Economic globalization is bringing a new wave of internationalization to the world’s higher education systems, and China’s universities have inevitably become involved. In late 2015, “The Overall Plan for Promoting the Construction of World-Class Universities and Disciplines” was promulgated, and special emphasis was put on international exchange and cooperation. The plan’s goals were to “strengthen substantive cooperation with world-class universities and academic institutions; integrate advanced international education resources; implement joint training of high-level talent and joint scientific research; strengthen international collaborative innovation; actively participate in or organize major regional and international scientific projects; foster a favorable, internationalized environment for education and scientific research; attract more quality foreign teachers and overseas students; actively participate in rule-making, evaluation, and authentication of international education; enhance the international competitiveness and influence of China’s higher education system; and establish a positive brand and image.”

Published in 2017, the “Implementation Measures (Provisional) for Promoting the Construction of World-Class Universities and Disciplines” indicate that China’s university faculties should include a mix of top-notch experts, academic leaders, and innovation teams staying actively involved on the international academic frontier. Regarding international academic exchange and communication, strong initiatives are needed to attract quality foreign teachers, research teams, and foreign students. China hopes to make significant progress in student exchange programs at its high-profile universities, with mutual recognition given for joint training. It also aims to conduct in-depth academic exchange and cooperative research programs with other well-known academic institutions, become deeply involved in major regional and international scientific projects, participate in drawing up international standards for higher education, and build a stronger influence abroad. These goals show that at a policy level, China has set out to develop truly world-class universities.
Internationalization Helps Universities to Become World-Class

International exchange and cooperation is a new mission for China’s universities. Although the culture and characteristics of universities in various countries are different, mutual cooperation and benefits are desired by all of them. More and more countries have realized that they should look at educational reform from a global perspective, and for them, the internalization of higher education has risen from the level of educational policy to become a national development strategy. As the world’s largest developing country and the world’s second-largest economy, China is answering the urgent call to internationalize its higher education system; this internationalization will become fundamental to the character of its universities and will be an important index of their growth.

World-class universities have a strong sense of mission to serve both their own countries and the world. To have access to quality students, faculty, and educational resources, China’s universities must position themselves to be international institutions, so that they can draw on the wealth of the world’s knowledge, attract outstanding talent, and leave a legacy of great scientific achievements. At the same time, the internationalization of higher education in China will bring in diversified educational concepts and methods that will reform the local higher education system, create a broader exchange platform and a wider cooperative space, promote resource sharing, strengthen the country’s influence around the world, and promise rich possibilities for the future.

The Connotations of Internationalized Higher Education

The internationalization of higher education is an all-inclusive process that requires both internal and external change from a university. Its purpose is not just to increase the number of exchange students and foreign students, convene more international conferences, recruit more foreign teachers, offer more foreign language courses, or set up “International Days.” It should also renew educational concepts, content, and teaching methods; trigger a chain reaction of higher education reform; and enhance a university’s international influence.

The internationalization of higher education is a two-way interaction. At present, China’s universities rely mainly on a “one-way input” of introducing foreign resources for this purpose. But only by recognizing the principles of equality and mutual benefit can we achieve a two-way dialogue involving both import and export, and thus achieve sustainable internationalization. China has first-rate educational raw materials. So, when introducing high-quality foreign educational resources, China should not underestimate its own capabilities and overlook developing superior domestic educational assets. Let the world know China, and let China know the world.

New Policies Outline a New Blueprint for China’s Universities

To maximize its mission of international exchange and cooperation, China has begun to coordinate areas of international and domestic concern—especially education. Thus, many Chinese universities have begun to keep a more open mind to the rest of the world. They are striving to take advantage of international academic resources, actively establish cooperative partnerships with international educational institutions, and to make their own voices heard through cross-border communication, international cooperation projects, international educational aid, and cross-border education. They are also helping to develop international educational standards that will strengthen China’s academic competence, influence, and reputation, and will support the “One Belt, One Road” initiative that aims to foster cooperation among China and Eurasian countries.

At the national level, China’s government has introduced targeted policies based on thorough investigation, to provide the necessary policy support, strategic guidance, and adequate funding for international exchange and cooperation between universities. It is important to note that in fulfilling this new mission, Chinese universities should not copy the experience of others or become “branch campuses” of universities in other countries, but maintain an impartial attitude that will creatively use both international and domestic resources to achieve mutual benefit, and so contribute to advancing the world’s knowledge and fostering social and economic progress.

