level.

The new professors will be member of the Department of Health Sciences and Technology and will strengthen neurosciences in this Department. They are also expected to reinforce cooperation with other strategic research areas in the Department that include medical engineering, movement sciences and sport, as well as food and nutrition. Together with the Neuroscience Centre Zurich and Life Science Zurich, two research and teaching platforms, the Department offers outstanding opportunities to build an interdisciplinary research program and provides multiple technology platforms including genomics, epigenomics and proteomics facilities, animal and human imaging centers, advanced microscopy platforms and animal facilities. Besides direct contact with other groups in the Department, multiple opportunities for interaction with researchers in the Department of Biology, and clinical research at the Medical Faculty of the University of Zurich and at local hospitals are provided through an active and lively academic community, and research consortia such as SystemsX.ch and National Centers of Competence in Research (NCCRs).

Please apply online at www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications, and a statement of future research and teaching interest. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 31 October 2013. ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. In order to increase the number of women in leading academic positions, we specifically encourage women to apply.
The iHuman Institute is established to encourage interdisciplinary research combining chemistry, biology, imaging, and structural biology of the cellular components involved in human cell signaling, with a special focus on G-protein-coupled receptors and their intracellular signaling partners. Academic basic science and applied industry research will be integrated, providing researchers with unique career opportunities. The Institute is recruiting 20 regular tenured and tenure-track faculty to generate an intellectually stimulating environment.

**NMR Faculty Position and Qualifications:**

The iHuman Institute at ShanghaiTech University is hiring a Professor specializing in the area of solution NMR spectroscopy focused specifically around human G-protein-coupled receptors (GPCRs). The position can be filled either at the level of a tenured senior faculty or a tenure-track junior faculty position. The successful candidate will be part of an interdisciplinary research team including mentoring and guidance from Professors Raymond Stevens (GPCR expertise) and Kurt Wüthrich (NMR expertise). The goal is to apply cutting-edge NMR technology towards understanding GPCR structure and function, and to provide new foundations for GPCR-targeted drug discovery. Final decisions on the configuration of the new high-field NMR facility will be made in contact with the successful applicant for the NMR faculty position.

Senior position applicants are expected to be leading scientists in their research area. Junior level position applicants should have a Ph.D. degree in physical or life sciences as well as postdoctoral experience. The successful applicant will be expected to establish an independent, internationally recognized research program and to hire and supervise postgraduate, graduate and undergraduate students.

**Computational Biology Faculty Position and Qualifications:**

The iHuman Institute at ShanghaiTech University is hiring a Professor specializing in the area of Computational Biology. Researchers interested in the area of computational GPCR biology or GPCR chemistry are encouraged to apply. The iHuman Institute is incredibly strong in the area of x-ray crystallography and NMR of GPCRs, including structure-based drug discovery. Computational biologists and chemists interested in understanding cell biology, molecular recognition, and drug discovery should apply.

Senior position applicants are expected to be leading scientists in their research area. Junior level position applicants should have a Ph.D. degree and at least 5 years of experience in the area of computational methods. The successful applicant will be expected to establish an independent, internationally recognized research program and to supervise graduate and undergraduate students.

**Initial Research Support Package:**

The Institute will provide internationally competitive start-up funds plus support of Research Associates and Post-Doctoral Fellows. Research laboratory and office space will be provided to match the research needs. Our faculty will also have access to the research facilities and resources of the Chinese Academy of Science.

**Compensation and Benefits:**

Starting salary will be competitive at the international level and commensurate with qualifications and experience. We offer a comprehensive benefits package including health and retirement benefits as well as on campus housing renting at a reduced rate. The ShanghaiTech University will also sponsor applications of national and local Talent Programs based on individual qualification and experience. The iHuman Institute is located in Shanghai, China, which is an exciting and rapidly growing global center of excellence for scientific research.

