Assistant Professor in Disease Ecology and Evolution

The Department of Ecology and Evolutionary Biology at Tulane University invites applications for a tenure-track position at the Assistant Professor Level. Candidates are required to have a Ph.D. in a related field at the time of application and postdoctoral research experience is preferred. The desired area of specialization is Disease Ecology and Evolution. For details about this position and to apply, please see website: https://apply.interfolio.com/54152.

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China’s Universities Adjust to Meet “Double-First Class” Initiative

On August 28, 2018, Zhang Yu, one of the faculty members at a university in Northern China, was informed by his colleagues that the “Instructions on Accelerating the Process of Constructing World-Class Universities and First-Class Disciplines” were posted on the website of the Ministry of Education of the People’s Republic of China. He then rushed to read the document on his computer.

These instructions, which Yu valued so much, were released jointly by the Ministry of Education, Ministry of Finance, and National Development and Reform Commission—three Chinese ministries that take full charge of the “Double First-Class” initiative in its planning and deployment, promotion and implementation, and supervision and management. Since the publication of “The Overall Plan for Promoting the Construction of World-Class Universities and Disciplines” in 2015, and of the “Implementation Measures (Provisional) for Promoting the Construction of World-Class Universities and Disciplines” in 2017, the release of the “Instructions” is the latest development in the Double First-Class initiative, aimed at providing more specified guidelines on construction directions, priorities, and the like for a few universities still in their infancy, and further elaborating on the status of Chinese universities as the main subject of responsibility, construction, and benefits.

To Yu’s relief, there was no mention of his university’s elimination from the initiative in the “Instructions.” This had concerned him because the university had entered into the Double First-Class list while putting on a poor performance in last year’s fourth national evaluation of subjects for China University Subject Rankings. The Double First-Class construction plan is based on subject rankings; however, the development of subjects cannot happen overnight. And what is more, impelled by a round of new policies, all universities are trying in every possible way to comply at breakneck speed or to find workable shortcuts. Outsiders cannot fully grasp the intense competitive atmosphere that this situation has created.

There are many examples of faculty members such as Yu who are concerned about their...
future. In fact, the prospect of entering or being eliminated from the Double First-Class list has long strained the nerves of all universities, all because of the “dynamic adjustment mechanism” that lies at the core of the crucial document. This feature underlines the major difference between the Double First-Class plan and the previous 985 Project and 211 Project, which is the introduction of a competitive element into the program.

As we can see from the timeline for the initiative, with the dynamic adjustment mechanism set up to spur improvements by colleges and universities the first grueling test for them will be carried out in 2020, highlighting the importance of the “Instructions” as a connecting document.

Back in March 2017, the Double First-Class plan did not decide the number of universities that would be included in the final list. Consequently, a burst of enormous enthusiasm for participating in the initiative was shown among all Chinese universities, with more than 20 provinces announcing new development and construction programs for local universities in the next five to 10 years. Nevertheless, when the official list was released in September 2017, the outcome was not at all what everyone expected.

Out of the total number of universities in China—nearly 3,000—the 137 selected for the list were just a small fraction. All the traditional “985” and “211” universities were included. Although no longer the driving force behind the development of China’s education, the 985 and 211 Projects still played an important part in this new initiative. Nevertheless, many formerly prestigious comprehensive universities with high hopes of being selected were overtaken by industry-based universities with characteristic subjects. From an alternative perspective, this outcome once again proved the importance of subjects to the Double First-Class initiative.

If we review the list in terms of subjects, China’s First-Class Educational Institutions have focused on building their preponderant disciplines into first-rate ones. The 137 universities are classified into three categories, as (1) Type A and (2) Type B of First-Class Educational Institutions, and (3) Double First-Class discipline universities, which are focused on building their preponderant disciplines. A further exploration into the data reveals that more than 400 subjects taught by those 137 universities have become world-class disciplines. Of those, Peking University and Tsinghua University lead with 41 and 34 world-class subjects, respectively, followed by Zhejiang University with 18, then Fudan University and Shanghai Jiao Tong University, both with 17. These five universities have accounted for 127 world-class subjects, which is 27 percent of the total.

The dominant universities in the list appear to invest more heavily in building existing research teams and attracting top talents both at home and abroad than do other universities. So how will China’s other universities manage to compete with these powerhouses?

It is a question of great concern to experts in specialized fields. Large-scale institutional development has little meaning in today’s environment. On the contrary, the only road many universities can follow successfully will be to focus on building their preponderant disciplines.

According to last year’s fourth national evaluation of academic subjects, 30 universities on the Double First-Class list failed to enter the China University Subject Rankings (Type A), and some of those are even on the list of First-Class Educational Institutions (Type B). No wonder many universities are worried about their spot on the next list.

