CHALLENGING
AMBITIONOUS
INSPIRING
SPIRITED

CHAIR IN
GEOMECHANICS

APPOINTMENT DETAILS
THANK YOU FOR YOUR INTEREST IN THE ROLE OF CHAIR IN GEOMECHANICS

The University of Liverpool is one of the UK’s leading research institutions and is ranked in the top 1% of higher education institutions worldwide.

With an annual turnover of £465 million, including £89 million for research, Liverpool is the original ‘redbrick’ university and a member of the prestigious Russell Group, which comprises the leading research universities in the UK.

With our Vice-Chancellor, Professor Janet Beer, the University is entering an exciting new era as we strive to maintain and enhance our dynamic reputation and performance in a rapidly evolving higher education environment. In order to help us achieve our ambitions, we are seeking to appoint a new Chair in Geomechanics.

Building on Liverpool’s significant achievements as a research powerhouse, you will be an exceptional professional joining our community of 5,500 talented staff, including 1,300 researchers, and 22,000 campus-based and online students.

The University community wishes to build on the progress made over the last 10 years and is keen to seize the opportunity and challenge of taking this great institution into the world’s top 100.

The successful applicant will join an innovative University that is passionate about inspiring people to learn and achieve, that celebrates individuality and ingenuity, energy and enterprise, and is committed to enhancing both the student experience and our research excellence.

We look forward to hearing from you.
Our university is a great place to work! As a university at the heart of the Liverpool city region, our culture of support and collaboration influences and benefits the communities in which we operate, both at home and overseas, and the institution is a major contributor to the regional economy.

We aim to give our staff and students the best intellectual, social and physical environment to research, teach, and learn in, at the cutting edge of their disciplines, and with award-winning, world-class facilities.

Liverpool graduates are global citizens, benefiting from an international curriculum and experience, empowered to address global challenges and with opportunities to study at our partner institution in China. We work hard to ensure our students form a relationship with the University that they will want to continue throughout their lives.

As a research-intensive Russell Group university with a tradition and reputation for excellence, we are currently defining a new Strategic Plan for 2016-2026.

We believe this is an exceptional university with an exceptional story to tell. And with an international network of partners, our impact is being felt all over the world.
Established in 1881, Liverpool is the original ‘redbrick’ university – the term inspired by our iconic Victoria Building.

Our mission is: ‘for the advancement of learning and ennoblement of life’ and we are proud to offer an intellectual environment where teaching and learning takes place at the cutting edge of disciplines and is driven by research excellence.

One of the great civic universities, founded by Liverpool’s leading 19th century philanthropists and steeped in history and culture, our modern, 100-acre campus is situated in the heart of Liverpool’s Knowledge Quarter – a hub for university and business collaboration – and is a short walk from the city centre. We also have a campus at Leahurst on the Wirral, 12 miles from the main campus, where our School of Veterinary Science is located. The Leahurst site has two working farms, a world-leading Equine hospital, and a Small Animal Teaching Hospital, providing fantastic teaching opportunities for our students and the best animal care for our clients.

We are committed to ensuring that we offer a truly world-class student experience, investing £600 million in our teaching, research and residential estate over a 10-year period, including £250 million in high-quality accommodation, both on-campus and off-campus at our residential site in South Liverpool, where we are currently developing a self-contained Student Village which will include catering and sports facilities.

Following investment of £25 million in state-of-the-art centralised teaching laboratories, the teaching environment for science-based subjects is amongst the best in the UK. Our new facilities have enhanced the overall student experience through the creation of a modern, high-quality and vibrant laboratory environment. Supporting interdisciplinary science, the laboratories are a new innovation in the HE sector and are transforming teaching in the physical sciences including Physics, Chemistry, Environmental Sciences and Archaeology.
ENGAGING IN GROUNDBREAKING RESEARCH

A member of the Russell Group of 24 UK research-led universities, we have a long tradition of pursuing novel interdisciplinary research that has a tangible impact on people, places, policies and the planet.

Associated with no fewer than nine Nobel Laureates, the University is recognised for its high-quality research, with more than half of our staff ranked world-leading or internationally excellent.

Our research collaborations extend worldwide, bringing together academics, many of whom are internationally-renowned, from across our three Faculties of Health and Life Sciences, Science and Engineering, and Humanities and Social Sciences to conduct research that addresses some of the most pressing global challenges.