Li Zhimin, director of the Science and Technology Development Center at the Chinese Ministry of Education, indicates that to become more innovative, universities should retain a world-class team of scholars. China’s professors should actively participate in the international academic community to improve their academic standing. By engaging in activities with international organizations, they will have a bigger say in academics worldwide. He also thinks that universities should recruit more high-level talents, to enhance their impact and gain international recognition.

Zhou Hongyu, vice director of the Standing Committee of the National People’s Congress, Hubei Province, dean of the Changjiang Educational Research Institute and professor of Central China Normal University, emphasizes that research-oriented universities should hold onto Chinese characteristics, while striving to reach the front ranks among world-class institutions. He advocates the following steps: First, ensure national education resources become more focused on higher education and more resource-intensive. Support predominant disciplines, characteristically Chinese disciplines, and disciplines in demand. Reinforce resource competition and work against egalitarianism. Second, strengthen the expert teaching staff in all universities. Set up special “talent zones.” Establish a diversified talent selection and remuneration system to attract innovation and bring in leaders from science, technology, and academics. Set up an evaluation system requiring innovation and quality contribution as standard. Advocate interdisciplinary cooperation by building an “across-subjects” and “across-schools” innovation team. Third, strengthen the
construction of high-end innovation platforms. Establish several national laboratories, technology innovation centers, and new types of high-end think tanks with Chinese characteristics for important science programs and high-tech engineering programs. Strengthen original research, and give the highest priorities to basic research and cutting-edge technology, while supporting innovation-driven strategies. Fourth, intensify the cultivation of innovative talent. Reform the talent-cultivation process, boost cooperative and practical education, and initiate “experimental reform areas” for the fostering of innovative talent through high-quality general education and solid specialized education. Fifth, strengthen the integration of first-class disciplines with national strategic needs, and transform top universities into scientific, industrial, and cultural innovation centers.

We believe that in the near future, China’s universities will attract more outstanding talents from all over the world, who will make distinctive contributions to scientific research. We welcome excellent scholars interested in applying for talent programs to contact us through China Education Online (consultant@acbridge.edu.cn), which provides one-on-one consultations. Further information can be found at www.edu.cn/syl.

Introducing One of China’s World-Class Universities

The National University of Defense Technology (NUDT) is located in central China’s Hunan Province. Since its establishment in the early 1950s, NUDT has been a key national and military university. NUDT is a key comprehensive university directly under the Central Military Commission that offers 10 disciplines: Science, Engineering, Military Science, Management, Economics, Philosophy, Literature, Education, Law, and History. It is one of the universities designated for Project 211, Project 985, and the military 2110 Project, and it has been selected for the 2011 Project and the Plan for Educating and Training Outstanding Engineers. It is one of 156 national key construction projects undertaken in China’s first Five-Year Plan, and one of 20 national key universities approved by the Communist Party of China central committee in 1959.

NUDT is listed among the first universities having the authority to grant Master’s and Doctorate degrees, one of the first 22 universities to run a pilot graduate school as well as key institutions of state investment and construction during the seventh and eighth Five-Year Plans. By 2014, NUDT had 28 academicians, 7 members of the Academic Degrees Committee and Discipline Assessment Group of the State Council, and 52 nationally outstanding teachers. One received the Ho Leung Ho Lee Foundation Science and Technology Awards, 19 were awarded the title of young and middle-aged “Expert with Remarkable Contributions,” 193 were selected into national and military high-level talent programs, including the New Century Talents Project, the Changjiang Scholars Program, the National Natural Science Fund for Distinguished Young Scholars, the National Excellent Scientist Program, the Qiu Shi Science and Technologies Foundation, and the Military High-Level Science and Technology Innovation Talent Project. NUDT undertakes important research on sophisticated weaponry and defense-critical technology. So far it has a large number of advanced scientific achievements to its credit, and more than 2,000 have won national, military, and provincial science and technology awards, including 5 national special prizes, 9 national first prizes, 48 national second prizes, and 245 military and provincial first prizes. NUDT makes a significant contribution to the modernization of national defense.