Yu’s university is no exception. In fact, for many Chinese universities, the dynamic adjustment mechanism in the Double First-Class list is a source of enormous stress. Universities not on the list are scrambling for a spot on it, while universities already on the list are struggling to maintain their position. Some observers claim that for certain provinces, only one or two universities were included on the list, in part to address the gap between different regions. For these provinces, the adjustments that will come in two years may only involve expansion or internal modifications rather than elimination. Of course, measures will be taken according to existing conditions by then.

The introduction of the adjustment mechanism into the Double First-Class initiative has no doubt swept all Chinese universities into the rising tide of educational competition like never before, whether they are on the list or not. Universities on the list, such as Zhejiang University, National University of Defense Technology, Xi’an Jiaotong University, Jinan University, Harbin Engineering University, Southwest Jiaotong University, and Tianjin Polytechnic University, are capitalizing on their early lead to further develop their competence. Other universities not on the list, including ShanghaiTech University, Southern University of Science and Technology, Xi’an University of Science and Technology, South-Central University for Nationalities, and Tianjin Normal University, are also working to increase their standing. The newly authorized Westlake University is established under China’s modern education system and will serve as an important model for future educational institutions. All these schools present a great opportunity for scholars in many different fields to showcase their talents in China.

We welcome excellent scholars interested in applying for talent programs to contact us through AcaBridge (consultant@acabridge.edu.cn), which provides one-on-one consultations. Further information can be found at www.edu.cn/syl.
Systems Science at Beijing Normal University (BNU)  
— Striving for Excellence

Systems science, as a new scientific field, is a featured top-ranking discipline of Beijing Normal University (BNU), geared to the needs of contemporary scientific progress and social development. In order to achieve the goal of the First-class Discipline Plan, BNU has decided to center around developing the fundamental theories of systems science through interdisciplinary collaboration with other disciplines, such as brain and cognitive neuroscience, global change and earth system science, and social governance, thereby deepening our knowledge of all fields concerned and discovering the underlying laws of complex systems.

The History and Achievements of Systems Science at BNU

Since the early 1980s, there have been four BNU scholars who went to the Free University of Brussels and earned their Ph.D. degrees from Professor Ilya Prigogine, the 1977 Nobel laureate in chemistry and founder of the “Brussels school”. Back in China, they introduced self-organization theory into Chinese academia. With the full support of Professor Qian Xuesen(Hsue-shen Tsien), BNU founded the undergraduate program of systems theory in 1985 and initiated the construction of systems science discipline.

In the course of more than 30 years of discipline construction, BNU, by virtue of its unique academic heritage and innovation, has greatly advanced the construction of China’s systems science discipline. Having inherited the academic advantages of the “Brussels School”, BNU is committed to developing the general concepts and universal methods in complex systems and helps set the direction for the research of the basic theories in complex systems in China. BNU has built the world’s first complete framework of systems science talent development and formed a prominent multidisciplinary collaborative research platform, with a great reputation at home and abroad. Its research findings are highly valued by the international academic community, reported and reviewed by such international media as Nature, Science, Science Today, MIT Technology Review, and BBC.

Opportunities and Challenges in Systems Science

The 21st century is a century of complexity. The development of science and technology has ushered us into the era of researching and regulating complexity. The importance of systems science in the future academic framework has gained the consensus of the international academic community. In the National Plan for the Development of Science and Technology, the Chinese government has made it a point to “the giant open system and complex systems” as a frontier research topic. “Complex systems, disaster formation and predictive control” are listed as basic research areas as required by the national strategies. Driven by the development of information technology, the core issues that arise in many disciplines, such as social economy, biological ecology, resources, environment, and education, tend to be systematic and complex. Social and economic development also brings about overall and complex problems. To solve these problems, systems science is urgently needed.

Contents and Objectives of Systems Science Discipline Construction at BNU

As the core discipline of the First-Class Discipline Plan, systems science is expected to spearhead the improvement of BNU’s discipline construction, meet the demands of the new era for the development of science and technology, and achieve the goal of the national development strategy.

i. Cultivate high-quality compound talents who understand the basic concepts and master the analytical methods in systems science, so that BNU will become a crucial base for talent training of all levels in systems science.

ii. Strengthen the research on the basic theories of systems science, discover the universal laws underlying complex adaptive systems, and improve the concepts, theories and methods of systems science. To meet the needs of major national strategies, BNU will conduct interdisciplinary research to solve key issues in science, technology and the national economy. Breakthroughs are expected to be made in the areas of group decision making, brain and cognitive neuroscience, global change, and social governance.

iii. Create a social service platform of systems science, establish a national-level consulting service center based on big data analysis, develop a social service training framework of systems science, disseminate the idea of systems science, and demonstrate the discernible value of systems science.

iv. Build a platform for international exchange and cooperation in systems science, expand the international academic influence of systems science as a discipline, establish the “BNU International Science Center for Mathematics and Complex Systems” and become an important international base for talent training and scientific research in systems science.

