

Postgraduate Research
Brochure 2019

RESEARCH

THAT
MATTERS



UNIVERSITY OF LEEDS

OUR CAMPUS BY THE CITY

LEEDS CITY CENTRE

Only a 10-minute walk from campus

LEEDS TRAIN STATION

Fast and efficient travel to all major UK cities

PARKINSON BUILDING

The iconic landmark building of the University

EDWARD BOYLE LIBRARY

Includes a postgraduate-only Research Hub

LEEDS DOCTORAL COLLEGE

Coordinates postgraduate research support and activities

THE EDGE

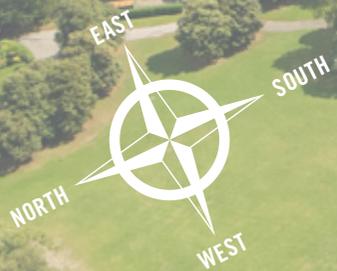
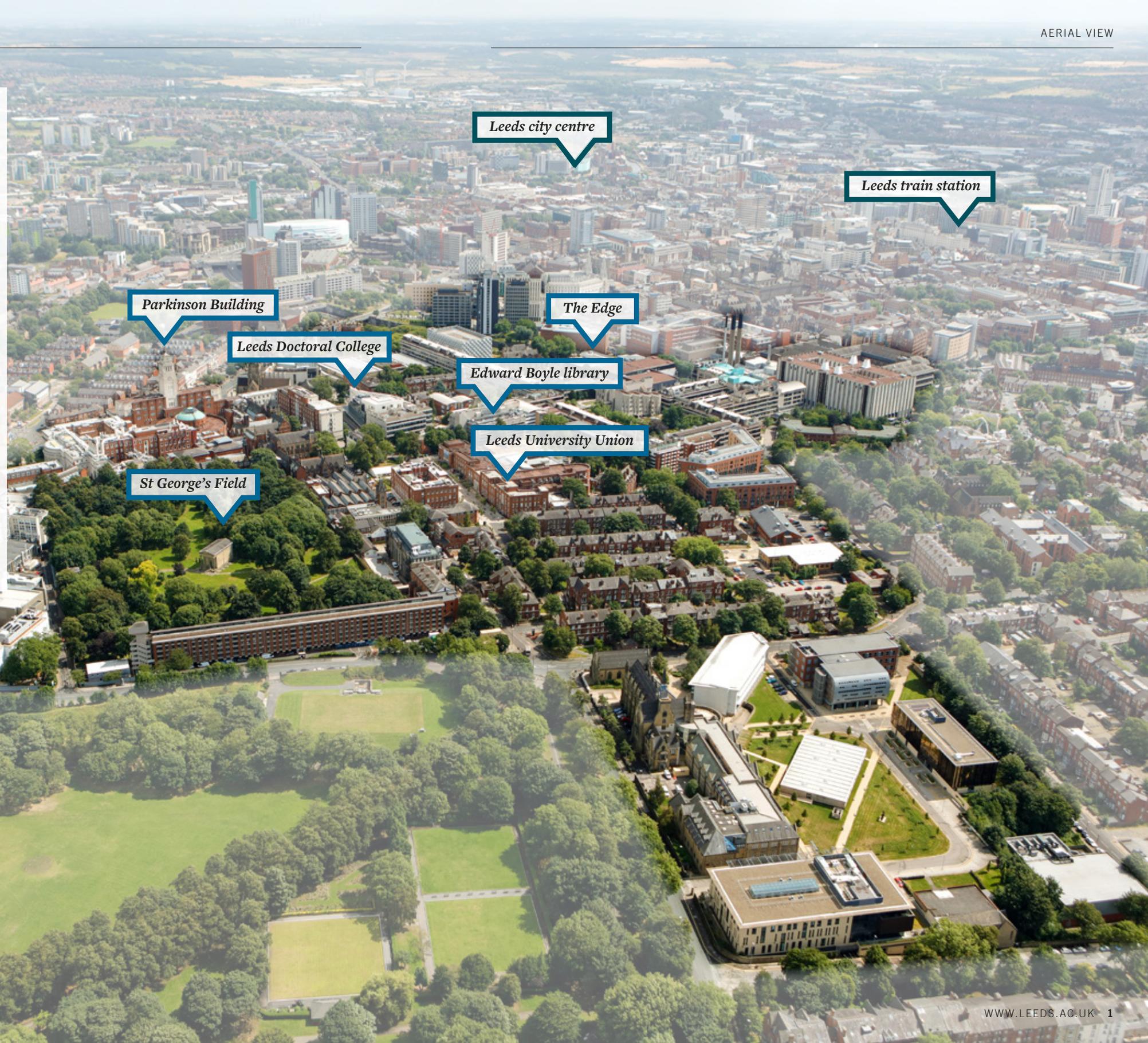
Swimming pool, fitness suite and sports halls

ST GEORGE'S FIELD

A beautiful green space in the heart of campus

LEEDS UNIVERSITY UNION

Shops, music venues, bars and home to our clubs and societies



IMPORTANT INFORMATION

Information provided by the University, such as in presentations, University brochures and on the University website, is accurate at the time of first disclosure. However, courses, University services and content of publications remain subject to change. Changes may be necessary to comply with the requirements of accrediting bodies or to keep courses contemporary through updating practices or areas of study. Circumstances may arise outside the reasonable control of the University leading to required changes. Such circumstances include industrial action, unexpected student numbers, significant staff illness (where a course is reliant upon a person's expertise), unexpected lack of funding, severe weather, fire, civil disorder, political unrest, government restrictions and serious concern with regard to the transmission of serious illness making a course unsafe to deliver. After a student has taken up a place with the University, the University will look to give early notification of any changes and try to minimise their impact, offering suitable alternative arrangements or forms of compensation where it believes there is a fair case to do so. Offers of a place to study at the University will provide up-to-date information on courses. The latest key information on courses, entry requirements and fees can be found at www.leeds.ac.uk/pgp. Please check this website before making any decisions.

**CONTENTS**

| | | | |
|-----------------------------------|-----------|--------------------------------|-----------|
| GO TO THE NEXT LEVEL | 5 | CAMPUS LIFE | 47 |
| Welcome to Leeds | 6 | Students' union | 48 |
| | | Sport and fitness | 49 |
| REDEFINING EXCELLENCE | 9 | A creative and cultural campus | 50 |
| Research with impact | 10 | Wellbeing and support | 52 |
| Tackling global challenges | 12 | | |
| Working together with experts | 14 | NEXT STEPS | 55 |
| Collaborative working | 16 | Fees and funding | 56 |
| Making your contribution | 18 | Finding research opportunities | 58 |
| Leading research facilities | 20 | How to apply | 60 |
| Academic study facilities | 24 | | |
| | | YOUR STUDY OPTIONS | 63 |
| DEVELOP AND CONNECT | 27 | About your research degree | 64 |
| Develop your professional profile | 28 | Research areas | 65 |
| | | MAPS AND HOW TO FIND US | 72 |
| YOUR RESEARCH COMMUNITY | 33 | | |
| A welcoming community | 35 | | |
| | | CITY LIFE | 39 |
| Leeds and Yorkshire | 40 | | |
| Living in Leeds | 44 | | |

GO TO THE NEXT LEVEL

Challenge yourself at a leading research-intensive university. Become an expert in your field. Grow professionally and personally.

