



Lancaster University College at Beijing Jiaotong University

Further Particulars

Ref: A2728 and A2729

Introduction – teaching in China

The Lancaster Environment Centre (LEC) is looking to enhance our research in Environmental Science and/or contribute to research-led teaching within Environmental Science.

The successful candidates are expected to deliver undergraduate modules in the broad areas of water sciences, soil sciences, earth sciences and hazards with the key areas being water and soil. The specific modules include:

- Hydrology: Water in the Environment (National Credit Framework Level 4)
- Natural Hazards (NCF Level 4)
- The Earth's Interior (NCF Level 4)
- Biogeochemical Cycles (NCF Level 4)
- Catchment Hydrology (NCF Level 5)
- Aquatic Biogeochemistry (NCF Level 5)
- Soil Science (NCF Level 5)

Additionally, the successful candidate will be expected to contribute towards teaching academic skills, aimed at supporting the dissertation process.

Applicants must hold a doctoral degree in Environmental Science and are expected to have records of scholarship, teaching and advising and for the Lecturer also a strong research profile. You will be required to teach versions of Lancaster modules adapted to the Chinese context. Your learning objectives should link with those of colleagues teaching climate science and environmental change to deliver a coherent segment of an Environmental Engineering programme. Our teaching is research-led, so ongoing and developing research is an expectation for the Lecturer, whilst a teaching focus is expected of the Lecturer - Scholar.

Students at the Joint Institute in Weihai and from the main campuses of both BJTU and Lancaster University will be encouraged to participate in study abroad, summer schools and other types of exchange opportunities at any of the three locations. Lancaster is committed to providing students at Lancaster University College - Beijing Jiaotong University with an excellent student experience and many of Lancaster's resources will be available to them. Academic standards will be subject to rigorous quality assurance including continuous moderation of assessment setting and marking.

Programmes in Computing, Design and Engineering are on offer to Chinese and international students, co-delivered by Lancaster and BJTU academics. Masters courses in Computing and Engineering are also available and courses in Business, Accounting & Finance and Logistics are also ongoing. Graduates will receive a degree from both institutions and a joint academic transcript.

In addition to teaching collaborations with BJTU, the universities will develop student exchange opportunities and graduates will be eligible for the Lancaster Alumni Loyalty scholarship. Lancaster and BJTU will work to develop research links and Staff at the new campus will be eligible for Lancaster's staff development programmes.

Contractual arrangements

Successful applicants will be offered indefinite contracts contingent on successful review following a period of probation. Applicants must be capable and willing to work overseas with a teaching workload for periods of time (20 weeks across the year for the Lecturer and 32 weeks across the year for the Lecturer - Scholar) and effectively use the time in between preparing and assessing at Lancaster University.

You will have a comprehensive induction at Lancaster University before your first assignment to China. During the induction period and as part of your development programme, you will be assigned a mentor for Research and/or Teaching and will be actively involved in teaching (taking seminars and marking 1st year LU labs) and research group activities at Lancaster University prior to going out to Weihai. You are required to enrol on Lancaster University's Postgraduate Certificate in Academic Practice (International) (iCAP) upon commencement of the post.

Members of academic staff are entitled to paid accommodation in Weihai, travel allowances and medical insurance in accordance with Lancaster University's International (Short term) Assignment policy.

Lancaster Environment Centre

Lancaster Environment Centre forms one of the largest and most prestigious groups of interdisciplinary environmental researchers in Europe, with over 200 staff and research and teaching that span the Environmental, Biological and Social Sciences. LEC was formed through the merger of three successful university departments (Environmental Science, Geography and the non-Medical parts of Biology) and operates as a fully integrated university department on a single site. It is the largest department in Lancaster University and a key player in the strategic development of the institution and the Faculty of Science and Technology. The co-location of the NERC Centre for Ecology and Hydrology (CEH) on the Lancaster campus as part of the LEC complex adds critical mass in environmental research capacity enabling staff from both organizations to work closely together in a formal collaboration. A distinctive feature of LEC is its Enterprise and Business Partnership (EBP) unit which hosts some 20 small companies working with LEC researchers and which has links to a large number of other national and multi-national businesses and organisations. We run both graduate and undergraduate consultancy programmes and have an extensive programme of knowledge innovation and transfer with both private and public sector partners.