Building a first-class team on systems science research is not only one of the goals of discipline construction, but also the basis for achieving its many other goals. BNU will attach equal importance to cultivating the most promising talents and hiring the most qualified experts. We cordially welcome job applicants and visiting scholars with expertise in systems science and related areas.

For more information, please contact us:
Website: http://sss.bnu.edu.cn
Email: sss@bnu.edu.cn
Address: School of Systems Science, Beijing Normal University, No. 19, XinJieKouWai St., Haidian District, Beijing, P.R.China 100875
Currently, China’s higher education has prioritized the “double world-class project”, which brings each university new opportunities and possibilities. What plans and policies does Tianjin University have in place? What are the strong disciplines? How to build them into world-class ones in the coming years?

To construct world-class universities is of strategic importance for the development of China’s higher education. Founded in 1895, Tianjin University (TJU) is the first modern university of China, with a long history and outstanding reputation. Now, the university has been included into the national scheme of building world-class universities. In light of the university capacity, a “three-step” growth strategy has been formulated with an aim to build TJU into a world-class university when it celebrates its 150th anniversary.

Disciplines are fundamental to construct world-class universities. In recent years, TJU has been restructuring and optimizing its disciplines, and the quality of disciplines has steadily improved. The latest ESI (Essential Science Indicators) data shows 8 subjects have ranked top one hundredth in the world, including the Materials Science, Engineering, Chemistry, Agricultural Science, Physics, Biology and Biochemistry, Computer Science, Pharmacology and Toxicology. Among them, Engineering, Chemistry and Materials Science enter into the world’s top one thousandth. According to the 2017 academic assessment by the Ministry of Education, 14 disciplines of TJU have ranked disciplines A-Level, including Chemical Engineering ranked national No.1 for the four consecutive rounds.

As a comprehensive university with distinct strength in Engineering, TJU has refined its disciplinary layout that integrates Engineering with Sciences, Humanities and Social Sciences and Medicine, while encouraging and fostering cross-disciplinary education and research. Specifically, Tianjin University has highlighted the ten key areas, including Chemical Energy, New Materials, Management and Economics, Chemistry and Life Sciences, Sustainable Building and Environment, Construction Engineering Safety, Intelligent Manufacturing, Photoelectric Information, Data Science, and Environmental Ecology.

The “double world-class project” is inseparable from outstanding faculty members. What specific measures does Tianjin University take to attract and retain talents, especially those from overseas?

A world-class faculty team is the cornerstone of the “double world-class” construction. Focusing on Emerging Engineering Education, TJU is systematically adjusting and optimizing the disciplinary layout. To that end, the university has promoted comprehensive and in-depth reform of the tenure system that is comparable to international practices so as to recruit and nurture top talents.

At present, through the implementation of the “Peiyang Scholar Scheme Distinguished-CORE”, TJU is actively setting up a system for selecting and hiring global talents. The “Peiyang Forum for Young Scholars” will be held twice a year to gather talents around the globe on TJU campus for communication and collaboration. At the same time, the university encourages TJU faculty “going out”, with delegations at the university, school, and department level traveling overseas for recruitment. International academic conferences can be an alternative, with TJU participants advertising and introducing the recruitment program to global experts. By providing internationally competitive salary, sound household insurance, advanced research equipment, and respect and attention, the university invites all talents to join TJU family with great sincerity.

Concurrently, Tianjin University is committed to building a “Peiyang Faculty Tenure System”, which provides favorable conditions for the development and nurturing of overseas talents including the establishment of independent innovation research funds, the construction of multi-disciplinary research platforms, the establishment of large-scale public instruments and equipment sharing experimental centers. With adequate support and excellent services, TJU has been fostering an academic eco-system that is conducive to the attraction, growth, and clustering of overseas talents.

By actively implementing a series of recruitment and nurturing policies, Tianjin University strives to attract and retain top talents, with an aim to form a teaching team with strong expertise and appropriate structure. This sets a solid foundation for building itself into a world-class university. As the president of Tianjin University, I’d like to welcome all the talents at home and abroad to join us to work for a brighter future of the university!
Double First-Class Initiative for Excellence in Medical Education

Tianjin Medical University (TMU), one of the premier medical universities in China, aims to become a world-recognized leading medical university oriented towards research. It is also dedicated to cultivating high-level medical specialists by focusing on education.