*Top 100
university
in the world*

QS World University
Rankings 2019



WELCOME TO LEEDS

Be part of a prestigious, research-intensive university in one of the UK's most diverse cities. We're engaged in world-class research across a wide range of disciplines. Our postgraduate researchers are an integral part of this, helping push back the boundaries of knowledge in new and exciting ways.

Find out more about our research and the people who carry it out, and be inspired to come and be part of this amazing adventure.

We are:

- one of the top 100 universities in the world (QS World University Rankings 2019)
- 'world leading' or 'internationally excellent' in more than 80% of our research (Research Excellence Framework 2014)
- one of the 50 most international universities in the world (Times Higher Education World University Rankings 2018).

Join our thriving research community, with more than 2,500 postgraduate researchers at its heart. Develop your subject expertise and professional profile to excel in your chosen profession.



VISIT US

You can find out more about our research, meet our academic staff and chat to some of our current postgraduate researchers at our postgraduate open day.

Postgraduate open day
8 February 2019

Or make an appointment with our Doctoral College to discuss being a researcher at Leeds.
www.leeds.ac.uk/aboutdoctoralcollege

MEET US

Meet us at a postgraduate study fair, held throughout the UK.
www.leeds.ac.uk/postgraduatefairs

Or, if you're not in the UK, find out when a University of Leeds representative will be visiting your country.
www.leeds.ac.uk/visittoyourcountry

TALK TO US

+44 (0)113 343 2336
study@leeds.ac.uk

CONNECT WITH US

   /universityofleeds
 @UniversityLeeds



Talk to current international students about studying here.
www.leeds.ac.uk/linktoleeds

REDEFINING EXCELLENCE

Work with leading thinkers, push the boundaries of knowledge, contribute to research that matters.

*More than 80%
of our research*

is rated 'world leading' or
'internationally excellent'

(REF 2014)



RESEARCH WITH IMPACT

Leeds is one of the UK's leading research universities and one of the top 100 universities in the world (QS World Rankings 2019). We attract significant research funding and are investing in people and facilities to create research that matters. We need researchers at all levels, with exciting new ideas and approaches.

**Top 10 UK
university**
for research power
REF 2014

The University of Leeds is a place where world-leading research can flourish. Established in 1904, we're one of the largest research-intensive universities in the UK. With more than 80% of our research rated 'world leading' or 'internationally excellent' (REF 2014), we're in the UK top 10 for research impact, which means impact on the economy, public policy, civil society, culture and more.

We're a founding member of the prestigious Russell Group of research-intensive universities and have twice been awarded the Queen's Anniversary Prize, the country's highest accolade for an academic institution.

A GLOBAL INSTITUTION

The University was recognised as one of the 50 most international universities in the world in the Times Higher Education World University Rankings 2018. We attract outstanding students, researchers, academics and research partners from all over the world. Around half our postgraduate researchers come from outside the UK and our staff are from over 90 different countries. Over half our research outputs come from international collaborations.

INVESTING IN THE FUTURE

We invest in the people and facilities to help create research that matters and find solutions to global challenges.

Our work and reputation attract significant funding – £130m in research grants and contracts 2016/17. Our expertise in interdisciplinary international development projects has made us one of the most successful UK universities in securing funding from the Global Challenges Research Fund and the Newton Fund.

We want to attract tomorrow's researchers to Leeds. We offer a range of scholarships to try to ensure the most talented can study with us, whatever their circumstances (see page 57).



“If you want to be part of a community of research excellence that will encourage, stimulate, challenge and support you, the University of Leeds is ready to welcome you. Our research is tackling big global and societal challenges and helping improve lives. Come and join us and help change the world.”

Professor Lisa Roberts
Deputy Vice-Chancellor: Research and Innovation

TACKLING GLOBAL CHALLENGES

Researchers at Leeds are addressing some of the world's biggest challenges. Our discoveries are making a real difference to society. Here is some of our research that's making an impact.



Photo: Andy Lord

SHAPING OUR FUTURE WITH DATA

Informing the government's cycling strategy, using census data to develop a strategic planning tool.



Photo: ESA

DEVELOPING SOLUTIONS FOR A CHANGING CLIMATE

Estimating sea level rises more accurately using satellite data to generate information on polar ice thickness and melting rates.



DELIVERING A SUSTAINABLE ENERGY FUTURE

Advancing research into alternative energies and reduced emissions through our Energy Leeds multidisciplinary research group.



Photo: Keo Theasrun/Documentation Center of Cambodia

VIEWING GLOBAL CHALLENGES THROUGH A CULTURAL LENS

Supporting young conflict survivors across the world through an Arts and Humanities Research Council-funded project that helps them use creative media to understand conflict and share their experiences.



PROMOTING FOOD SECURITY AND SUSTAINABILITY

Leading a £9m research programme, AFRICAP, to improve policymaking and develop sustainable and productive agriculture systems in the face of climate change.



ENABLING ADVANCES IN GLOBAL HEALTH

Helping the worldwide fight against drug-resistant superbugs by reducing prescribing of unnecessary antibiotics to children in rural China.



CREATING THE CITIES OF TOMORROW

Leading a £4.2m national research project to create self-repairing cities by developing robots to fix utility pipes, street lights and roads with minimal disruption.



Photo: Dr Katie McQuaid

UNDERSTANDING SOCIAL CHANGE

Keeping girls in Uganda safe from exploitation through a project to address multiple barriers to schooling.



SAFEGUARDING GLOBAL WATER RESOURCES

Making clean water more accessible worldwide through our work with G₂O Water Technologies to test its graphene water filter technology and bring a cheaper method of water treatment for developing countries closer to market.



COMBATting GLOBAL DISEASES

Making advances in treatments for Parkinson's, Alzheimer's and diabetes by using cutting-edge equipment to investigate amyloid proteins.

Discover more about our leading research at www.leeds.ac.uk/research



WORKING TOGETHER WITH EXPERTS

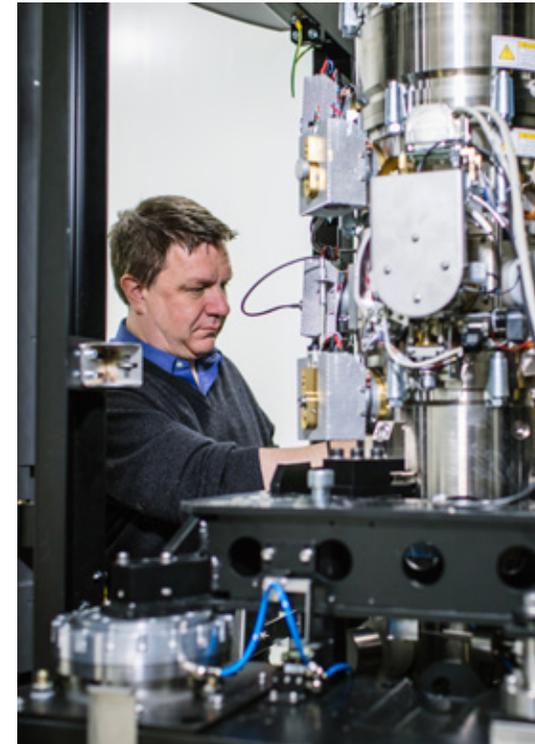
We bring together researchers from different disciplines and backgrounds to combine disciplinary excellence and create an environment in which world-leading research can flourish.