As part of education internationalization, NUDT undergraduates go abroad for joint training through the Ministry of Education’s international exchange program for outstanding undergraduates, and some exceptional undergraduates go overseas to participate in research internships and science summer schools. NUDT plans to send some postgraduate students skilled in mathematics to pursue their Ph.D.s at the University of Oxford and Cambridge University. NUDT actively carries out student-oriented foreign exchange activities, and attends activities such as international postgraduate summer schools and the Asian International Model United Nations. Each year, NUDT sends cadets abroad to conduct military changes, and hosts International Student Science and Technology Week every two years to invite foreign military cadets and officers. NUDT is an outward-looking organization; as of May 4, 2012, it has established academic exchanges with more than 100 universities from 40 countries and regions, and employed more than 20 foreign teachers. It holds international academic conferences more than 10 times yearly, invites more than 400 renowned foreign experts on exchange, sends more than 100 outstanding students to foreign universities and laboratories for joint training and the pursuit of degrees, and dispatches over 800 students to attend international conferences and enter academic competitions in related disciplines. NUDT also holds an international seminar on national security and technology development strategy every two years, to focus on international security strategy from the perspective of technological development.
Northeast Normal University is Recruiting High-Level Talents at Home and Abroad

Located in Changchun City, Jilin Province, Northeast Normal University (NENU) is a comprehensive university under the direct administration of the Ministry of Education, the national “211 Project” key construction university. NENU has a complete range of disciplines, with 23 schools (faculties) covering 11 disciplines except military science and medicine. The university comprises 78 undergraduate specialties, 34 M.A. programs of the first-level disciplines, 22 Doctoral programs of the first-level disciplines, 20 Post-doctoral research stations and 6 national first-class disciplines construction projects.

We are seeking to recruit talented individuals at home and abroad to achieve our shared vision.

**Job Opportunities:**

1. **Leading Talents**
   1) Applicants are expected to be below 47 years old for Natural Science and below 57 for Philosophical and Social Science.
   2) With NENU as supporting institution, applicants are expected to apply for the national key talents projects: Innovative Talents Long-term Project of “National Thousand Talents Program”, Leading Talents Project of “National Ten Thousand Talents Program”, and Distinguished Professors of “Chang Jiang Scholars Program”.
   3) Full time is required in principle.

2. **Youth Talents**
   1) Applicants are expected to be below 40 years old for Natural Science and below 45 for Philosophical and Social Science.
   2) With NENU as supporting institution, applicants are expected to apply for the national youth talent projects: Youth Talents Project of “National Thousand Talents Program”, Youth Top-notch Talents Project of “Ten Thousand Program”, and Youth Scholars of “Chang Jiang Scholars Program”.
   3) Full time is required.

3. **Distinguished Professors**
   1) Besides holding Ph.D degrees, applicants are expected to be below 45 years old for Natural Science and below 55 for Philosophical and Social Science.
   2) Domestic applicants are needed to have professor titles or equivalent ones; overseas applicants should have assistant professor titles or equivalent ones. During employment period, applicants are expected to obtain national talent projects in different levels.
   3) Full time is required.

**Remuneration:**

1. NENU provides national talents with competitive remuneration. Based on their positions and work undertaken, employees will be provided corresponding scientific research allowance and settling-in allowance. In addition, employees will be given priority in such aspects as quota distribution of Ph.D students, team building, experimental platform construction, and scientific research funds.

2. Distinguished professor positions of “NENU scholars” provide capable employees with special support including settling-in allowance, scientific research allowance, and job allowance.

3. NENU has set up the Top Talents Program, “Fangwu Program”, covering distinguished professor, youth scholars and potential youth scholars. Employees could be able to apply for the appropriate post and get the corresponding allowance.

4. NENU implements the Principal Investigator System (PI system) in key disciplines, and NENU provides key disciplines with funds, and provides discipline leaders with position allowance.

5. NENU highly awards employees’ scientific research output.

6. NENU has first-class basic education resources, including affiliated kindergartens (Jilin Province Model Kindergarten), affiliated primary schools (six campuses) and affiliated high schools (under the direct administration of the Ministry of Education), to provide employees’ children with education from kindergarten to senior high school.

**Way of Application:**

1. How to apply:
   Applicants need to submit resumes to the office mailbox of Personnel Department. The applicant’s name, position applied and the major should be noted. Personnel Department will check mails and reply them.