Located in the center of Tianjin, one of the most important economic hubs in North China and an international port southeast of Beijing, half an hour’s distance by train. The university was established in 1951 as the first medical university approved by the Chinese Government after the founding of the People’s Republic of China. Its founding president was internationally acknowledged endocrinologist Xian Yi Zhu. TMU is now a unique and comprehensive medical university that offers programs in the full spectrum of medical disciplines. It has 21 schools and departments in Basic Medical Sciences, Clinical Medicine, Pharmacy, Public Health and Nursing among others, owns 6 hospitals, contracts with 15 hospitals for the purpose of teaching, and partners with 40 hospitals. All of these facilities provide the university with the greatest resources for patient care and medical training in Tianjin. Among them, the General Hospital of TMU is the largest comprehensive hospital in Tianjin, while the Cancer Hospital of TMU is a leading oncology research center nationwide. Also, TMU possesses a unique hospital specialized in endocrinology and metabolic diseases. The ESI shows that five disciplines of TMU, including Clinical Medicine, Biology and Biochemistry, are ranked in the top 1% globally.

TMU adopts an educational mode of combining system-based curricula with practical learning at our hospitals. Every year, around 270 new undergraduate students are enrolled in the Clinical Medicine program where they can develop skills, attitudes and knowledge required by future physician practice.

TMU also provides 133 M.D and Ph.D. fellows majoring in Clinical Medicine with a very supportive environment for them to be cultivated into top-level medical workers with both a solid foundation in medicine and excellent clinical and research capacity. With over 120 international students from 48 countries every year, TMU has become one of the ideal destinations for international medical education.

Through past decades to the present, TMU has continued to promote high quality medical education, research and healthcare. In 1996, it was listed as one of the key universities nationwide in the “211 Program”, the only university in Tianjin to gain this recognition.

In 2017, due to its strength in Clinical Medicine, TMU was recognized as a World-class Disciplinary Development University in the Double First Class Initiative, the only domestic medical university to receive this honor.

In the discipline of Clinical Medicine, they focus on the basic research and clinical practice of oncology. The strategy is depicted as “1+x”, with the Basic Medical Research Center as the “1”. “x” refers to such specialized research fields of oncology as epigenetics, tumor microenvironments and precision medicine in tumor treatment. They place emphasis on advancing TMU’s core values, cultivating excellent medical personnel and making frontier R&D efforts in order to serve the society.

TMU encourages interdisciplinary research and international collaboration so as to attract highly qualified medical experts to work in it. Currently, more than 40 distinguished scholars from all over the world, including 3 academicians, are engaging in cutting-edge research and translational medicine at TMU. In the next 3 years, TMU plans to recruit another 100 talents and experts in medical research, pledging to provide them with abundant resources and state of the art research facilities. TMU has set up PI posts, hoping to attract high-level HR from all over the world who are leading in basic medicine and clinical medicine. They are ready to provide holistic support to them in fund, policy, and admission of postgraduate students, physical space, and other aspects. By working hard together with newcomers, TMU will be confident to build itself into a top-level medical university.

The strategy will be implemented in 3 steps. Step 1: by 2020, TMU will become the leading medical university in China; step 2: by 2030, it will become one of the first-class universities in China; step 3: by 2050, it will achieve international prestige as a high-level medical research university.
Southwest Jiaotong University (SWJTU), founded in 1896, is one of the oldest institutions of higher education in China. As the most comprehensive leading university in transportation, SWJTU is world-renowned for pioneering the Chinese railway transportation engineering and industry, and for its leading contributions to the development of Chinese high-speed rail system. For its sustained excellence and prominence, the University is not only selected in the country’s construction plan of world-class universities and first-class disciplines, but also placed among the key, elite multidisciplinary “211”, “985”, “2011 project (Rail transportation project superior discipline innovation platform)” and Tier-1 university equipped with graduate schools which is directly administered by the Chinese Ministry of Education. We offer comprehensive education and research programs in 26 faculties and institutes/centers, covering diverse disciplines in engineering, sciences, arts, and management ranging from undergraduate to doctoral degrees. The University owns 19 doctoral, 39 master, 75 undergraduate programs and 11 post-doctoral stations among the established 26 schools. Relying on its advantages and traditional disciplines, the university has set up 12 state-level science and technology innovation platforms and 36 provincial and ministerial-level scientific research bases, including the National Laboratory of Rail Transit (in process) and Traction Power State Key Laboratory. Thus, SWJTU has built the most complete discipline system, talent system and scientific research system in the world of rail transit.