INTERDISCIPLINARY SOLUTIONS

Our research tackles the big issues affecting today's world. Imagine chemotherapy treatment with fewer side effects, self-repairing cities, and easing global water scarcity. Our researchers are engaged in pioneering research – taking creative strides to build a better world.

The world faces large and complex problems. In our drive to find solutions, we bring together wide-ranging expertise to create extraordinary solutions right here on campus:

- We're pioneering a technique to avoid rejection of transplant tissue by combining medical engineering and medical immunology expertise at our Institute of Medical and Biological Engineering.
- We're developing the use of microbubbles to deliver chemotherapy with fewer side effects, bringing together research expertise from physics, engineering and medicine.
- We're changing the way we live through self-repairing cities, medical treatment and artificial intelligence at our national robotics centre. Robotics and engineering experts are working with specialists in medical rehabilitation, psychology, physics, business and transport planning.

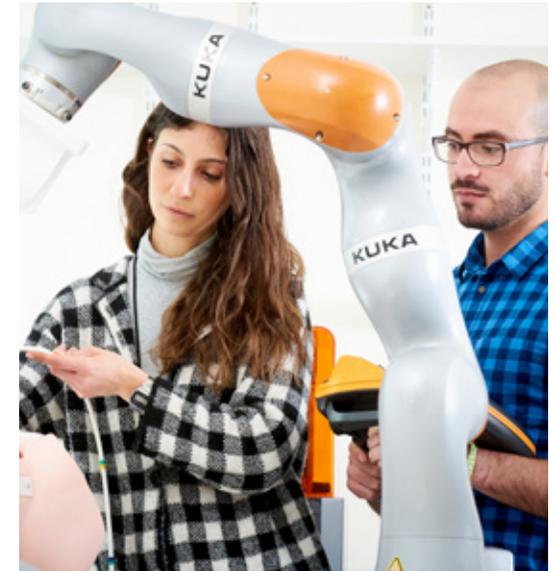


WORKING TOGETHER TO TACKLE COMPLEX ISSUES

The University works closely with a range of partners, including:

- industry and business to develop innovative commercial solutions
- charities and the health sector to increase understanding of health challenges
- government agencies and NGOs to provide expertise and influence policy
- academic colleagues nationally and internationally to achieve more together.

Nexus, our new £40m innovation centre, connects business with our world-leading researchers. It brings together business and academic minds to solve complex challenges, while delivering economic and societal impact.



RESEARCH PARTNERSHIPS

The University is a founding member of the Worldwide Universities Network (WUN), a network of 23 research-intensive universities over six continents. We'll encourage you to take part in collaborative programmes and you'll have opportunities to be mentored by established experts in your field.

www.leeds.ac.uk/wun

The University belongs to the N8 Research Partnership of the eight most research-intensive universities in the North of England, which aims to maximise the impact of its research, focusing on two research themes.

www.n8research.org.uk

We are also part of the White Rose University Consortium, a strategic partnership between the leading research universities of Leeds, Sheffield and York, which involves cooperation on a number of levels, including a collaborative and global approach to doctoral training.

www.whiterose.ac.uk

The University is a partner in a number of UK Research Councils-funded Doctoral Training Partnerships (DTPs) across a wide range of disciplines. DTPs often offer interdisciplinary collaboration and placement opportunities. We also host several industry-focused Centres for Doctoral Training (CDTs). Read more at www.leeds.ac.uk/externallyfundedphds

COLLABORATIVE WORKING

We'll encourage you to make the most of the collaborative opportunities all around you. Whether it's combining diverse expertise to solve complex problems or sharing research within your discipline, a new perspective can be revolutionary.

The University is home to several interdisciplinary centres, like the Priestley International Centre for Climate or the Astbury Centre for Structural Molecular Biology, which pool interdisciplinary expertise to push the boundaries of knowledge. Several prestigious UK Research Councils-funded Doctoral Training Partnerships and Centres for Doctoral Training are also currently based at Leeds.

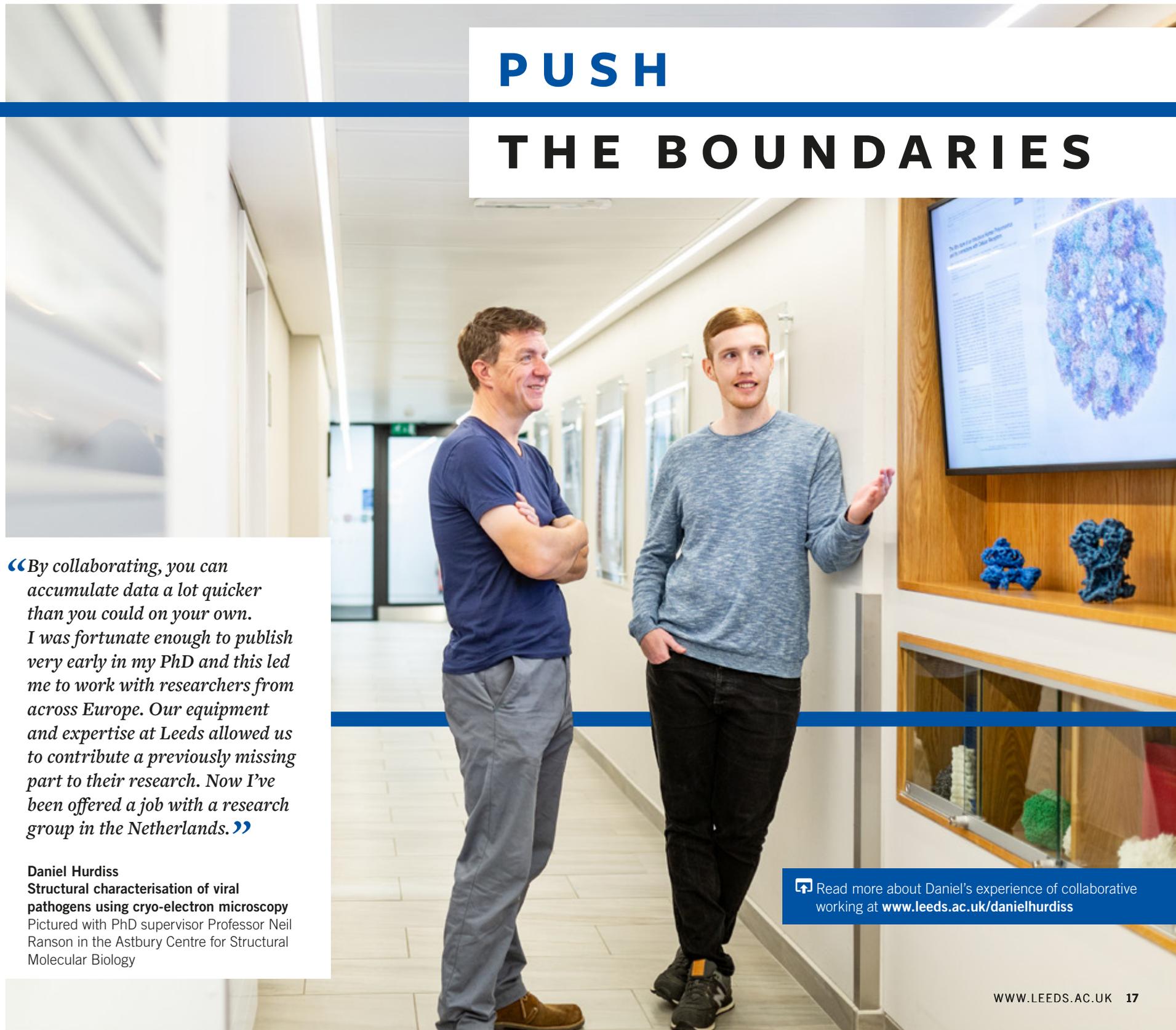
Whatever your specialism, there will be opportunities for you to work with others in your discipline and across disciplines, through research groups, conferences and informal networks and socials, within the University and in other institutions.