2. **Contact Information:**
   Contact: Yang Liangyu, Chen Xuejiao
   Tel: +86-431-85099718
   Office email: rcb@nenu.edu.cn

Address: Personnel Department, Northeast Normal University, No. 5268 Renmin Street, Changchun City, Jilin Province, PR. China
**About Zhejiang University**

Located in the historical and picturesque city of Hangzhou, Zhejiang University is a prestigious institution of higher education with a long history. After a hundred years of construction and development, Zhejiang University has become a comprehensive research university with distinctive features and relatively great impact at home and abroad. Research at Zhejiang University spans 12 academic disciplines, covering philosophy, economics, law, education, literature, history, art, science, engineering, agriculture, medicine, management and etc. In all 22 disciplines of ESI, there are 18 disciplines leading to top 1% in the world. Zhejiang University has always been committed to cultivating talent with excellence, advancing science and technology development, serving for social well-being, and promoting advanced culture with the spirit best manifested by the university motto “Seeking the Truth and Pioneering New Trails”. Zhejiang University has long been holding the educational philosophy of putting people foremost, cultivating students in an all-round way, seeking the truth and pioneering new trails in search of excellence, and is committed to cultivating future leaders with an international perspective.

**A look into ZJU’s plan to world-class university**

Nature’s inside view interviewed Prof. WU Zhaohui, President of Zhejiang University

**What are the steps towards the goal?**

We have set up a three-step plan to be consistently listed among the top in world university rankings. To achieve this, our strategies are to cultivate high-quality people, build academic strength, pursue research excellence, attract high-calibre scholars, observe cultural traditions and explore reform approaches. We are implementing comprehensive reform to improve our systems of talent training, academic innovation, faculty team-building, school administration and support. We will keep the momentum of the reform, be open to integration into global education and innovation network, retain an innovation-driven strategy and stay true to the mission of serving regional, national and global needs.

**How does ZJU cultivate innovators?**

We have a coordinated approach to improve talent training. The goal of our holistic education is to closely integrate knowledge transmission, skill training and personality moulding. We are reinventing an educational model that incorporates general and specialized education, interdisciplinary training, as well as ideological and political teaching. We also try to streamline classroom education, open online courses, mobile learning and internet platforms to diversify students’ classroom experience. Future leaders need to be high-quality innovators with an international perspective. We have leveraged our multidisciplinary strength and entrepreneurial spirit to train interdisciplinary, creative talents. Our achievements are demonstrated by prizes won by ZJU students in international contests, such as a mathematical contest in modeling, an international collegiate programming contest and RoboCups. Entrepreneurial success of ZJU graduates and the amount of funding secured by ZJU start-ups are also outstanding among Chinese universities.
What are your internationalization strategies?
As globalization increases, opening up is integral to our goal of building a world-class university. We are accelerating our internationalization plan by forging partnerships with world-class academic institutions overseas. We have sent out more than 8,000 teachers and students for exchange and received more than 6,000 overseas students as of 2016. We have also built first-rate joint institutes with the University of Edinburgh and the University of Illinois at Urbana Champaign. Our plan to open up also means creating an ecosystem for innovation and entrepreneurship by integrating resources across and outside campus. In education, we are embracing the "open loop university" concept, providing open-access learning opportunities and building an internationalized platform. We also strive to promote sharing of knowledge and culture. (The Official Newsletter Letter of Zhejiang University, Vol.01, May 17th, 2017)

A look into ZJU’s international student education
Professor SONG Yonghua published an article entitled Enhancing the Quality of International Student Education in China to Advance "Double First-Rate" Plan on China Education Daily

Professor Song Yonghua, Executive Vice President of Zhejiang University, Director of Zhejiang University Center for International Education Research, and Chairman of International Education Committee, Chinese Society of Educational Development Strategy (IEC) recently published an article entitled Enhancing the Quality of International Student Education in China to Advance “Double First-rate” Plan on China Education Daily. He proposes new ideas for improving the quality of international student education in China in the new era when the establishment of both world-class universities and first-class disciplines is a high priority.

The article points out that the core value and mission of world’ s leading universities lie in the accountability of cultivating high-qualified talents and global leaders with national passion, international vision, and global competitiveness. Due to the general trend of the internationalization of higher education worldwide, the competition for high-quality students has become a common trend among universities worldwide. Providing high quality international student education to world’s top talents and employing the graduates have become an important national strategy. Therefore, in this context, it is important to strongly emphasize the strategic role of international student education to further improve China’s international competitiveness.