Located strategically in Chengdu, the capital of Sichuan province—the dynamically growing West of China, SWJTU is blessed with rich heritage, unparalleled vibrancy, and a beautiful campus. Leveraging on these unique advantages and the University’s strengths, SWJTU is vigorously implementing its strategic plans of “Developing and Strengthening SWJTU: Attracting and Cultivating Talents” and building world-class universities and first-class disciplines. We earnestly look forward to welcome excellent talents at home and abroad to join us, contributing to the University’s continuing excellence.

**400 Positions for Talents from Home and Abroad Start Your Career in Chengdu Southwest Jiaotong University, Chengdu, China**

**Qualified Candidates**
Professors and research fellows from well-known universities or research institutes at home and abroad, associate professor (associate researcher), postdoctoral, and Ph.D. are welcome to apply.

**Remuneration and Benefits**
Remuneration and benefits will be highly competitive, commensurate with qualifications and experience.

**Application Methods**
Candidates should send personal detailed resumes, full texts of academic works, and citations from others, and evaluations by e-mail to the school contact email address and copy the university recruitment email: talent@swjtu.cn. The type of talent to be recruited should be indicated in the e-mail.

**Contact Information**
*University contact information*
For the introduction of talents, please contact: Southwest Jiaotong University Talent Affairs Office of Organisation Department

**Contact:** Liu Jizong, Zhang Changling  
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**Email:** talent@swjtu.cn

**Assistant Professor (Associate Researcher)**
Consultation on related issues: Teacher Management Office, Human Resources Department, Southwest Jiaotong University

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**Email:** szb@swjtu.cn  
**Website:** http://www.swjtu.edu.cn/

Southwest Jiaotong University Western Park of High-Tech Zone Chengdu, Sichuan Province, China Post Code: 611756

For More Information: [QR Code]
Welcome to North University of China

1. About us
For details, please refer to: http://www.nuc.edu.cn

2. Beauty on the Campus
North University of China (NUC) is surrounded by mountains and waters, with beautiful scenery and four distinct seasons. The campus has few smog days and thus enjoys a reputation for “the blue sky of North University of China” in the whole province.
3. The Concept of Talent Introduction

1) Improve the talent introduction system. For doctors, the “Implementation Measures for the Introduction of Doctors at North University of China” was carried out to introduce these talents according to the research background, subject category and academic level, providing outstanding doctors with a series of excellent treatments such as a research start-up fund of 500,000 yuan, a settling-in allowance of 400,000 yuan and an annual salary of 120,000 yuan. For high-level talents, the “Implementation Measures of the ‘Taihang Scholars Program’ at North University of China” was introduced to provide a research start-up fund of 15 million yuan, a settling-in allowance of 6 million yuan, an annual salary of 2 million yuan and a set of house for academician-level talents, and successfully introduced Academician Li in July this year. In addition, the university provides a very attractive annual salary of 1.2 million yuan for other top talents, as well as a research start-up fund of 10 million yuan, a settling-in allowance of 3 million yuan and a set of house. The specific treatments are available on the website.

2) Broaden the channels for overseas talent introduction. In May of this year, the “First International Scholars Forum of North University of China” was successfully held, and more than 30 overseas scholars were invited. The university promised to provide overseas doctors with 600,000 yuan for scientific research, 500,000 yuan for settling in, a 60-square-meter house and other treatments. Finally, 17 people reached the agreements of working at NUC.

3) Optimize the environment for talent growth. A green channel has been opened for the professional title evaluation, and thus excellent talents can participate in the evaluation of senior professional and technical positions. The university also helps the talents build platforms, organize teams, and promote cooperation. There is an affiliated hospital and an affiliated school in the university, as well as a sound research platform, teaching equipment, public service facilities and logistical support, which enable the faculty to keep their minds on work and free from worries.

Our university will continue to uphold the strategy of “Talents Strengthen Schools” and recruit talents as many as possible to create the bright future jointly.

Recruitment Details:
http://rlzyglc.nuc.edu.cn/index.htm
E-mail: rsglk@nuc.edu.cn
Tel: +86-351-3924993
**Thousand Talents Plan Professorship for Young Scholars**

*Beijing Institute of Technology (BIT)* announces recruitment for outstanding overseas young scholars/professionals in the broad areas of sciences and engineering. BIT, founded in 1940, has always been a leading institution of science and technology in China. In 2016-2017, BIT was ranked among the Top 400 in QS World Universities Ranking, as well as the 15th among the Chinese universities in the above rankings. The fundamental research on engineering, material science, chemistry, physics, computer, mathematics and social science in BIT is among the top 1% in ESI ranking.

**I. Qualifications and conditions:**
1. Age Limitation: 40
2. A doctoral degree obtained from a world-renowned university is required, plus over 3 years’ post-doctoral research experience;
3. The applicant is taking a formal teaching/research position in a well-known research institution or the research department of a well-known enterprise, when application is filed;
4. No limitations on Nationality.