“By collaborating, you can accumulate data a lot quicker than you could on your own. I was fortunate enough to publish very early in my PhD and this led me to work with researchers from across Europe. Our equipment and expertise at Leeds allowed us to contribute a previously missing part to their research. Now I've been offered a job with a research group in the Netherlands.”

Daniel Hurdiss
Structural characterisation of viral pathogens using cryo-electron microscopy
 Pictured with PhD supervisor Professor Neil Ranson in the Astbury Centre for Structural Molecular Biology

PUSH

THE BOUNDARIES



Read more about Daniel's experience of collaborative working at www.leeds.ac.uk/danielhurdiss



MAKING YOUR CONTRIBUTION

Studying for a research degree will challenge you intellectually and push you to new levels. It's hard work, but the rewards can be huge. In the end you'll be an expert in your field.

Your research will make a meaningful contribution to the University's research excellence – over half our submissions to REF 2014 included contributions from PhD researchers.

Postgraduate researchers are at the heart of the University's research. Choose Leeds and you'll join a community of more than 2,500 postgraduate researchers.

Whatever your field of interest, as a postgraduate researcher you'll be part of a community of researchers at the forefront of their subject who will challenge, inspire and support you.

The scale and quality of our research gives you the opportunity to be part of internationally important work. You can work on existing projects such as sustainable food sources and climate change, or conduct your own independent research project. And you'll find all the facilities and support you need to excel during your time here.



“I'm working on a single protein in the Zika virus, and using computational biology to simulate it in different environments. It's fascinating that what you're doing could have a big impact at some point, and it gets more exciting as you try to prove what you're doing is right.”

At Leeds, you're working with the best of the best. Hopefully my research will have an influence on what we know about the Zika virus and how we can target it.”

Emma Brown

Researching a protein in the Zika virus

[Read more about Emma's experience of working with experts at \[www.leeds.ac.uk/emmbrown\]\(http://www.leeds.ac.uk/emmbrown\)](http://www.leeds.ac.uk/emmbrown)

YOUR SUPERVISOR AND YOU

Finding the right supervisor for your project is a key part of choosing your research degree. Supervisors draw on their own experience to guide your work, encourage you and advise you on the direction of your research. They will be with you from the development of your research plan, through the creation of your thesis to preparing you for the viva – the final stage of your PhD.

You'll usually have at least two academic supervisors, who will be at the forefront of their discipline and will have the relevant specialist knowledge for your project. They'll provide support and encouragement, whilst empowering you to become independent in your working and thinking. They'll challenge your ideas, offer advice on training and development, review your progress, and provide guidance and feedback on your work.

LEADING RESEARCH FACILITIES

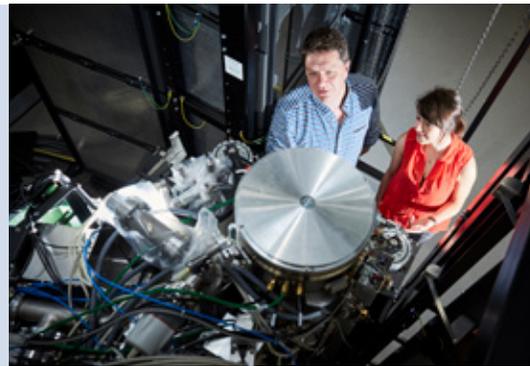
Our outstanding facilities provide an excellent platform for your research and enhance your academic experience, whatever your specialism. Some of the UK's leading research centres are based at the University and we're investing heavily to realise the potential of new technologies.

Excellent laboratories and clinical facilities enable research and skills development in medicine and healthcare, on campus and at St James's University Hospital. Our specialist bioscience and engineering laboratories offer industry-standard facilities, whilst our high-end studios, workshops and theatre and performance spaces support creative and performing arts research.

Here are just some of the facilities at Leeds that may help shape your research:

ASTBURY CENTRE

Our Astbury Centre for Structural Molecular Biology has some of the world's most powerful cryo-electron microscopes, allowing molecular structure to be seen in unprecedented detail and enabling us to develop new treatments to combat global disease.



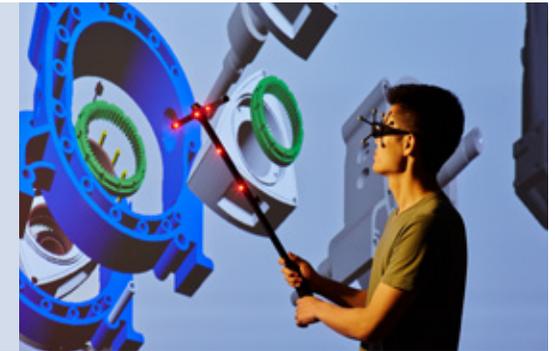
M&S COMPANY ARCHIVE

The M&S Company Archive houses over 71,000 items, including business papers, advertising materials and merchandise. It supports research across a wide range of disciplines and the University's partnership with Marks and Spencer offers exciting opportunities for collaboration. The Archive actively engages with research and offers a wealth of primary material to support postgraduate research.



NATIONAL FACILITY FOR INNOVATIVE ROBOTIC SYSTEMS

We are home to the National Facility for Innovative Robotic Systems, including the most advanced suite of robot-building equipment in the UK, the latest 3D printing and high-precision assembly technologies.



SPECIAL COLLECTIONS

From medieval manuscripts and a First Folio of Shakespeare's plays, to valuable business archives, the University's Special Collections is a unique resource for primary research. Ours is the only library with five collections awarded 'designated status' by Arts Council England, in recognition of their outstanding national and international importance.

LEEDS INSTITUTE FOR DATA ANALYTICS (LIDA)

Leeds Institute for Data Analytics is using 'big data' to help researchers across disciplines to open up new ways of understanding health and human behaviour, for example, looking at discrepancies in heart treatment between male and female patients.



BRAGG CENTRE

Our Bragg Centre for Materials Research will bring together physicists, chemists, materials scientists, engineers and computer scientists to integrate engineered materials expertise. It will be based in our new £96m Sir William Henry Bragg Building, which we expect to be completed in 2020.

G O

FURTHER

“As a medievalist, Leeds is one of the top places in the country to study. One of the reasons is the extremely well-stocked libraries. The scientists have their laboratories, historians have the library – the library is where we do the actual research.

I’ve been to conferences and shared my research with academics from all over the world. It’s expanded my reach and network in ways that I couldn’t have done if the University didn’t have these facilities.”