The article further stresses that in order to advance the goal of double first-class by elevating the quality of international student education, the following steps need to be taken into consideration, including “improve the status of international student education in China and contribute to the national development strategy”, “innovate the concept of international student education in China and cultivate world leaders”, “expand the input of educational resources to improve the quality in education”, and “create advanced and systematic support system to expand service capacity”. The article carries significant guiding concepts to both Chinese-foreign cooperative educational programs, as well as educational practitioners nationwide. (http://www.intl.zju.edu.cn/en/news/administration-office/831566)
Faculty Positions Available in Ningbo University

◆ Seeking bright minds

Located in the historical port city of Ningbo in eastern China, Ningbo University is a burgeoning comprehensive university co-established by the Chinese Ministry of Education, Zhejiang provincial government and Ningbo municipal government. It is selected as one of the Chinese Universities in “Double First-class Project” and among the first five provincially governed key universities designated by the Zhejiang provincial government. Young and dynamic, Ningbo University is already ranked among the top 100 universities in China. Ningbo University is actively seeking talented researchers to strengthen its faculty team.

Openings for academic leaders

Requirements:
- A doctoral degree from an overseas institution is expected, along with at least three years of work experience conducting research overseas; for those who have obtained their doctoral degree from a domestic institution, at least three years of overseas teaching or research experience is a must.
- Experience working as a tenured professor or equivalent in a well-known university or research institution overseas (associate professor experience is fine for young candidates from top universities or institutions); generally, candidates should qualify for the national Thousand Talents Program.
- A proven track record of achievements in a specialized research field, with the potential to become an academic or technical leader in the field.
- Ability to work full-time on site, and preferably under 50 years old.

Openings for top young scientists

Requirements:
- A doctoral degree from an overseas institution is preferred, along with at least three years post-graduate research experience overseas; those with doctoral degrees from domestic institutions must have at least three years of experience conducting research or teaching overseas.
- Experience working full-time in a well-known university or research institution overseas, conducting research or teaching; generally, candidates should qualify for the national Thousand Young Talents Program or the provincial Thousand Talents Program.
- Ability to work full-time on site, and preferably under 45 years old.

Openings for excellent doctoral researchers

Requirements:
- A doctoral degree from an overseas institution is preferred, along with at least three years of work experience conducting research overseas; those with doctoral degrees from domestic institutions should have at least three years of experience conducting research or teaching overseas.
- A track record of publication experience, with at least one paper published in Social Sciences Citation Index or Arts & Humanities Citation Index journals for candidates in humanities and social sciences fields; two or more papers published in Science Citation Index-listed journals or at least one publication in a top journal for candidates in natural sciences fields.
- Ability to work full-time at the university.

◆ Compensation

Generous compensation packages will be available. For excellent doctoral researchers, the successful candidate will receive a settling-in allowance of 600,000 (180,000+420,000) RMB. Those with four or more publications in top journals are eligible to be hired as associate professors, and will receive a settling-in allowance of 800,000 (600,000+200,000) RMB.

◆ Application procedure

Please submit a completed application form, a curriculum vitae and a cover letter, along with other relevant supporting materials via e-mail to: rsc@nbu.edu.cn. For additional information regarding the application, such as the number of openings, please visit: http://www.nbu.edu.cn/shizi.
Faculty Position in Chemical Biology  
at the Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Chemical Sciences and Engineering (ISIC) at EPFL invites applications for a tenure-track assistant professor in chemistry with applications in biology.

We seek candidates with an outstanding research record, a strong commitment to excellence in teaching at the undergraduate and graduate levels, and who will be proactive members of the chemical biology community. As a faculty member of the School of Basic Sciences, the successful candidate is expected to initiate and develop a creative research program at the forefront of the discipline.

Significant start-up resources, research budget and state-of-the-art research infrastructure are available. Salaries and benefits are internationally competitive. We offer a highly international environment that is multi-lingual and multi-cultural.