Liverpool is one of only three UK institutions to offer the full range of clinical subjects. We prioritise joined-up thinking across the spectrum of scientific discovery, clinical research and healthcare provision in pursuit of safe, effective therapies and practice to make life better for patients and professionals.

We focus our academic efforts around seven research themes representing the ‘great grand challenges’ faced by mankind:

• Changing Cultures
• Global Health
• Living with Environmental Change
• Materials for the Future
• Personalised Health
• Security and Conflict
• Sustainable Energy.

We have invested significantly in staff, resources and cognate groupings in order to improve our research performance and this has helped to achieve a marked improvement in the number of Research Council awards we are receiving. But we need more. We have also improved our collaboration with colleagues in the N8 group of high performing Northern universities, the NHS, and industry, as well as cultural partners, in order to strengthen our position within the sector.
The School of Engineering is one of four schools within the Faculty of Science and Engineering, which is led by the Executive Pro-Vice-Chancellor Professor Ken Badcock. The School has benefited from substantial investment in the past decade, leaving it well placed to build on its current healthy position. In 2005, the last of several departmental mergers was completed to form what constitutes the current School, integrating the disciplines of aerospace, civil, materials science and mechanical engineering.

From 2005-2008 the School infrastructure underwent a £36 million refurbishment, creating outstanding facilities for teaching and research. From 2003, the degree programmes have been continuously refreshed to emphasise new ‘active learning’ approaches to teaching and learning, professional skills and industrial engagement, reinforced through membership of the international CDIO consortium (cdio.org).

The School of Engineering currently has over 55 academic staff (expanding by 2018 to 70 staff), around 1100 undergraduate students, 100 PGT students and 120 PGR students. Led by Professor Ahmed Elsheikh, the School is organised into three research-oriented Centres, equivalent to Departments in the University structure.

These Centres are:
- Centre for Materials and Structures – Centre Director: Professor Yuyuan Zhao
- Centre for Engineering Dynamics – Centre Director: Professor Rob Poole
- Centre for Engineering Sustainability – Centre Director: Dr Steve Jones

The Centre Directors are usually appointed from among the Professors, Readers and Senior Lecturers in the School, on the recommendation of a Selection Committee. The appointments are normally for a period of three years with the possibility of re-appointment.

The Centres bring together staff from across the School in areas that have significant research activity and potential for further development. Each of the Centres provides support for the major degree programmes in the School (Aerospace Engineering, Civil Engineering, Mechanical Engineering and the newly created Industrial Design). The new post will reside within the Centre for Engineering Sustainability.

The School Management Committee is responsible for resource decisions in the School and consists of the Head of School, the Centre Directors, the Chair of the Board of Studies, the Director of Research, and the School Manager.

The University of Liverpool is a member of the Athena SWAN Charter to promote women in Science, Engineering and Technology and holds a University Bronze Athena SWAN award and is working towards an application for Silver Athena SWAN status. The School of Engineering has recently been awarded its own Bronze Athena SWAN award. The School of Engineering is committed to providing organisational and cultural practices that promote gender equality in science, engineering and technology and create a better working environment for both men and women. Job applications are particularly welcome from women and ethnic minority candidates, who are under-represented in academic posts in the School.

For further information on the School of Engineering, please visit the website at: www.liverpool.ac.uk/engineering.
The Centre for Engineering Sustainability brings together academics with various engineering backgrounds including civil, geo-environmental, structural and architectural engineering as well as risk modelling, industrial design and sustainable manufacturing. Together with partners in engineering, natural sciences and humanities disciplines across the University, academics in the Centre collaborate to address some of the major global challenges of the 21st century. Our research reflects the need for engineering science and technology to underpin our response to urgent problems such as environmental change, declining natural resources and the demand for renewable energy. Considering natural, environmental, societal, financial and other risks and hazards in this context provides a strong connection to the Liverpool Institute for Risk and Uncertainty.

The University and the School of Engineering are focusing considerable investment in Engineering Sustainability and are actively seeking to expand the research team of the Centre. The new Chair will play a key role providing research leadership through example and experience and supporting strategies for growth of research income and outputs among more junior colleagues throughout the Centre.