James Titterton
Trickery and deception in medieval warfare
 Pictured in the Brotherton Library

Read more about how Leeds’ well-stocked libraries have been crucial to James’s research at www.leeds.ac.uk/jamestitterton



ACADEMIC STUDY FACILITIES

Our excellent facilities will support your research.

UNIVERSITY LIBRARY

The University Library is one of the major academic research libraries in the UK – a premier resource to underpin your research.

The Library combines a massive and ever-expanding collection of print and online resources, and includes rare book and manuscript collections.

You'll benefit from:

- expert support in literature searching, referencing, bibliometrics, open access and research data management
- four libraries on campus, open throughout the year, at a wide range of times
- easy access to more than three million print items and thousands of online library resources
- different working environments, including spaces for group study and silent individual study, as well as cafés for breaks
- IT zones and study facilities equipped with the latest technology.

library.leeds.ac.uk



POSTGRADUATE RESEARCH HUB

The postgraduate-only Research Hub in the Edward Boyle Library is designed to meet your needs.

It offers:

- extra large study desks with wi-fi, individual lighting and power sockets – especially useful in the writing-up stages of your research
- space for individual and group work
- bookable individual and group study rooms, with large LED screens
- lockers for your convenience.

Our expert library staff are here to help you too. They can advise you on searching for information, data management and more. Their workshops, webinars and one-to-one appointments can help you improve your researcher skills in referencing, EndNote, literature searching, increasing citations and research data management.

library.leeds.ac.uk/skills

COMPUTERS AND IT

Through your University account, you'll be able to access the technologies and services to support your studies.

You'll benefit from:

- a wide range of standard and specialist software and services, providing access to all the research and industry-focused facilities you'll need
- free high-speed wi-fi across campus
- a suite of tools and services provided through Microsoft Office 365, seamlessly linked to your University account and securely available from anywhere in the world
- free access to licensed copies of Office Pro Plus for you to use at home or on the move
- personalised content (like your timetable and library record) on your phone through the UniLeeds app
- IT help and support through our webpages and from our Service Desk by phone, email or in person
- teaching spaces with traditional computer-supported classrooms and flexible learning environments for personal and group study.

it.leeds.ac.uk



LANGUAGE SUPPORT

Boost your employment prospects by learning a new language or develop your academic English with our excellent language facilities.

If you're an international student, our pre-sessional English courses will help you prepare for postgraduate research in the UK.

www.leeds.ac.uk/preessional

Once you're here, academic English language development for postgraduate researchers is available through classes and workshops, which you can do alongside your research.

Our Language Zone is a resource centre open to all students and postgraduate researchers, with learning materials in over 50 languages and expert support on hand. If you want to practise your conversation skills, we have activities to connect you with native speakers and others learning languages.

www.leeds.ac.uk/languagecentre

Or you can access free, flexible online language learning on and off campus through Rosetta Stone language learning software. Choose from up to 24 languages, from beginner to intermediate level.

DEVELOP AND CONNECT

**Share your research and connect with experts.
Build your profile, networks and skills to
shape your future.**



DEVELOP YOUR PROFESSIONAL PROFILE

Building your professional profile is a key part of success as a postgraduate researcher. You'll need to develop new skills and networks to share and further your research. We offer connections and training opportunities to help you realise your professional goals, whatever you decide to do next.

Your research degree helps you further develop your skills and expertise. You might access higher-level roles in industry, become a researcher in government or develop an academic career. Whatever your motivation, research study can extend your passion for your subject and push you to reach your potential.

The work is challenging, but we're here to help you succeed and enjoy your time with us. There's support at each step of your PhD, from induction, through transfer to the final thesis writing and viva. We offer extensive professional and career development opportunities, which you can tailor to your individual needs.

MAKING CONNECTIONS

We understand the importance of meeting others in your field, both in advancing your research and your future career. You'll be able to network with colleagues from the University and wider academic community, and industry experts, at national and international conferences and research events. You'll hear about the latest research in your specialism and have opportunities to present and share your own research findings.

Funding may be available from your school or faculty to ensure finance isn't an obstacle to you attending conferences and events.

You'll also have opportunities to publish your research and provoke academic debate. Your supervisor will help point you in the right direction and our research collaborations mean you are well placed to meet academic and industry experts. You may also have chance to work with industry on projects and placements, and with large-scale collaborative research partnerships, widening your professional network.

A global network of Leeds graduates

As a researcher at Leeds, you'll be able to tap into one of the biggest alumni communities of any UK university. It's a global network of over 256,000 people in more than 180 countries, all with a lifelong connection to the University of Leeds and to each other.

Through the Leeds Network, our online career networking tool, you can make contact with alumni and benefit from practical careers advice and mentoring.

Developing commercial opportunities

The University's commercialisation team supports the activities of more than 3,000 researchers, identifying, evaluating and developing commercial opportunities from research conducted at the University.



“Working with other postgraduate researchers is a great way to collaborate across different departments, and get a fresh perspective on a research area.”

I've recently published a book chapter with my supervisor, which included research I conducted, and I'm collaborating with someone from a different department on a new paper. I get a lot out of talking to people about ideas and I love the research process.”

Brendan Lawson

Researching the use of statistics by UK news media covering humanitarian crises

Read more about Brendan's experience of building his profile at www.leeds.ac.uk/brendanlawson



“I really enjoy working with PhD researchers. We spend three years together pushing the boundaries of knowledge and I introduce them to a network of colleagues and like-minded researchers within and beyond this vibrant research-intensive University.”

Dr Gary Chambers

Associate Professor, School of Education



Specialist training

To help you develop skills relevant to your research and future career, you'll have access to a whole range of workshops, courses and seminars. Specially designed for postgraduate researchers, these are run by our IT, Library and Organisational Development and Professional Learning teams and by your department or graduate school.

Your online Training Plan is the cornerstone of your professional development. It's agreed between you and your supervisor and is based on a detailed training assessment. It reflects your previous experience and personal and professional aspirations. It includes both specific research skills and broader experiences, like challenging ideas and presenting at conferences.

An online record system, the Graduate Record of Achievement and Development (GRAD), helps you plan which conferences, courses and workshops to attend. It records meetings with your supervisors and training taken, with milestones to track your progress right up to completion of your research degree.

To develop your teaching skills, we offer a series of workshops which focus on the essentials for demonstrating, lecturing, small-group teaching and assessing student work. There are also opportunities to develop your teaching practice through lectures and practical sessions.

Personal and professional development is available to you through a range of training in areas such as leadership, presentation skills, project management and team working.



Career planning

Whatever your next step, our Careers Centre offers a range of events, online resources and personal advice and support. We'll help you understand your strengths and market yourself effectively.

We provide:

- individual career guidance
- CV writing advice
- job search, job applications and interview skills
- a programme of workshops specifically for postgraduate researchers.

Find out more at careerweb.leeds.ac.uk/researchers

Discipline-specific advice and employability events are also offered, often through your academic school.

These could include:

- advice about typical career paths and roles, writing your CV and job applications
- seminars with employers and alumni
- mentoring schemes.