Applications including cover letter with a statement of motivation, curriculum vitae, publications list, concise statements of research and teaching interests as well as the names and addresses (including email) of five references should be submitted by November 15th, 2017 via the website:

https://facultyrecruiting.epfl.ch/position/6848512

Enquiries may be addressed to:  
Prof. Lyndon Emsley  
Chairman of the Search Committee  
E-mail: lyndon.emsley@epfl.ch

More information about EPFL and the Institute of Chemical Sciences and Engineering can be found at www.epfl.ch, sb.epfl.ch, isic.epfl.ch

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

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Faculty Position in Experimental High-Energy Physics  
at the Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Basic Sciences of the Ecole Polytechnique Fédérale de Lausanne (EPFL) seeks to appoint a tenure-track assistant professor of experimental high-energy physics in the Institute of Physics.

The Laboratory for High-Energy Physics is strongly involved in the LHCb experiment at CERN’s Large Hadron Collider from the time of its conception, and is currently making a major contribution to the detector upgrade, with a view to enhance data-taking capability to extend the science reach from 2021 onwards. The position offers the opportunity to capitalize on this investment while also developing ideas for the longer-term future, in an environment providing strong technical support in detector development.

A PhD degree in particle physics as well as a strong and growing track record in research and scientific leadership are required. The appointed professor is expected to initiate a creative experimental program, and engage in physics teaching at undergraduate and graduate levels.

Significant start-up resources, research budget and state-of-the-art research infrastructure are available. Salaries and benefits are internationally competitive.

Applications should include a motivation letter, a curriculum vitae with a list of research outputs, a statement of research (max. 3 pages) and teaching interests (max. 1 page), as well as the names and addresses (including e-mail) of at least three references.

Application files should be submitted in PDF format and uploaded by December 15th, 2017 to

https://facultyrecruiting.epfl.ch/position/6848513

Enquiries may be addressed to:  
Prof. Harald Brune  
Chairman of the Search Committee  
E-mail: iphysdirector@epfl.ch

For additional information, please consult www.epfl.ch, sb.epfl.ch, iphys.epfl.ch

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.
2018 Schaefer Research Scholars Program Awards

The College of Physicians & Surgeons (P&S) is pleased to announce the 2018 Schaefer Research Scholars Program Awards. The Awards, made possible through a bequest from Dr. Ludwig Schaefer, are given annually to four research scientists who have distinguished themselves in human physiology, as broadly defined, and whose current work is of outstanding merit. The proposed research must have the potential to illuminate the field. Two awards are made to research scientists residing or working in North or South America, and two awards are made to research scientists residing or working outside of North or South America. Each award consists of a $50,000 cash prize and up to $200,000 in direct research support.

Applications must include a research proposal (one page), a research budget (not to exceed $200,000 in total direct costs) delineated by cost category (salary, fringe, supplies, etc.) for one year (July 1, 2018–June 30, 2019), curriculum vitae (not to exceed 10 pages), and a page summarizing applicant’s research support. Internal candidates must obtain a nomination letter from their Department Chair. External candidates must present letters from the Dean or equivalent in their home institution as well as from the Columbia University Medical Center collaborator, if applicable.

Nominations must be submitted via a single PDF to Naomi Hornedo, Administrative Manager of Research, at nh83@columbia.edu. Nominations will be accepted through November 14, 2017, and awards will be announced in February 2018.

Yale University
School of Medicine

FACULTY POSITION AT THE ASSISTANT PROFESSOR LEVEL

DEPARTMENT OF CELLULAR AND MOLECULAR PHYSIOLOGY

The Department of Cellular and Molecular Physiology is conducting a search for new faculty members at the assistant professor level.

The search seeks candidates whose research connects the properties of molecules to the properties of physiological systems.

Excellent opportunities are available for collaborative research, as well as for graduate and medical student teaching. Candidates must hold a Ph.D., M.D., or equivalent degree. Applicants should include a curriculum vitae, a statement of research interests and goals, and should arrange to have three letters of reference sent. Applicants should apply at the following website:

apply.interfolio.com/45824

Application Deadline: November 17, 2017

Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women, persons with disabilities, covered veterans, and members of minority groups.