**Application Procedure:**

Submit a cover letter, a 2-3 page statement of research interests, a CV and the names and addresses of three individuals who can serve as references to the mail addresses given below:

The iHuman Institute
ShanghaiTech University, Building 8, 319 Yueyang Road, Shanghai 200031, China
Email: iHuman@shanghaitech.edu.cn

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

For more information, please visit our website: [www.shanghaitech.edu.cn](http://www.shanghaitech.edu.cn)
Hiring Vice President at South University of Science and Technology (SUSTC)Shenzhen, China

The South University of Science and Technology, China (SUSTC) invites applications and nominations for Vice President (Academic Affairs) and Vice President (Education). SUSTC is committed to **excellence in teaching and research**; therefore, it offers internationally competitive salaries, fringe benefits, retirement and housing subsidy to the Vice Presidents. The modern campus also offers pleasant working conditions.

**About SUSTC**

SUSTC is a public institution funded by the municipal of Shenzhen, a special economic zone city in southern China. The University receives full financial support from the municipal. Set on five hundred acres of wooded landscape in the picturesque Nanshan (South Mountain) area, the campus offers an idyllic environment suitable for learning and scholarship. SUSTC engages in basic and problem-solving research of lasting impact to benefit society and mankind. Key research areas of the university include but not limited to: Neural and Cognitive Sciences, Biology and Gene Engineering, Modern Physics, Control and Modification of Materials, Nanoscience and Nanotechnology, Mathematics and Applied Mathematics, Molecular Chemistry and Catalysis, Large-Scale Computational Research, Robotics and Artificial Intelligence, Information Systems and Electronic Engineering, Modern Cities and future developments, Energy Sciences and technology, Environmental Sciences, Financial Mathematics and Engineering.

The Vice President (Academic Affairs, VPAA) and Vice President (Education, VPE) report directly to the president. The VPAA provides strategic leadership in the development and implementation of academic and research programs. The VPE provides strategic leadership in student education and whole person development. Successful candidates are expected to be internationally renowned scholars with administrative experience and good communication skills. Excellent leadership and organizational skills are also important.

The teaching language at SUSTC is English or Putonghua. As we expect an international faculty, the majority of teaching materials and reference books will be in English and many classes will be conducted in English. With a very high faculty-to-student ratio, SUSTC is committed to delivering a student-centered education. Students at junior and senior years are expected to participate in research in Research Centers.

Send nominations, inquiries or applications to: hiring@sustc.edu.cn. All applications should include a detailed CV and a list of publications. Additional information on SUSTC is available on the University homepage [http://www.sustc.edu.cn](http://www.sustc.edu.cn)
Yanshan University 2013 Worldwide Recruitment Plan

Yanshan University (YSU) is located in the historic coastal city of Qinhuangdao in Hebei and was accredited as one of the eighty-eight national key institutions of higher learning in China. YSU has 11 postdoctoral research stations, 11 disciplines conferring doctoral degrees, 5 national key disciplines and 4 key disciplines in national defense and 13 provincial key disciplines. It also has State Key Laboratory of Metastable Materials Science and Technology, National Engineering Research Center for Equipment and Technology of Cold Strip Rolling, Advanced Manufacture Technology and Equipment Research Center, and State Key Laboratory of Fundamental Science of Mechanical Structure and Material Science under Extreme Conditions for National Defense. YSU is recruiting for outstanding investigators to occupy the following honorable positions. These positions will not be closed for next several years.

1. **National Thousand Talents Program**: Long-term and short-term programs of “National Thousand Foreign Talents Program” and “National Thousand Young Talents Program.”

2. **Chang Jiang Scholar**: Doctoral degree, full-time, under 45 for natural science and under 50 for liberal arts.

3. **Hundred Experts Program of Hebei Province**: Ph.D. from overseas university and associate professors in overseas institutions, 3 years of work continuously in YSU and no less than 9 months per year after employment.

4. **Yanshan Scholar**: Full time, under 50, assistant professor or equivalent for oversea applicant and professor with doctoral degree for domestic applicants.

5. **Excellent Doctors and Post-doctors**: Under 35, with academic excellence and research potential. 2013 recruitment website: [http://www.ysu.edu.cn/xqzl/zphb.htm](http://www.ysu.edu.cn/xqzl/zphb.htm)

**Salary, Start-up Package and Benefits**: According to the policy recently issued by Yanshan University, “High-level Talents Training and Introduction Enforcement Measures”, the recruited faculty at different academic levels will be supported with competitive salary, the start up package (competitive start-up funds and newly renovated office/lab), housing allowance and other possible benefits. All of the above offers are negotiable.