The Centre for Engineering Sustainability has recently undergone a reorganisation as part of a strategic plan which looks towards REF2020, the emerging Teaching Excellence Framework, and the University’s institutional Strategy 2026. Academics are organised into thematic clusters responsible for both research and teaching, in the following areas:

**Sustainable Structures**
Research in this cluster integrates a range of expertise in structural composites, structural response to vibration, cable-stayed structures, Bayesian modelling of structural dynamics, and structural performance under blast and impact. Liverpool has a long track-record in this area, which is undergoing an exciting reinvigoration that includes the launch of a major new undergraduate programme in Architectural Engineering and research collaborations with universities across the UK and in the Far East, as well as industrial partners at Arup. Together with Water and Environment, this cluster is taking a lead role in a new cross-Faculty research network around Sustainable and Resilient Cities.

**Smart Materials and Infrastructure**
This new research cluster draws on expertise in sustainable construction materials, for example compressed wood laminates, as well as an established research group in highway and pavement materials which has a track-record in development and testing of low-density, permeable, and high-durability asphalts using recycled materials. The strategic plan for this cluster will build on this foundation to develop new collaborations across the School and wider university in rapidly-growing areas of advanced materials, technology-enhanced urban infrastructure, nuclear science and engineering and enhanced sustainable urban drainage systems.
Geomechanics and Geomatics
The new Chair will take the lead in developing the strategic vision for this under-represented but crucial area of research and teaching in the Centre. Existing academic expertise in this area interfaces with Water and Environment and Smart Materials and Infrastructure, and includes bio-mineralization for strengthening of porous media, marine sediment geomechanics, remote sensing and topographic data uncertainty, together with a very strong base of professional experience in site investigation and foundation design via visiting staff from Arup. There is a strong support structure in the wider University, including potential linkages with leading academics in Earth Sciences, Geography and Planning, Maths, Physics and the NERC National Oceanography Centre. Facilitating these links is the Institute for Risk and Uncertainty, to which academics in this cluster contribute via PhD projects sponsored by the EPSRC Centre for Doctoral Training in Risk and Uncertainty. The commitment by the School to fund an additional two staff positions in this area, following appointment of the Chair, presents an outstanding opportunity to grow this exciting potential into a substantial, influential academic unit.

Water and Environment
This cluster draws on Liverpool’s long and prestigious history of coastal and maritime engineering research, which has played a significant role in the development of advanced coastal flood warning systems currently in use by the UK Environment Agency, and provision of underpinning science and engineering to the ongoing development of tidal energy particularly around the Irish Sea basin. Current expertise, applied to both terrestrial and marine environments, focuses on numerical modelling of unsteady flows and sediment/debris transport using Lattice-Boltzmann and finite-element approaches; the development and testing of catchment-scale hydrological models in support of nutrient and erosion management in both temperate (UK) and semi-arid (Jordan) environments; flow, transport and filtration of colloidal contaminants in porous media; and multi-scale modelling and experimental validation of sustainable urban drainage systems.

Industrial Design
Industrial Design has strong roots in our world-renowned research groups in materials, manufacturing and virtual engineering, but has seen a rapid expansion in the Centre for Engineering Sustainability associated with the growth of teaching programmes in Product Design and Industrial Design delivered across the University’s campuses in Liverpool, London and Suzhou, China (Xi’an Jiaotong-Liverpool University). A team of five design academics has been added to the Centre since 2014, with specialisms including design for emotion and well-being, design for interaction, digitalisation, virtual reality and multisensorial design which complement existing strengths in design for sustainability and engineering management. This cluster brings exciting links to the Virtual Engineering Centre at Daresbury as well as robust models for engineering design that benefit pedagogy and research across the range of disciplines represented in the Centre for Engineering Sustainability.
The Liverpool Institute for Risk and Uncertainty (LIRU) was founded in 2012 at the University of Liverpool as a multi-disciplinary, large-scale Research Institute. In 2015, LIRU moved into new, purpose-built facilities in the Chadwick Building at the heart of the Liverpool campus. It combines expertise in quantifying, managing and mitigating risk and uncertainty from more than ten disciplines across the University including architecture, engineering, environmental sciences, the Institute for Infection and Global Health, financial and actuarial mathematics, computer science, electrical engineering, economics and finance, management, social sciences, psychology and law. The unifying focus is the comprehensive understanding of uncertainties and associated risks as key issues in the performance assessment of complex systems, and in the development of proper mitigation strategies. With strong ties to industry, applications are pursued in a wide range of areas such as building design, climate change analysis, reliability engineering, software reliability, material science, financial modelling, socio-political harm reduction, and critical incident management.