**II. Treatments**
1. The applicant will be employed as a professor and doctoral supervisor and given special quotas for the admission of postdoctoral, doctoral, and master candidates;
2. An initial research fund of RMB 2-6 million Yuan; office and laboratory arrangements;
3. Annual salary no less than RMB 420,000 Yuan (excluding insurance, public accumulation and occupational pension no less than 120,000 Yuan) + Annual bonus;
4. Preferential housing purchase opportunity and RMB 1 million Yuan as settling-in allowance, or RMB 2 million Yuan as settling-in allowance if applicant give up preferential housing purchase opportunity;
5. If the applicant is Chinese citizen, he or she may apply for permanent Beijing residence regardless of the location of former household registration; BIT will help solve life issues with family members, such as job arrangement for the spouse and school or nursery access for children;
6. Allowance for international round-trip travel expenses if the applicant needs to travel back to China to audition for the “Thousand Talents Plan Professorship for Young Scholars”. If the applicant fails the audition, he or she may be transferred to the “Xu Te Li Program for Young Scholars” with substantial benefits.

**Contact us**
If you have any other questions or concerns, please don’t hesitate to contact with us.

**Contact:** Ms. Xia  
Tel: +8610-68914243  
E-mail: bitrcb@bit.edu.cn

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**BIT is recruiting International Teachers!**

**I. Positions**
1. Teaching & research position  
2. Teaching position

**II. Qualifications**
1. Age Limitation: 65  
2. Applicants for the teaching & research positions must hold a Ph.D. degree and the title of associate or assistant professorship or above.  
3. Applicants for the teaching positions must hold a bachelor’s degree or above and at least three years’ teaching experience in related academic fields.

**III. Treatments**
We implement a competitive salary and paid vacation.

**Contact:** Mr. Zhou  
Tel: +8610-68918577  
E-mail: bitzhao@bit.edu.cn

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**Donghua University Welcome Distinguished Scholars from Home and Abroad**

**DHU Introduction**

Donghua University, located in Shanghai, is one of the key universities under the direct administration of the Ministry of Education since 1960. It is a member of Project 211. Textile Science and Engineering is selected as world first-class discipline by the Ministry of Education in 2017. Donghua University was founded in 1951 as East China Textile College. In 1985, it changed its name to China Textile University, and to its present name, Donghua University in 1999. It is one of the first universities accredited by the Ministry of Education for granting the doctor, master and bachelor degrees.

Currently Donghua University has developed into a distinctive multi-disciplinary university, with engineering as the predominant discipline alongside the coordinated development of engineering, science, management, and the liberal arts disciplines.

**Main Disciplines**
- Textile Science and Engineering  
- Materials science and Engineering  
- Control Science and Engineering  
- Environmental Science and Engineering  
- Chemistry  
- Management Science and Engineering  
- Mechanical Engineering  
- Design

**Recruitment Positions**
- Donghua University Distinguished Research Fellow  
  1. Under the age of 35 for researchers in natural science and engineering science, or under the age of 40 for researchers in humanities and social sciences.  
  2. Applicant should get PhD degree and have post-doctor experience or obtained assistant professorship or above in prestigious overseas universities, or professors in domestic high-level universities or institutions.  
- 1000 Plan Professorship for Young Talents  
- 1000 Plan Professorship  
- Chang Jiang Scholars Program

**Contact Information**
E-mail: rcb@dhu.edu.cn  
TEL: +86-02167792043  
More details available at http://web.dhu.edu.cn/rcbdhu/
I. Introduction to Zhengzhou University

Zhengzhou University, as one of the “211 Project” key universities in China, is included in the national scheme of ‘Development of World-Class Universities and World-Class Disciplines’ and co-developed by the Ministry of Education and Henan Provincial Government. We admit students nationwide (including Hong Kong, Macao and Taiwan) with over 54,000 full-time undergraduates, 19,000 postgraduates and over 2000 international students from more than 91 countries and regions currently studying with us.

There are 12 fields of study available at our university including Science, Engineering, Medicine, Literature, History, Philosophy, Law, Economics, Management Science, Pedagogy, Agriculture and Arts. Clinical Medicine, Material Science & Engineering and Chemistry are included as disciplines in the national scheme of ‘Development of World-Class Universities and World-Class Disciplines’. Chemistry, Material Science, Clinical Medicine, Engineering, Pharmacology & Toxicology are ranked within the top 1% according to ESI.