Enterprise at Leeds

Leeds' award-winning student enterprise opportunities are also available to you as a postgraduate researcher. Our business start-up support service, Spark, can help you develop your idea into a viable business. Gain business advice, mentoring and access to funding, networking events and bespoke workshops to help you through your entrepreneurial journey. You could apply for an Enterprise Scholarship to help with business, training and transport costs, and could win up to £3,000 to get you started in our annual business plan competition.

www.leeds.ac.uk/enterprise

YOUR RESEARCH COMMUNITY

Be part of our diverse, welcoming
and supportive community.

KNOW NO BOUNDS

“Leeds is a fantastic city, it’s a very welcoming place. I’m from Bangladesh, and the International Office helped me bring my family with me. When I arrived, everything was really well organised. After all the help the University gave me, I became a student ambassador, using my experience to give advice to new international students. I felt like I’d made an impact, and made people feel part of the community.”

Rumana Hossain
Experience of Bangladeshi academics
on return from study abroad
Pictured in a café at the University



A WELCOMING COMMUNITY

Your time with us is about more than your academic research and professional development. When you come to Leeds you’re joining a vibrant and welcoming community of researchers from around the world. You’ll find a host of opportunities to connect with others academically and socially, and there’s help on hand if you need it. Whatever your specialism, don’t worry about feeling isolated.

LEEDS DOCTORAL COLLEGE

Our Doctoral College supports you throughout your postgraduate research journey. It brings together all the support services and opportunities to enhance your research, your development, and your overall experience.

When you join us at Leeds, you’re joining a community of postgraduate researchers, all working in different areas but sharing the experience of being a researcher at Leeds. The Doctoral College aims to support you and celebrate your achievements.

We run regular drop-in and training sessions, and organise seminars and other events. Keep up to date with postgraduate researcher events and news through our monthly newsletters. Attend one of our informal ‘Research Nights’ sessions, where you can meet your fellow-researchers, learn about other developing research, and maybe even be a speaker yourself. Read more at www.leeds.ac.uk/doctorscollege

Leeds Doctoral College Showcase

Hone your presenting skills at our annual postgraduate research conference, which celebrates the outstanding contribution of our researchers. Conference competitions include the ‘three-minute thesis’, research poster and research image competitions and Postgraduate Researcher of the Year, with prizes awarded by the Vice-Chancellor. www.leeds.ac.uk/doctorscollegeshowcase

Learn more from Rumana about her experience of being part of our global family at www.leeds.ac.uk/rumanahossain



CONNECTING WITH OTHERS

Besides the opportunities through our Doctoral College, you'll find there are multiple ways to connect with your fellow-researchers at Leeds.

You will:

- have access to workspace in a shared office and/or laboratory. You'll work alongside researchers, academics and support staff and quickly become part of your school's community.
- be part of a research group and, beyond this, an academic team. Their social events and coffee sessions are a relaxed way to meet and share ideas with academic colleagues.
- be part of a faculty graduate school which will support you and offer opportunities to connect across schools and departments through conferences, seminars and socials. Your graduate school staff will advise you on everything from registration to examinations, and can point you to the wide range of University support services.
- have access to University-wide seminars and events, where you can network and discuss your work with academics and fellow-researchers.



SUPPORT FOR INTERNATIONAL RESEARCHERS

As one of the most popular destinations in the UK for international researchers, you can be confident we've got the knowledge and experience to help you. Our International Student Office provides specialist immigration advice along with ongoing support.

Before you arrive, we'll help you prepare for university life. We can advise you about immigration and other UK regulations, travel to the UK, opening a bank account and other things to help you adapt to life in Leeds.

We'll continue to be here for you after you've arrived too, with year-round support to help you adapt and settle in to life in the UK. Attend a drop-in session, book a private appointment or visit the enquiry desk for general information and guidance. We hold welcome and orientation sessions all year round for new international researchers and their partners.

There are also activities and opportunities to socialise and network with other UK and international researchers and their families.

Read more at www.leeds.ac.uk/internationalstudents

A GLOBAL INSTITUTION

You'll join more than 7,000 international students from over 150 countries and staff from more than 90 countries, with all the richness of perspectives and insights this brings.

There are lots of opportunities to socialise with people from different countries and cultures. Take advantage of the weekly Global Café events or bring your partner or family along to our monthly Coffee Connections event. Join one of the international student societies run through Leeds University Union.

LINK TO LEEDS

Discover more about the Leeds student experience. Talk directly to some of our current international postgraduates about being a postgraduate researcher here. Connect with our Link to Leeds ambassadors through live chats, instant messaging or social media.
www.leeds.ac.uk/linktoleeds

CITY LIFE

Leeds has one of the largest student communities in the country, making it an exciting place to live and learn. It also has lots of green space and nearby countryside to escape to.

Explore all the great things to do in Leeds at www.visitleeds.co.uk



Photo: Visit Leeds

LEEDS AND YORKSHIRE

Leeds is a lively, multicultural city in the centre of the UK, with the University campus a 10-minute walk from the city centre.

We have everything you'd expect from the UK's third-largest and fastest-growing city and we're surrounded by beautiful, accessible countryside. If you're relocating to Leeds we're confident it won't be long before you're calling it home.

Read more about what the city has to offer at www.leeds.ac.uk/leedsandyorkshire



SHOPPING

- Leeds is famous for its historic shopping arcades, including the Victoria Quarter, Queen's Arcade and Thornton's Arcade.
- You'll find all your favourite designer and high-street brands under one roof in Trinity Leeds.
- Leeds Corn Exchange (above), with its iconic domed roof, is home to many boutique-style shops and cafés.
- The city is often reported as the third-largest shopping destination in the UK outside London.



MUSIC

- Leeds nightlife is legendary, with clubs and bars offering music to suit all tastes.
- First Direct Arena (above) attracts some of the world's biggest artists to its 13,500-capacity theatre-style venue.
- O₂ Academy Leeds is one of the city's historic venues for live music and comedy.
- Belgrave Music Hall and Canteen is an independent venue for live gigs, with a great rooftop terrace.



FOOD AND DRINK

- Leeds has a thriving independent food and drink scene, hosting the popular Leeds Indie Food festival each year.
- You'll find everything from quirky cafés and beer halls to rooftop bars with views of the city and Michelin-starred restaurants.
- Trinity Kitchen offers a vibrant mix of restaurants and street food vans under one roof.
- Leeds' historic Kirkgate Market (above), Europe's largest covered market, is a great choice for cheap, fresh groceries.



ARTS AND CULTURE

- Leeds is one of the few cities outside London to have resident opera and ballet companies.
- You'll find several theatres, art galleries and museums, including The Grand Theatre, The Carriageworks, Leeds Playhouse, Leeds City Museum and Leeds Art Gallery.
- You can visit the Royal Armouries (above), the UK's national museum of arms and armour, with live jousting displays.



SPORT

- The famous Emerald Headingley Stadium (above) is home to international Test matches and Yorkshire County Cricket Club, as well as Leeds Rhinos rugby league and Yorkshire Carnegie rugby union teams.
- Leeds United Football Club is based at the nearby Elland Road Stadium.
- Woodhouse Moor parkrun is one of several free events held at parks across Leeds, and the city has plenty of opportunities to get fit, including our own fitness suite and swimming pool, The Edge (see page 49).