Translating risk and uncertainty into robust design
Using LIRU’s expertise in risk and uncertainty quantification, our academics provide underpinning science in collaboration with industry partners to create sustainable, smart and robust engineering solutions that address the uncertainties which arise in engineering design. The Institute helps organisations in many fields to model and measure uncertainties, in order to achieve the reliability and safety standards they need in their engineering systems, materials and components. Solutions are based on strong practical experience of the engineering life cycle, as well as powerful techniques, such as stochastic mechanics, probabilistic, interval and fuzzy methods, and multi-scale / multi-physics modelling.

Engineering specialisms
The engineering group at LIRU is expert in fields such as stochastics modelling and testing, system identification and control, forward and inverse problems, model updating, imprecise probabilities, structural health modelling and damage assessment. This work is based on comprehensive risk and uncertainty quantification methods developed in-house. These use probabilistic, interval and fuzzy methods, often combined with imprecise probabilities techniques. The Institute focuses especially on mitigating critical threats to engineering performance, such as those presented by natural and technical hazards, extreme events and human error. To do this it brings together these risk modellers and theoreticians with scientists and engineers in mechanical, structural and environmental engineering, environmental sciences, physics and other applied disciplines, in close partnership with industry collaborators. The result, as evidenced by the award of the only sole-institution EPSRC CDT currently active in the UK, is innovative, highly multi-disciplinary and industry-focused research projects which benefit from cross-fertilisation of ideas and concepts and stimulation of research opportunities across disciplines where nonlinear, complex and high-uncertainty heterogeneous systems occur.

Engineering applications
The EPSRC CDT is entering its third year. Recent projects developed within LIRU include:

- prediction of scour around wind turbine foundations in offshore environments;
- uncertainties in flood risk modelling – nonlinear effects of evolving channel forms;
- multi-agency risk communication in major incidents;
- stigmergy-based mapping of indoor hazardous environments;
- reinforced concrete response to near-field explosions;
- efficient and energy-aware software for stochastic analysis on large-scale systems.
THE ROLE

Following both internal and external consultation with relevant authorities, the Faculty and School leadership has identified the establishment of research activity (and associated education modules or programmes) in Geomechanics as representing both a natural and powerful complement to other work within the Centre of Engineering Sustainability and also an area of significant strategic research opportunity and funding potential.

It is against this background that the University intends the appointment first of a Chair in Geomechanics and subsequently of additional Faculty in this area. The Chair will be appointed within the Centre for Engineering Sustainability but will be expected to work closely with the Liverpool Institute for Risk and Uncertainty and the School of Environmental Sciences in particular. The Chair will be expected to build activity and attract funding in Geomechanics specifically, but also to contribute to the wider strengthening of the Civil Engineering discipline at Liverpool and the Centre for Engineering Sustainability. The appointee will clearly demonstrate the mind-set and ambition required to establish and drive this activity, presenting a compelling research vision which acknowledges, inspires and engages collaborative and complementary initiatives in research and teaching.

The appointee will be a recognised geomechanics specialist with a civil/environmental engineering background and with comprehensive experience in environmental risk. The appointee should demonstrate particular expertise in geotechnical risk and uncertainty quantification. Proven capability to cross successfully the boundaries of traditional disciplines within engineering and beyond is essential. The appointee will have an excellent academic research record; this includes publishing influential papers in high-impact academic journals and a track-record of attracting substantial external funding from a range of sources. She or he will have the creative vision, interpersonal and leadership skills needed to identify and exploit research opportunities and lead projects at all scales in collaboration with established research groups within the University and with external partners in leading institutions worldwide. The ability to bring to the School a strong portfolio of existing academic and non-academic partners will be highly desirable, as will experience of working for and within non-academic stakeholder organisations. The appointee will report to the Head of School of Engineering. The post is permanent and will commence as soon as possible.
THE PERSON

It is expected that you would demonstrate the following values, skills and experience:

**Significant leadership experience at a strategic level including:**
- Leading and driving strategies to support delivery of the University’s objectives
- Developing key working relationships and to quickly establish credibility within a new role, building partnerships and influence at all levels within relevant academic institutions and communities, and with industry
- Developing a communications structure to ensure that information is shared appropriately, in a timely manner and consistently, as well as encouraging engagement of colleagues at all levels.