We have ten national research platforms such as the National Engineering Research Center and the National Engineering Lab. With a total of over 5700 faculty members, there are 11 Academicians of the Chinese Academy of Sciences and the Chinese Academy of Engineering, two Fellows of the Chinese Academy of Social Sciences, three Academicians of overseas academies, eight Professors granted ‘National Science Fund for Distinguished Young Scholars’, two winners of the ‘Chang Jiang Scholars Program’ and seven professors included in the national ‘Thousand Talents Plan’.

Medical education at Zhengzhou University started as early as 1928 at the Fifth National Sun Yat-sen University. In 1952, Henan Medical University was established as an independent Medical University that represents the beginning of medical education in Henan Province. The former Zhengzhou University was established in 1956 as the first comprehensive university after the founding of the People’s Republic of China and was included as a national ‘211 Project’ Key University. Zhengzhou University of Technology was founded in 1963 and this key university used to be under direct administration by the Ministry of Chemical Industry. In July 2000, the former Zhengzhou University, Zhengzhou University of Technology and Henan Medical University merged to become the current Zhengzhou University.

At a new historic starting point, Zhengzhou University has adopted the strategy of enhancing development through attracting high performers. At present, we have fostered a large team of talent led by Academicians and outstanding experts, with winners of the ‘National Science Fund for Distinguished Young Scholars’, ‘Chang Jiang Scholars Program’ and the ‘Recruitment Program of Global Experts’ as academic leaders, and young scientists with a doctoral degree as a backbone force. Zhengzhou University aims to be in the top tier in the world, which is in accordance with the social and economic development of the Central Plains, with the expectation of the hundreds of millions of Henan natives to enjoy quality higher education, with the trust of making this university better and stronger, and with the belief in the rising of Central China and the great revival of the Chinese nation. Located in the Central Plains, we - by upholding the principle of truth-seeking - will assume the responsibility and strive to be recognized as a world-class, comprehensive, research-orientated university.

We sincerely invite outstanding scholars from home and abroad to join us to make Zhengzhou University a world leader.

II. Positions

1. Chief Scientist
Academicians of the Chinese Academy of Sciences or the Chinese Academy of Engineering; Fellow of the Chinese Academy of Social Sciences; Academicians of academies of developed countries; Nobel Laureates, Turing Award winners, Fields Medal winners or experts with equivalent academic achievements.

2. Academic Leader
Experts included in the ‘Thousand Talent Plan’ and ‘the Recruitment Program of Global Experts’; winners of ‘Chang Jiang Scholars Program’, ‘National Science Fund for Distinguished Young Scholars’ and ‘National Special Support Program for High-level Personnel Recruitment’; Professors of world-renowned universities or experts with equivalent academic achievements.

3. Backbone Scientist
Experts included in the young scholar program of ‘Thousand Talent Plan’; winners of ‘Outstanding Youth Science Foundation’ and young scholar program of ‘Chang Jiang Scholars Program’; Associate Professors of world-renowned universities or experts with equivalent academic achievements.

4. Outstanding Young Talent
Young scientists with great potential to become leaders in relevant fields with outstanding achievements; under 35 years of age in principle.

III. Salary Package

Our university will provide excellent living and working facilities
1) Competitive salaries
2) Start-up fund and funding for platform construction
3) Settlement allowance and special treatment for university housing
4) The employment of spouse and schooling of children
5) Allowance provided by Henan provincial government and Zhengzhou municipal government as rewards or for research funding and housing.

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Career Feature:
Artificial Intelligence
Issue date: November 30
Book ad by November 15
Ads accepted until November 21 if space allows

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Artificial Intelligence (AI) is impacting science in new and exciting ways as scientists are using it to better understand society to find solutions to problems across diverse disciplines. This feature will give an overview of AI, and explore the hotspots/centers of excellence and applications for AI. Typical career paths for those working in AI will be explored as well as the opportunities that exist for careers in AI.

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**Institut Curie is recruiting a Director for its Research Center**

The Research Center of Institut Curie in France has 1,200 employees, mainly located in the center of Paris and in Orsay, working in four thematic domains around biology, chemistry, physics and bioinformatics. It is organized into 12 mixed research units (with CNRS, Inserm and Universities), bringing together 89 research teams, one translational research department and 16 cutting edge technological platforms. The consolidated annual budget of the Research Center is about 100 M€.

**Main responsibilities of the Director of the Research Center**

He/she supervises all the research and support activities of the Research Center (CDR), manages the CDR’s scientific strategy, represents the CDR externally, and implements the MC21 project, including the medico-scientific project which he/she co-directs with the director of the Hospital. In addition to his/her institutional functions, the CDR director will have the opportunity to develop his/her own research.

**Desired profiles and application methods**

The candidate must be an outstanding scientist in Life sciences with international recognition, an excellent track record in fundamental research and a proven interest in interdisciplinary approaches and biomedical applications. The applications received will be examined by an international ad hoc committee, by the international scientific board and by the scientific commission of Institut Curie.