John Innes Centre

Independent Research Fellowships

The John Innes Centre (JIC), Norwich, UK is a world leading centre of excellence in plant and microbial sciences based on the Norwich Research Park. We are inviting applications from outstanding researchers who either hold, or wish to apply for Independent Research Fellowships [such as a BBSRC David Phillips Fellowship (http://www.bbsrc.ac.uk/funding/fellowships/david-phillips.aspx), or a Royal Society University Research Fellowship (http://royalsociety.org/grants/schemes/university-research/)], to attend a Fellows Conference at the JIC on 29 January 2018. At the conference, you will be able to present a talk about your proposed area of research and to discuss your proposals, the development of your group and your future career plans in depth with senior JIC Scientists.

After the conference, we will select and mentor outstanding candidates in writing Fellowship applications and offer the opportunity to move existing Fellowships to the JIC. Considerable additional resources will be provided to Fellows by the Centre. We may also offer a Chris J Leaver Fellowship to a suitable candidate.

For further information please go to: http://www.jic.ac.uk/news-and-events/whats-on/independent-research-fellowships-conference/

John Innes Foundation Chris J Leaver Fellowship

We are inviting applications from outstanding early-career-stage researchers for a Chris J Leaver Fellowship, funded by the John Innes Foundation. This is a 5-year Fellowship aimed at individuals wanting to start their own research group, and includes a Project Leader salary, funding for a post-doc, and considerable additional resources provided by the Centre. Shortlisted candidates will attend the Fellows Conference (see above).

Please e-mail a 2-page summary of your research plan, a copy of your CV and arrange for three letters of recommendation to be e-mailed to wendy.forsdick@jic.ac.uk by Thursday 30 November 2017. All applicants will automatically be considered for the Independent Research Fellowships and the Chris J Leaver Fellowship - it is not necessary to apply twice.

The John Innes Centre is an Equal Opportunities Employer, actively supporting inclusivity and diversity. We are proud to hold a Gold Award from Athena SWAN and be member of Stonewall’s Diversity Champions programme. We are also a Disability Confident employer.

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Assistant Professor (Tenure Track) of Food Biotechnology

→ The Department of Health Sciences and Technology [www.hest.ethz.ch] at ETH Zurich and its Institute of Food, Nutrition and Health, IFNH [www.ifnh.ethz.ch], invites applications for the above-mentioned position. The assistant professorship will deal with mechanisms, modifications and applications of microbes and products thereof for enhancing the supply, quality, nutritional and health benefits of food, while minimising the footprint on the environment. Novel technologies (e.g. genome editing) are poised to have significant effects on e.g. plant and microbial biotechnology, legislation and consumer acceptance.

→ The successful candidate is expected to lead world-class research on food microbes and ecosystems, combining state-of-the-art bioanalytical and molecular technologies, mechanistic understanding and bioprocessing. A major focus should be on microbes and ecosystems, which requires an in-depth understanding of molecular mechanisms and functions, for building the quality of food, optimising processes, translating technologies and benefiting human health. Additional prerequisites are a strong motivation and a commitment to teaching. The new assistant professor will be embedded in the department’s programme in Food Science and will be expected to teach undergraduate level courses (German or English) as well as graduate level courses (English). The ability to lead a research group is required.

→ This assistant professorship has been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to other top international universities.

→ Please apply online: www.facultyaffairs.ethz.ch

→ Applications should include a curriculum vitae, a list of publications and projects, a statement of future research and teaching interests, and a description of the three most important achievements. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Lino Guzzella. The closing date for applications is 15 December 2017. ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. We specifically encourage women to apply.
1. Register for a free online account on ScienceCareers.org.
2. Search thousands of job postings and find your perfect job.
3. Sign up to receive e-mail alerts about job postings that match your criteria.
4. Upload your resume into our database and connect with employers.
5. Watch one of our many webinars on different career topics such as job searching, networking, and more.
6. Download our career booklets, including Career Basics, Careers Beyond the Bench, and Developing Your Skills.
7. Complete an interactive, personalized career plan at “my IDP.”
8. Visit our Career Forum and get advice from career experts and your peers.
9. Research graduate program information and find a program right for you.
10. Read relevant career advice articles from our library of thousands.

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10 ways that Science Careers can help advance your career
Assistant Professor of Human Pathogen or Vector Biology. The Department of Biological Sciences seeks faculty candidates who study the biology of human pathogens or vectors of importance to global health. Individuals with expertise in any area involving the biology of a human pathogen, pathogen vector, or the response of the human host to infection, particularly those with cross-disciplinary research programs, are encouraged to apply.