**Well developed leadership skills including:**
- People management skills and the ability to set and review objectives and standards and provide feedback, guidance and direction
- Highly developed interpersonal skills enabling the use of different communication styles to engage others and promote clarity and understanding
- Strong analytical skills including, scenario planning, analysis, problem solving and decision making.

The following core values aligned with the University Strategy 2026:
- Globally-focused in both research and teaching activities
- Rooted in delivering or supporting the delivery of world-leading research excellence
- Commitment to academic freedom and to guaranteeing the integrity of research in the context of clear accountability and personal responsibility
- Business excellence
- Promoting the strengths of diversity and championing equal access and opportunities.
- Transparency, robustness and efficiency of decision-making processes
- Ensuring institutional sustainability
- Willingness to consult with staff, students, industrial partners and alumni.

The following leadership values:
- Creating a sense of common purpose around a shared vision/ goal
- Driving excellence and innovation in others.
- Having integrity, showing respect and ensuring dignity for all
- Empowering colleagues through delegation and trust
- Building a learning culture and encouraging learning from mistakes
- Encouraging teamwork and collaboration.
- Motivating and supporting people to reach their highest potential and celebrate their success
- Being accountable and taking personal responsibility.

The following behaviours:
- Treating colleagues and stakeholders with respect, dignity and courtesy at all times
- Behaving fairly and consistently
- Displaying leadership within his or her sphere of influence
- Communicating and consulting with stakeholders regularly
- Team working and collaboration
- Focusing on outputs and achievements
- Being motivated and seeking to fulfil potential through continuous improvement
- Being accountable and taking personal responsibility for his or her own work and actions.

The following leadership values:
- Creating a sense of common purpose around a shared vision/ goal
- Driving excellence and innovation in others.
- Having integrity, showing respect and ensuring dignity for all
- Empowering colleagues through delegation and trust
- Building a learning culture and encouraging learning from mistakes
- Encouraging teamwork and collaboration.
- Motivating and supporting people to reach their highest potential and celebrate their success
- Being accountable and taking personal responsibility.
THE PERSON (CONTINUED)

Essential Criteria
The appointee will demonstrate:

- An outstanding record of research distinction in the area of geotechnical engineering and risk
- Evidence of leadership in research and research strategy, including national and international reputation in the field of geomechanics
- A proven capability to identify research opportunities and translate these into substantial funded research projects through the transfer of techniques and methodologies across the boundaries of traditional disciplines;
- A PhD in engineering or a relevant physical or mathematical science discipline
- Outstanding interpersonal, communication and networking skills
- The ability to lead multidisciplinary research teams to deliver high-quality research and impact outcomes, knowledge exchange activity and research-led teaching.

Desirable Criteria
It is desirable for the appointee to demonstrate:

- A strong record of teaching excellence delivering geomechanical and geotechnical courses at undergraduate and postgraduate level
- An established portfolio of research assets (equipment, associates, PGR students etc.) with potential to transfer to Liverpool on appointment
- Senior membership of a higher education professional body, such as SFHEA or PFHEA, or demonstration of sufficient body of teaching experience to apply for one of these
- A professional qualification (eg MICE, CEng) and active professional engagement in a relevant engineering discipline.

Conditions of appointment
Any appointment to this post will be subject to the University's standard conditions of appointment. No person other than the Director of Human Resources has authority to notify a variation in these conditions. Any purported variation made by any other individual shall be void and not binding upon the University. Heads of School/Departments in the University are appointed by the Council, normally for a period of three years but with the possibility of re-appointment, from among the Professors, Readers and Senior Lecturers in the School / Departments, on the recommendation of a Selection Committee consisting of the Vice-Chancellor and the Pro-Vice-Chancellors. Professor Ahmed Elsheikh is currently the Head of the School of Engineering.
COMPETING ON A GLOBAL SCALE

Ranked in the top 150 universities in the world by the Academic Ranking of World Universities, there are 7,400 international and EU students from 115 countries currently studying at Liverpool.

We are the largest provider of 100% online postgraduate degree courses in Europe, with some 10,000 students currently studying for University of Liverpool degrees all over the world.