**Contact us**: The interesting candidates submit curriculum vitae in both of English and Chinese, PDFs of their publications and a detailed statement of research interests to Mr. Gaoyi Zhou, Mr. Linbao Pei, Mrs. Jie Ma, and/or Mrs. Qun Mei, Personnel Division of Yanshan University, 438 Hebei Avenue, Qinhuangdao, Hebei 066004, China; Tel: 0086-335-8071323, 0086-335-8074531; Fax: 0086-335-8047376; Email: rsczp@ysu.edu.cn. You will be contacted once we receive and finish the evaluation of your application for the position. Welcome to YSU and make your contribution to the future of our university!

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**HEMATOLOGY/ONCOLOGY**

The University of Maryland Greenebaum Cancer Center (UMGCC) is recruiting for senior hematology/oncology faculty interested in developing or furthering clinical research careers in Bone Marrow Transplant Cancer. The UMGCC has a long standing clinical and laboratory research program in all aspects of cancer. Its programs in many areas of oncology are expanding rapidly. We are looking for individuals interested in clinical and translational investigations and new drug development for malignancies. Academic rank, tenure status, and salary commensurate with experience. Candidates should be board certified in internal medicine and hematology/medical oncology. The University of Maryland, Baltimore encourages women and minorities to apply and is an AA/EEO/ADA Employer. Interested applicants should submit their CV to Stephen W. Long, Associate Director for Administration, c/o Rhonda Reed (reed1@medicine.umaryland.edu).

The University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.

Please cite Position #03-309-740 when submitting your application.
Exciting developments in Materials Chemistry: are you ready to take the lead?
The Department of Chemical Engineering & Chemistry at Eindhoven University of Technology (TU/e) invites applications and nominations for

Three Professor Positions in Materials Chemistry

To further develop our research in the field of Materials Chemistry, we are looking for three inspiring leaders in this scientific domain. Will your research proposals lead to new breakthroughs and insights in Materials Chemistry? Are you attracted by the idea of a high tech working environment with close links to industry? And are you an inspiring role model for our researchers and students? If so, we would very much like to meet you.

Applicants from all areas in the field of Materials Chemistry will be considered, but those having expertise in polymer chemistry, physical chemistry or inorganic chemistry that interfaces with or complements existing research activities in the department will receive special consideration.

Polymer chemistry
The department has a strong tradition in supramolecular and polymer chemistry. Its well-known chain-of-knowledge approach has proved to be a key success factor in bringing fundamental insights in macromolecular synthesis and polymerization mechanisms to innovative polymer materials applications in areas as functional polymer systems, biorelated polymer systems, performance coatings and plastics. Excellent candidates are invited to present new, challenging and innovative proposals to further add to this chain-of-knowledge approach, leading to basic understanding of novel polymerization mechanisms, advanced molecular applications and innovative polymer material systems with superb properties and performance characteristics.

Physical chemistry
The department plans to install a new Chair position to focus on the physical chemistry of nano- and mesoscopic structures of soft condensed matter. Proposals from excellent candidates wanting to take the lead in this important field are welcomed. New developments and material applications are expected to follow from a basic understanding of the underlying physical chemistry of dynamical phenomena that take place at the dimensions and length scales where macromolecules, supramolecular structures and bulk (polymer) materials meet. State-of-the art characterisation of mesoscopic structures using scattering techniques, combined with fundamental understanding of the underlying kinetics and thermodynamics of the interactions at the relevant molecular and material dimensions, are key factors in any research program in this field.

Inorganic chemistry
The department invites applications of excellent candidates for the newly created Chair position focusing on the chemistry, synthesis and development of functional inorganic materials. Fundamental knowledge of the crystal structure, anisotropy, defects and stoichiometry of inorganic materials is key to the understanding and development of their advanced electric, optical, magnetic or other functional properties. Exciting developments are expected, for example in the synthesis of functional inorganic coatings for applications in electronic devices, as well as the synthesis and use of quantum structures with special optical, electric, catalytic or sensoric properties.

Requirements
Successful applicants will have an outstanding, internationally recognized record of research in their specific fields, together with a strong commitment to teaching, a proven record in research funding acquisition, active collaboration with academic research groups and industry, excellent communication skills and proven leadership qualities to manage a scientific group.