Assistant Professor of Infectious Disease Epidemiology. The Department of Biological Sciences in concert with the Eck Institute for Global Health (http://www.nd.edu/~eigh) seeks faculty candidates who use quantitative approaches to study mechanisms that influence the dynamics and/or control of human pathogen transmission. Candidates with cross-disciplinary interests in areas including epidemiology, quantitative modeling, disease ecology, or evolutionary approaches are encouraged to apply.

Both new faculty will contribute to the undergraduate and graduate teaching mission of the Department of Biological Sciences. The successful candidate will be expected to establish a vigorous externally funded research program that complements active interdisciplinary research in the department and across the University.

New faculty will join an integrative and collaborative research community with expertise that spans the breadth of the life sciences. Several faculty have active research partnerships with international field sites and associated partners, including in Africa, Latin America, Asia, and the South Pacific. Department faculty have access to state-of-the-art genomics, bioinformatics, computing, mass spectrometry and proteomics, and imaging cores, specialized BSL-3 containment laboratories, insect rearing and research facilities, and an AAALAC-accredited animal facility. Information on department and other college faculty and facilities can be found at http://biology.nd.edu and http://science.nd.edu. Opportunities also exist for collaboration with faculty at the adjoining Indiana University School of Medicine-South Bend.

The University of Notre Dame seeks to attract, develop, and retain the highest quality faculty. The University is an Equal Opportunity Employer committed to building a culturally diverse workplace. We strongly encourage applications from female and minority candidates. Review of applications will commence November 27, 2017, and will continue until suitable candidates are identified. Qualified individuals should submit in PDF format, a cover letter, curriculum vitae, separate statements of research and teaching interests, and contact information for three references to apply.interfolio.com/45883 for the Pathogen/Vector Biology position, or to apply.interfolio.com/45903 for the Epidemiology position.

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The Leipzig School of Human Origins

- An International Max Planck Research School -

by the

University of Leipzig

and the

Max Planck Institute for Evolutionary Anthropology

The Leipzig School of Human Origins is a unique interdisciplinary PhD program that combines different scientific disciplines to study the evolutionary history and origins of humans and other primates. Candidates may apply with selected research groups from the following three disciplines:

- Comparative and Molecular Primatology
- Functional Genomics and Paleogenomics
- Human Behavioral Ecology and Developmental Psychology

The PhD program provides training and research opportunities for university graduates who wish to work towards a PhD in anthropology, biology, biochemistry, bioinformatics, computational biology, evolutionary genetics, behavioral ecology, and other related fields.

The language of the school is English. Visit www.leipzig.de for information on living in Leipzig, Germany, in the center of Europe.

For project and application details go to www.leipzig-school.eva.mpg.de or contact us at:

e-mail: leipzig-school@eva.mpg.de
phone: ++49 (0) 341 3560-0
fax: ++49 (0) 341 3560-119

Application deadline: December 01, 2017

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Yale School of Medicine

Department of Neuroscience

New Haven, CT 06520-8001
http://medicine.yale.edu/neuroscience/index.aspx

Science Writer/Department Scientific Affairs Coordinator

We have an open position for a scientist with excellent writing skills, expertise with information technology, social media and past research experience to support the scientific activities of the Neuroscience Department and the Yale Kavli Institute for Neuroscience.

Duties of the position will be diverse and will include assisting faculty in the preparation of grant applications and in the identification of funding sources, managing web sites, fostering communication of Department activities to the neuroscience community at Yale and beyond. He/she will be embedded in the intellectual environment of a very strong and collaborative neuroscience research community, whose focus spans from molecular and cellular neuroscience to system and cognitive neuroscience.

The applicant, who will be hired in a Research Faculty position, should have a PhD degree in a biological discipline, with preference for neuroscience; postdoctoral experience and/or experiences as an independent investigator is preferred but not required. Experience in scientific writing and outreach is highly desirable. Outstanding interpersonal skills, enthusiasm at working with others, drive to learn and passion for neuroscience required.

Please send a cover letter, curriculum vitae and arrange for submission of 3 letters of recommendation that should include comments on writing skills. All application materials should be submitted electronically to apply.interfolio.com/45632. Applications will be reviewed as they are received and until the position is filled with priority given to those applications received by November 30, 2017.

Yale University is an Affirmative Action/Equal Opportunity Employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.