FURTHER AWAY, BUT WITHIN EASY REACH

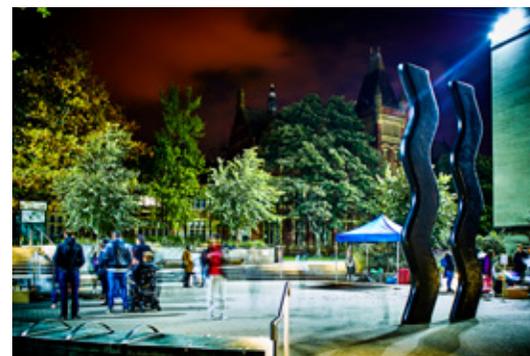
- Leeds has amazing parks and spaces, including Roundhay Park, Temple Newsam, Harewood House and Kirkstall Abbey.
- You'll also find traditional towns and cities nearby such as York, Ilkley, Harrogate, Saltaire and the village of Haworth – home of the Brontës.
- You can explore Yorkshire's stunning coastline, plus the Yorkshire Dales, the North York Moors, the Lake District and the Peak District.
- Enjoy outstanding cultural spaces like Yorkshire Sculpture Park, The Hepworth Wakefield and the National Science and Media Museum in Bradford.

Discover more at www.yorkshire.com

From top to bottom:
Harewood House, an 18th-century stately house and gardens just north of Leeds

Staithe is a seaside village on Yorkshire's north-east coast

Sutton Bank, part of the North York Moors National Park



EVENTS IN LEEDS NOT TO MISS

You'll find there's always something to do in Leeds, with the city hosting a full calendar of performances, events and festivals. Take a look at some of the things you can do in Leeds throughout the year.

- The Northern Art Prize celebrates contemporary visual artists from the North. Shortlisted artists exhibit their work at Leeds Art Gallery in March.
- Live at Leeds, a metropolitan music festival, is held every year in April at venues across the city.
- Leeds Festival (top) for 80,000 music fans and Leeds West Indian Carnival, the UK's second-largest after Notting Hill, both happen every August.
- September's Thought Bubble – the UK's largest event of its kind – celebrates comic art in all its forms.
- Light Night Leeds (bottom), a multi-arts and light festival, takes place in the city centre in October.
- Leeds International Film Festival, the largest in England outside London, with 300 screenings across 15 days, takes place in November.
- Leeds Christkindelmarkt (middle), a traditional German Christmas market, transforms Millennium Square in December.

Find out more at www.visitleeds.co.uk



LIVING IN LEEDS

Leeds is a great place to live, with a wide range of accommodation options. Whether you're looking for a flat, studio, shared house or family accommodation, we're confident you'll find something to meet your needs.

PRIVATE ACCOMMODATION

Leeds has a wide range of good-quality private accommodation to suit all lifestyles and budgets.

The city centre offers smart, modern apartments perfect for city living. Suburbs such as Chapel Allerton and Horsforth with their local amenities, bars and restaurants are popular with young professionals. The student suburbs of Headingley and Hyde Park are just a short walk or bus ride from campus and are popular with both students and academics.

If you are relocating with your family, you will find that Leeds has many family-friendly amenities and activities available alongside good schools. Many suburbs of Leeds offer semi-detached and detached family dwellings. There are lots of parks and green spaces and a number of well-performing schools.

Independent help and advice on all aspects of private accommodation is available from:

- Unipol, a student housing charity that works closely with the University
- the independent advice centre in the students' union.

Find out more from:

www.unipol.org.uk

www.luu.org.uk/student-advice



UNIVERSITY ACCOMMODATION

Our University-owned accommodation is close to campus and the city centre. We offer a range of different residences and contract lengths, as well as flexible payment methods. Our main residences exclusively for postgraduate and mature students are Blenheim Point, Grayson Heights, Royal Park Flats and St Mark's Residence.

Your rent includes all energy charges, internet access, contents insurance and off-peak gym and sports membership at The Edge club membership (not included in family or summer accommodation). All our accommodation has a 24-hour security service.

Our guarantee
We guarantee* an offer of University accommodation for your first year to all single postgraduate students paying international fees, who apply before the deadline.

*Restrictions apply relating to deadlines, residence and academic fee status.



We're sorry we can't guarantee University accommodation for UK or EU students, but don't worry – there is lots of good-quality private housing for students in Leeds.

Read more about University-owned accommodation, including how and when to apply, at accommodation.leeds.ac.uk

Families

The University has a limited amount of family accommodation. Read more at accommodation.leeds.ac.uk/family

CAMPUS LIFE

Our vibrant campus on the edge of Leeds city centre has all the amenities and services you need for the best possible experience during your time here.



STUDENTS' UNION

As a postgraduate researcher at Leeds you'll join one of the best and most active students' unions in the country – Leeds University Union. It offers great services, support and opportunities, and lots of places to meet and relax. It's also home to over 300 clubs and societies, including a dedicated postgraduate society.

Leeds University Union hosts activities exclusively for postgraduates, as well as encouraging you to make full use of the general events programme. There are also volunteering opportunities and community projects you can get involved in.

The Union building is at the heart of campus and recently underwent a £20m transformation. It contains a number of cafés, bars and food outlets, as well as performance and meeting spaces. You can buy most things there – from your everyday groceries, health food and University clothing to stationery and cards. There's even a farmers' market right outside the Union building every Monday during term time.

Read more at www.luu.org.uk



SPORT AND FITNESS

Whatever your level of fitness, you'll find lots of opportunities to keep healthy and get active.

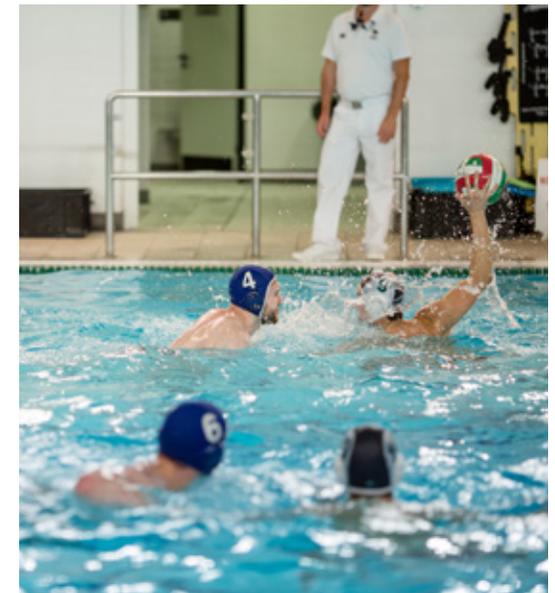
INDOOR FACILITIES

The Edge, our indoor facility, offers excellent fitness, sport and wellbeing opportunities, all located on campus.

Facilities include:

- 250-station state-of-the-art fitness suite, with the latest Technogym equipment and Sky TV
- 25m eight-lane swimming pool
- sauna and steam room
- squash courts
- strength and conditioning room
- three studios offering over 220 exercise classes a week in term time, and virtual classes on demand
- personal training studio
- climbing wall
- swimming lessons, and courses including self-defence, squash and strength training.

Read more at sport.leeds.ac.uk/the-edge



OUTDOOR FACILITIES

We also have excellent outdoor facilities at Sports Park Weetwood, about 5km from campus, and two dedicated outdoor centres in the Lake District and the Yorkshire Dales, ideal for hiking, caving, mountain biking and climbing.