This global focus has led the institution to establish a university in the World Heritage city of Suzhou near Shanghai, in partnership with Xi’an Jiaotong University – a top 10 university in China. Representing a new model for a British operation in Higher Education in China, Xi’an Jiaotong-Liverpool University (XJTLU) is based in Suzhou Industrial Park – one of Asia’s most successful business parks and a hub for foreign investors, attracting 3,300 international organisations including 84 Fortune 500 companies. This unique partnership has recently been voted ‘Most influential Sino-foreign Higher Education Institution in China’.

As well as establishing a campus in London, we are building partnerships with leading institutions across the globe that can provide the best opportunities for collaborative research and study, ensuring that our programmes are underpinned by international research and providing opportunities for students to learn a language and study abroad as part of their programme.

The University’s International Graduate School also gives postgraduate students the opportunity to undertake research in some of the world’s most prestigious universities and research institutions, enabling collaborators to tackle massive societal challenges and offering a truly international experience for young researchers.

“LIVERPOOL STAFF, STUDENTS AND GRADUATES ARE AMBASSADORS FOR AMBITIOUS AND ORIGINAL THINKING. TODAY THEIR IDEAS, AND THE GROUNDBREAKING RESEARCH THEY UNDERTAKE, ARE HAVING A GLOBAL IMPACT AND HELPING TO SHAPE OUR WORLD.”
O F F E R I N G  
A B R I L L I A N T  
S T U D E N T  
E X P E R I E N C E

The University offers much more than a high-quality degree and we are proud that our students benefit from a vibrant research environment with excellent teaching facilities as well as first-rate careers guidance and a wealth of extra-curricular activities.

Liverpool is an academically strong institution offering more than 445 university programmes across professionally-focused disciplines and academic subjects. We work closely with the Liverpool Guild of Students to provide a culture where students feel valued, supported and inspired to achieve, with access to state-of-the-art facilities, award-winning accommodation and comprehensive pastoral care and careers support.

Liverpool is one of the top 25 universities in the UK targeted by leading graduate employers, and 95% of our graduates are currently in employment or further study. Taught by experts, our programmes challenge students to equip them for their career with an emphasis on problem-based learning, placement opportunities, comprehensive academic and personal support, and an active extra-curricular programme.

The University has also opened a campus in London. Based in Finsbury Square, the campus increases the number of students able to study for a research-led Russell Group degree in London and enables us to bring the characteristic spirit of individuality, ingenuity and enterprise from our home city to the capital – for a uniquely Liverpool experience in London.

Close to the financial heart of London, the campus offers postgraduate degrees in Architecture, Accountancy, Law, Psychology and Public Health, benefiting from accreditation with key professional bodies in the City. It also offers graduates, professionals and employers the opportunity to enhance their capabilities in one of the world’s most dynamic and inspiring cities and we expect to have registered 1,000 students within five years.

“WE GIVE OUR STUDENTS THE SKILLS THEY NEED TO LEAVE AS GLOBALLY AWARE, HIGHLY EMPLOYABLE, AND MOST IMPORTANTLY, SATISFIED GRADUATES.”
The University is investing £600 million in its teaching, research and residential estate over a 10-year period, including £250 million in high-quality accommodation.

Part of this investment – a £44 million project to construct high-quality accommodation at the city centre campus – is now open to students. The 729-bedroom Vine Court development features shops and a 250-seat restaurant and is at the cutting edge of sustainable design. A further £350 million is being invested in the academic estate at its city centre campus and at its Leahurst campus on the Wirral.

As well as refurbishing existing accommodation, the University has opened an additional 1,259 new study bedrooms. Crown Place opened in September 2014 and provides state-of-the-art accommodation, further increasing the number of student rooms available on campus.

The University is also investing in its off-campus accommodation, developing new residences in South Liverpool to provide a self-contained Student Village, including catering and sports facilities.

The teaching environment for science-based subjects has been transformed with an investment of £28 million in Centralised Teaching Laboratories. The award-winning facility has enhanced the overall student experience through the creation of a modern, high quality and vibrant laboratory environment.