Research and teaching in LEC is conducted by a community of colleagues with diverse backgrounds including: chemists, earth-atmospheric scientists, ecologists, geographers (human/physical), geophysicists, hydrologists, marine scientists, plant scientists and sociologists. Qualitative and quantitative approaches, spanning ethnography, in-depth interviews, large scale surveys, laboratory, field, modelling, policy and strong stakeholder/end-user engagement are all employed. Our four research challenges, Agri-Food, Eco-Innovation, Sustainable Catchments and Tropical Futures, provide a focus for our fundamental and applied research, ensuring our work helps provide the underlying knowledge needed to find effective solutions. Staff members work in multi-disciplinary research groups focusing on: Atmosphere, Climate and Pollution; Critical Geographies; Earth

Science; Ecology and Conservation; Environmental and Biochemistry; Geospatial Data Science; Plant and Crop Science; Political Ecology; Soil, Plant and Land Systems; and, Water Science.

LEC currently admits about 230 undergraduate students and 80 postgraduate (MSc/PhD) students each year and teaches across a wide range of degree schemes. Our teaching methods range from small group discussions and lab based experiments to international fieldwork. In collaboration with the Centre for Ecology and Hydrology (CEH) and Rothamsted Research we have a 'Graduate School for the Environment' with the aim of creating a 'World-leading and distinctive entity for PG training, research and professional development', which will enhance our postgraduate activities.

LEC offers a highly inclusive and stimulating environment for career development. We are committed to family-friendly and flexible working policies on an individual basis, as well as the Athena SWAN Charter, which recognises and celebrates good employment practice undertaken to address gender equality in higher education and research.

The University

Lancaster is a world-class university with an international reputation for excellence in teaching, scholarship and research. Out of over 120 UK Universities, we are consistently in the top ten and have maintained our 6th place position in The Times and The Sunday University Guide 2019. Lancaster University has been awarded the highest possible score in the UK government's 2017 Teaching Excellence Framework (TEF) ratings. Our TEF Gold rating is based on high quality teaching, excellent teaching facilities and the good careers our graduates go into. Established in 1964 Lancaster currently has over 12,000 students. Over £170 million has been invested into the campus since 2013, and up to £250 million is planned over the next five years. The University boasts an idyllic campus that combines city, coast and countryside all into one. The campus setting conveys a tranquil ambience whilst offering such a range of facilities it can almost be called a small town in its own right. The main Bailrigg campus is home to a range of amenities, and even its own cultural hub including a theatre, art gallery and concert series. More recently, Lancaster University has developed a portfolio of teaching partnerships overseas, as part of its global outreach internationalisation strategy.

Lancaster and the Region

The main campus lies 3 miles outside the City of Lancaster and is easily accessible via road, rail and bicycle. The city centre is just 15 minutes away by bus, and was recently ranked one of the top 10 most vibrant cities in the UK thanks to its arts scene and student population. The City of Lancaster also enjoys a long and diverse history dating as far back as 1193, and has a well-maintained iconic city centre and medieval castle. The campus is just 30 miles south of the beautiful Lake District and about the same distance from the Yorkshire Dales. It is very well connected by road and rail, with Manchester (and its international airport) just over an hour distant, while the train journey to London takes just two and a half hours.

Weihai in China

Located in the east end of Shandong Province, Weihai is surrounded by the Yellow Sea in the north, east and south with a 986 kilometers (613 miles) coastline in total. It neighbours Yantai in the west and is separated from the Korean Peninsula and Japanese chain islands by the sea in the east. Weihai is located in an undulant hilly area featuring gentle slopes and broad valleys and it has clean air compared with many other areas in China. Apart from the major hilly areas, it has broad area of littoral and mountain foot plains. The terrain of the city slopes gently, and most of the hills are less than 300 meters (984 feet) high. Its seashore area is

winding with numerous interleaving headland bays, harbors and islets. The BJTU University is located 60 km south of Weihai City in Nanhai New District.

Further information

Informal enquiries can be addressed to Dr Steve Lane, s.lane@lancaster.ac.uk , (+44) (0) 1524 593437 or Professor Phil Barker, tel. 01524 510262, p.barker@lancaster.ac.uk.