Please send your application by email to the following address: thierry.philip@curie.fr. These applications will include a full CV and a cover letter for the position. They will be treated confidentially. Deadline for reception of applications is **10th November 2018**.
Tenure-Track Assistant Professorship in Physical Chemistry

Department of Chemistry
College of Science, Purdue University

The Department of Chemistry in the College of Science at Purdue University invites applications for a tenure-track Assistant Professorship in Experimental Physical Chemistry/Chemical Physics.

Part of a large-scale interdisciplinary hiring effort across key strategic areas in the College of Science—Purdue’s second-largest college, comprising the physical, life, and computing sciences—this position comes at a time when the College is under new leadership and with multiple commitments of significant investment.

Successful candidates will lead an experimental physical chemistry/chemical physics research program focused on advancing chemical innovation by performing measurements that address research questions of fundamental importance. Purdue has an outstanding tradition in physical chemistry, and the department is looking to integrate a creative scientist into the cutting-edge interdisciplinary environment provided by Purdue University. With 50 full-time faculty, 350 PhD students, and over 300 outstanding undergraduates, Chemistry at Purdue is one of the largest, most diverse, and most highly ranked departments in the country. The wide-ranging expertise in the Department enables fast and effective responses to interdisciplinary research opportunities, positioning the department as a key partner in many university-wide centers, institutes and initiatives, including an emerging College of Science program in quantum information science. Further, excellent facilities, including our unique research infrastructure in the Jonathan Amy Facility for Chemical Instrumentation (JAFCI), allow for on-site design and fabrication of next-generation instrumentation.

Candidates must have a PhD in physical chemistry, chemical physics, or related fields, with outstanding credentials in experimental research, an exceptional track record of publications and a strong commitment to excellence in teaching. Successful candidates are expected to develop a vibrant research program supported by extramural funding and teach physical chemistry courses at the undergraduate and/or graduate level. Applicants should submit a letter of application with curriculum vita, a summary of planned research, and a statement on teaching philosophy electronically at: www.chem.purdue.edu/facultyopenings. Applicants should also arrange for three letters of recommendation to be uploaded. Applications will be reviewed beginning October 15, 2018, and will remain in consideration until the position is filled.

Purdue University’s Department of Chemistry is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

A background check will be required for employment in this position. Purdue University is an ADVANCE institution.

Purdue University is an EOE/AA Employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Tenure-Track Assistant Professorship in Biophysical Chemistry

Departments of Chemistry and Physics & Astronomy
College of Science, Purdue University

The Departments of Chemistry and Physics & Astronomy in the College of Science at Purdue University invite applications for a tenure-track Assistant Professorship in Biophysical Chemistry. Successful candidates will be considered for a joint appointment in Chemistry (nominally 75%) and Physics (25%), and will be offered affiliation with Purdue’s new Institute of Inflammation, Immunology and Infectious Disease (PI4D), established as part of the University’s strategic investment in the life sciences.

Part of a large-scale interdisciplinary hiring effort across key strategic areas in the College of Science—Purdue’s second-largest college, comprising the life, physical, and computing sciences—this position comes at a time when the College is under new leadership and with multiple commitments of significant investment.

Successful candidates will have research interests in biophysical chemistry as related to human health-relevant biological processes, especially those related to inflammation, immunology and infectious disease or similar fields. Ideal candidates will have appropriate training in both physical and biological chemistry and would use modern biophysical methods and integrative biochemical methods to study biological macromolecules. Chemistry and Physics at Purdue together have a strong tradition of excellence in biophysical chemistry and biochemistry, and are seeking to enhance this preeminence through strategic hiring of a creative scientist to be part of the cutting-edge interdisciplinary environment provided by Purdue University.

Candidates must have a PhD in biophysical chemistry, biophysics, physical chemistry, or a related field with outstanding credentials in biophysical chemistry research, an excellent track record of or potential for leading publications and a strong commitment to excellence in teaching. Successful candidates are expected to develop a vibrant research program supported by extramural funding and teach physical chemistry and biophysical chemistry courses at the undergraduate and/or graduate level. Applicants should submit a letter of application with curriculum vita, a summary of planned research, and a statement on teaching philosophy electronically at: www.chem.purdue.edu/facultyopenings. Applicants should also arrange for three letters of recommendation to be uploaded. Applications will be reviewed beginning October 15, 2018, and will remain in consideration until the position is filled.

Purdue University’s Department of Chemistry and Department of Physics are committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

A background check will be required for employment in this position. Purdue University is an ADVANCE institution.

Purdue University is an EOE/AA Employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.