The University has also invested £32 million in teaching facilities in the Faculty of Humanities and Social Sciences, £10 million in an extension to the Management School and £14.5 million in a refurbishment of its Guild of Students.
• Established in 1881
  • The original red brick university
    • Ranked in the top 1% of universities worldwide
      • An internationally-renowned Russell Group university
        • Annual turnover of £465 million
        • 22,000 students
        • 7,400 international and EU students from 115 countries
      • 5,500 talented staff
    • More than 445 university programmes
    • 10,000 online students from more than 190 countries
    • Associated with nine Nobel Prize winners
      • One of the first UK universities to establish a joint venture institution in China
    • 1,300 world-leading researchers
    • Annual research income of £89 million
    • 95% of our graduates in employment or further study
    • A global alumni network of 195,000
      • A UK leader in widening participation
        • Committing £9.9 million to support students from low-income backgrounds
      • Student satisfaction rates at 85%
        • More than 75% of our students receive a First or 2:1
          • Award-winning careers service
            • The largest providers of wholly online degree programmes in Europe
              • London campus opened in September 2014
            • Award-winning labs crowned UK’s best scientific teaching facility
              • 20th in REF with seven subjects in top 10 and 81% of our research ranked as 3* and 4*
GRADUATING TO GREAT THINGS

Liverpool students are following in the footsteps of prominent alumni including Professor Dame Carol Ann Duffy DBE, Poet Laureate; Dr Paul Roy, Founding Chairman of asset management company NewSmith LLP and Chairman of the Retraining of Racehorses charity; Dame Stella Rimington DCB, former Director General of the UK’s national Security Service, M15; Sir Robin Saxby, Founder and former Chairman, President and Chief Executive of ARM Holdings; Dr Lewis Booth CBE, Senior Independent Director and Chairman of the Audit Committee of Rolls-Royce PLC and Keith Williams, Chief Executive and Executive Chairman of British Airways.

AMBITIOUS

Liverpool graduates have become pioneers in every field, with Nobel prize winners including: Sir Ronald Ross (1902; discovery of mode of spread of malaria), Professor Charles Glover Barkla (1917; discovery of the electromagnetic properties of x-rays), Professor Sir Charles Sherrington (1932; functional analysis of motor unit in a muscle), Professor Sir James Chadwick (1936; discovery of the neutron), Professor Sir Robert Robinson (1947; investigation into alkaloids and other plant products), Professor Har Gobind Khorana (1968; genetic code of protein synthesis), Professor Rodney Robert Porter (1972; structure of antibodies), Ronald H Cause (1991; discovery of the significance of transaction costs and property rights for the institutional structure and functioning of the economy), and Professor Sir Joseph Rotblat (1995; work to diminish the role of nuclear arms in international politics).

INSPIRING

DRIVING KNOWLEDGE EXCHANGE

The University is committed to making its groundbreaking research and frontier technologies available to its business partners for the benefit of regional and national economies.

SPIRITED

External organisations benefit from the University’s world-class expertise through a range of mechanisms including: contract and collaborative research, consultancy, training and Continuous Professional Development, knowledge transfer partnerships, student projects and placements, volunteering and access to world-class equipment and facilities.

CHALLENGING

Last year the University of Liverpool engaged with more than 1,300 businesses and other external organisations in the context of collaborative and contract research alone. Our researchers have won £28.8 million of collaborative research grants funded jointly by business and the public sector, £18.2 million of collaborative research funded by the EU alone, and 655 contract research commissions which generated a combined income of £16.2 million.
A UK leader in widening participation, the University exceeds its benchmarks for both the recruitment of students from low participation neighbourhoods and the State Schools and Colleges sector and we have achieved the Buttle UK Quality Mark at ‘exemplary level’ in recognition of our commitment to young people in care.

We offer a range of aspiration raising activities to more than 8,000 young people each year, with the focus of our activity on pupils who are ‘most able but least likely to attend HE’. This activity includes welcoming 100 people to our Scholars programme – for students from traditionally underrepresented backgrounds – and 57 people on our Go Higher programme, which is designed to support entry to the University for applicants who do not have formal qualifications.

The University has developed a partnership of Merseyside secondary schools and colleges whose performance at GCSE is below the national and local average and we work intensively with them and with their feeder primary schools to raise aspirations and support attainment. We co-sponsor two Academy Schools – the North Liverpool Academy, and University Academy, Birkenhead.

We also commit £15 million a year for scholarships and bursaries to support those who would otherwise not be able to consider entering higher education.
FUNDRAISING: A MAJOR OPPORTUNITY

Developing relationships with supporters and alumni, as well as policy makers, business leaders, media and leaders of research and education institutions – has been essential to our success.

Over the last 10 years we have completed several capital fundraising projects and raised in excess of £25 million. The Philip Leverhulme Equine Hospital, Wolfson Centre for Personalised Medicines, Small Animal Teaching Hospital and the Centre for Better Births are examples of what philanthropy has helped us to achieve, in addition to supporting numerous students through bursary and scholarship programmes.