Information
Enquiries about these positions may be made to the Dean of the Department, Prof.dr.ir. J.C. Schouten, j.c.schouten@tue.nl.
For information concerning conditions of employment, please contact Ms. Arianne Boekema, HR advisor a.d.boekema@tue.nl, tel. +31 40 2474960.

How to apply
For a detailed job description and to apply please visit our website: www.tue.nl/jobs. Application review will begin on 1 November 2013.
POSTDOCTORAL POSITIONS in Glycoscience

Several Postdoctoral Fellowships are available at the Complex Carbohydrate Research Center (CCRC) of the University of Georgia (UGA) to work on an NIH supported Program Project Grant dealing with Chemistry and Biology of Glycosyltransferases. For more information, visit website: http://www.ccrc.uga.edu/employment/index.php. Participating investigators of this multidisciplinary research projects include Drs. Geert-Jan Boons, Kelley Moremen, James Prestegard, Richard Steet and Lance Wells. Interested candidates must hold a Ph.D. be highly motivated and have a strong background in one of the following fields of research: (1) mammalian glycosylation enzymes, protein expression/purification, and structural biology; (2) protein NMR spectroscopy; (3) chemoenzymatic synthesis of complex oligosaccharides; (4) cell biology to study altered trafficking of glycoconjugates in the context of human disease; or (5) glycomic, proteomic, and glycosoproteomic analyses by mass spectrometry. Interested individual should send their curriculum vitae, and the contact information of three references. The appointee will also deliver innovative extension and participate in the Bioinformatics Program at the University of Georgia, 315 Riverbend Road, Athens, GA 30602. Affirmative Action/Equal Employment Opportunity.

ASSISTANT PROFESSOR of Pollinator Health & Sustainability
University of Maryland, College Park

The Department of Entomology seeks an Assistant Professor to develop an integrated Extension/Research/Teaching portfolio (40/40/20 split) that addresses the effects of environmental change on pollinators at multiple scales. The appointee will be expected to build a nationally prominent, robustly funded research/ extension program that addresses some broad aspect of pollinator health and sustainability. In addition, he/she will work with university, government, and private sector/NGO partners to find novel ways of incorporating pollinators into multidisciplinary efforts that advance priorities of Maryland Extension, including, among others, agricultural sustainability, profitability, and literacy; environmental sustainability; local food production; and community resilience.

The appointee will also deliver innovative extension support and training in apiiculture to diverse stakeholders in our state and region, train graduate students, and contribute to the department’s teaching program. Applicants must have a Ph.D. in Entomology or a related field, demonstrated excellence in both scientific publication and ability to obtain external funding, and evidence of experience with Extension. Research specialties can include any aspect of pollinator biology that bears on pollinator health and sustainability. Preference will be given to candidates with postdoctoral experience, proficiency with Extension or outreach, and innovative approaches to translational science.

Electronic submission of application through the University online system (website: http://www.jobs.umd.edu) is required. Candidates should submit a cover letter describing qualifications, curriculum vitae, a summary of research and extension experience and future plans (three to four pages), a statement of educational interests, and contact information for three persons from whom letters of recommendation can be requested. When preparing the electronic submission, submit the statement of research and extension in the Research field, and the statement of educational interests in the Supplemental Documents field. The position remains open until filled. Best consideration will be given to applications received by August 1, 2013.

The University of Maryland is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

The Department of Molecular and Cell Biology at the Boston University Henry M. Goldman School of Dental Medicine has an opening at the ASSISTANT, ASSOCIATE, OR FULL PROFESSOR level. For this position, we seek qualified candidates with research interests in areas relevant to craniofacial or oral biology. Individuals with an outstanding publication record and an ongoing NIH R01-funded research program are encouraged to apply. Excellent laboratory facilities and startup funds are available as well as joint appointments with appropriate departments at the School of Medicine and participation in the Bioinformatics Program at the School of Engineering. Qualified applicants should submit curriculum vitae, a brief summary of research accomplishments, a description of plans for future work, and names of three to five references, by August 31, 2013. Electronically send all materials to Dr. P. C. Trackman, Search Committee Chair at e-mail: mcbdept@bu.edu. Please visit website: http://dentalschool.bu.edu/research/molecular/index.html.

Boston University is an Affirmative Action and Equal Opportunity Employer.