Building on this success, we are now moving towards the launch of our first public, multi-million pound institutional fundraising campaign, aiming to raise £100 million by 2022. We have established foundations in the US and Hong Kong, and have recruited a number of prominent and successful alumni as Board members. This campaign will transform the impact that philanthropy has on our research, recruitment and student experience, and our senior academics will play a supporting role in realising these goals.
Voted third in the top 10 world cities 2014 according to the Rough Guides, Liverpool is a fantastic place to live, work, study and invest.

A major cultural destination, the city is home to more national museums, theatres and art galleries than anywhere in the UK outside London, and the port of Liverpool is the largest Freeport zone in the UK.

With the fastest growing economy in the UK outside of London too, Liverpool benefited from an £800 million boost to the region’s economy when it was named European Capital of Culture in 2008 and has continued to thrive ever since.

This is a city where individuality, innovation and enterprise are celebrated; home to explorers and revolutionaries for more than 800 years, their pioneering spirit inspires everything we do.

The University helps to drive the city’s vibrant knowledge economy through close collaboration with other universities, industry and the NHS, helping the City Region to compete in the global business arena. There are around 50,000 students living in the city and the region also has one of the highest student retention rates in the UK, with six out of 10 students still in employment in Liverpool following graduation.
OUR GUILD OF STUDENTS EXISTS TO ENSURE STUDENTS LOVE THEIR TIME AT THE UNIVERSITY OF LIVERPOOL

The Guild has existed for more than 100 years to provide students with a voice. That voice has been used to lobby, link communities and liberate members.

And it continues to be heard. The Guild is a student-led, dynamic and constantly evolving organisation; a not-for-profit charity of which every student at the University of Liverpool is a member.

The Guild at Liverpool is a Guild of pioneers. Its members elected the first black Students’ Union President in the UK, built the biggest Students’ Union building in Europe and grabbed national headlines with a 300-strong sit-in protest. Today the Guild continues to be the beating heart of the student body and the place where everything happens. Our Guild strives to achieve the best for students by:

• Offering valuable opportunities to develop new skills – whether through one of 170 student-run societies, student-staff roles, or volunteer programmes

• Being a fun and vibrant place where students can try new things and have a laugh – from our Give it a Go trips to live music gigs, the Guild offers a range of good quality, affordable services

• Being a caring organisation and there when needed – from the moment students arrive in Liverpool the Guild team is there to help them settle in and offers an independent, free, confidential advice service

• Being a democratic organisation that listens to its members and fights for the issues that matter – providing effective representation and being a critical friend to the University.

September 2014 saw the completion of a £14.5 million redevelopment programme of the Guild’s main building, demonstrating the excellent working relationship it has with the University and in recognition of the value the Guild adds to the student experience.
The University had a turnover of £435 million for the year to 31 July 2014 (which included £84 million for research) and generated an operating surplus of £19.9 million. Total expenditure for the year was £415 million.

Our primary financial objective is to generate surpluses to sustain ongoing activities and to maintain the necessary investment in our estate and associated infrastructure, which in the last year included a total capital investment of £61 million.

Further details of the University’s financial position can be found in the financial statements by visiting: www.liverpool.ac.uk/finance.
An executive search exercise is being undertaken by Perrett Laver. Perrett Laver will support the University in helping to identify the widest possible field of qualified candidates and assisting in the assessment of candidates against the requirements for the role.

Applications should consist of a full CV detailing academic and professional qualifications, full employment history, latest remuneration and relevant achievements, and should be accompanied by a covering letter describing briefly how candidates meet the criteria in the ‘person specification’, why the appointment is of interest, and what they believe they can bring to the role. These can be uploaded at www.perrettlaver.com/candidates quoting the reference number 2440.

The closing date for applications is 09.00 BST on Wednesday 20th April 2016.

Applications will be considered by the Selection Committee in late April and shortlisted candidates will be invited to speak informally with the University. Campus visits will take place on Thursday 23rd June and formal interviews will be held on Friday 24th June. On the 23rd, applicants will be invited to give a presentation, meet with a range of Faculty members, and observe the campus facilities. Formal interviews will then take place on the 24th, when selection of the preferred candidate will take place.

For more information about the University, visit:
www.liverpool.ac.uk

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