CLUBS, LEAGUES AND ACTIVITIES

The sports clubs run through Leeds University Union are another way to get involved. With more than 60 sports clubs, you can be sure there's a club for you. Our social leagues are a great way to play competitively against other student or staff teams, and our weekly social sport sessions offer non-competitive fun without a regular commitment.

Our Get Out, Get Active programme allows you to enjoy a range of physical activities and explore amazing countryside through weekend walks.

Read more at sport.leeds.ac.uk

A CREATIVE AND CULTURAL CAMPUS

Whether you're a creator or a consumer, there's a host of opportunities to enjoy the arts without leaving campus, with performances, galleries, archives and artworks on your doorstep.

You can also take advantage of the unique cultural heritage we host on campus, including the M&S Company Archive, our Special Collections and our Archive of International Textiles.

Our Cultural Institute brings together academics and partners from across the arts and beyond, aiming to widen cultural opportunities on campus and further afield.



THE STANLEY & AUDREY BURTON GALLERY

Our art gallery displays stunning works from the University's art collection dating from the 17th century to the present day. The Gallery hosts a series of innovative art exhibitions, as well as a special exhibition each year to show work by our recent graduates. The Gallery is accredited by Arts Council England and is free and open to all.



TREASURES OF THE BROTHERTON GALLERY

The Gallery displays treasures from the University's world-famous Special Collections. Highlights include a 4,500-year-old Babylonian clay tablet and original material written by the Brontës, along with medieval manuscripts and rare books from around the globe.



INTERNATIONAL CONCERT SERIES

This varied programme of free performances and recitals covers jazz, folk and traditional music, classical, contemporary and avant-garde, as well as popular music.



STAGE@LEEDS

We're lucky enough to have our own theatre complex, stage@leeds, which is licensed for the public and offers a range of performances from professional touring companies, as well as showcasing the talent of our students.



PUBLIC ART TRAIL

This trail guides you around the University's impressive collection of public artworks across campus, some of which have been designed and created by our own students.



M&S COMPANY ARCHIVE

Housed in the striking, purpose-built Michael Marks Building on campus, the living M&S Company Archive provides a fascinating insight into a national institution and a unique research resource for our students.

Find out more at
www.leeds.ac.uk/aroundcampus

WELLBEING AND SUPPORT

There are lots of resources and information to help and support you through your time at Leeds. Your faculty graduate school and the Doctoral College will be able to point you to all the support services at the University. The Research Degrees section of our For Students website also directs you to these with quick links to useful information including money advice, health concerns, disability support, and much more.

STUDENT SERVICES CENTRE

Once you've started at Leeds, our Student Services Centre can help and advise you on anything – from accommodation and registration to fees and funding, and everything inbetween.
students.leeds.ac.uk

INDEPENDENT STUDENT ADVICE

Student Advice, a professional, confidential service run by Leeds University Union, can help you with any problems you face in your life as a student. It specialises in housing, money and academic concerns, but the team can support you with anything and all their help is free and completely independent of the University.
www.luu.org.uk/student-advice

STUDENT COUNSELLING, WELLBEING AND MENTAL HEALTH SUPPORT

There may be times when stress, emotional difficulties or upsetting life events make it harder to cope academically or personally. At Leeds you can access free professional and confidential counselling, wellbeing and mental health support through groups, workshops, single-session consultations, short-term counselling and web-based self-help resources.

If you need longer-term support or treatment, we'll help you identify the most appropriate local NHS or voluntary sector services.

You can also access free online peer and professional support, 24/7, with trained counsellors through Big White Wall. It's completely anonymous and provides a safe space to get things off your chest and help you feel more in control.

If you have an existing moderate to severe and enduring mental health diagnosis, our mental health advisors provide one-to-one support and will work with you to develop an appropriate support plan. They'll also act as advocate between you and the University and liaise with external referral agencies.
students.leeds.ac.uk/supportandwellbeing

SUPPORT FOR DISABLED STUDENTS

If you have a disability, health condition or learning difficulty, you'll be offered a comprehensive range of support services. We'll work with your academic school and other University services to ensure that we meet your needs and put in place any reasonable adjustments.

Support can include drop-in advice and guidance sessions, modified examination arrangements, extended library loan facilities, transcription services, and access to computers with assistive technology. You may need to apply for additional funding to pay for specialist academic-related support and equipment. Our experienced staff can advise you on sources of funding and eligibility, and help you fill in any forms.

You don't need to wait until you start your course to contact us. Get in touch early so we can discuss your needs and arrange the right support for you before you get here.
students.leeds.ac.uk/settingupyoursupport



LEEDS STUDENT MEDICAL PRACTICE

A National Health Service (NHS) practice is located close to campus and specialises in all aspects of student health. Leeds Student Medical Practice offers all the usual family doctor services, plus specialist services such as travel advice and immunisation, contraception and sexual health services, and asthma and diabetes management.
www.leedsstudentmedicalpractice.co.uk

If you are required to have a visa to study in the UK, you will have to pay an immigration health surcharge when you make your visa application. This entitles you to health services under the NHS. The surcharge you pay is based on the length of your visa.
www.gov.uk/healthcare-immigration-application

CHILDCARE ON CAMPUS

Bright Beginnings is an award-winning, Ofsted-registered childcare centre, right here on campus. It offers a range of services, including childcare for children aged from three months to five years (preschool) and a playscheme during school holidays for children aged between three and 12 years.
www.brightbeginningschildcare.co.uk



FAITH-BASED SUPPORT AND CONTEMPLATION

There are spaces on campus for prayer and quiet contemplation. If you practise a faith, you can be confident that you will be able to follow your beliefs in Leeds and will find information and support.
students.leeds.ac.uk/prayerandcontemplation

University chaplains, from a range of faith backgrounds, offer a listening ear on any issues you need help with. There are regular group activities, open to everyone – people of faith or no faith – and the chaplaincy can also help you find a local place of worship for your faith.
www.unichaplaincy.org.uk

NEXT STEPS

Choosing the best university for your research degree is an important decision and an investment in your future.



FEES AND FUNDING

Postgraduate research study is a major investment in your future but there's support available to help ease the financial pressure.

FEES

For up-to-date fee information, visit www.leeds.ac.uk/pgrfees

Fees quoted are based on full-time study and apply for each year of the course. If you are studying part-time, the fee is normally adjusted based on the proportion of the course studied each year, but this is not always the case so please check with the Admissions team.

International fees are fixed at the point when you start your studies and will not rise in subsequent years, so you can more easily plan your finances at the outset.

Self-supporting postgraduate researchers can pay fees in full at registration, or in two instalments. If paying in two instalments, 50% must be paid when registering and 50% is payable by direct debit from a UK bank account approximately five months after your start date.

In addition to academic fees, you will need to budget for living costs. Leeds is a relatively low-cost city compared to many areas of the UK, but you'll still need to budget carefully. Get money advice and budgeting tips at www.luu.org.uk/student-advice

POSTGRADUATE DOCTORAL LOANS

The UK government offers Postgraduate Doctoral Loans to eligible students who are self-funding study on a postgraduate doctoral course. You may be able to apply for a loan to help contribute towards course fees and living costs while you study. Postgraduate Doctoral Loans are open to UK and some EU students starting a full-time or part-time doctoral course from September 2018. Read more at www.gov.uk/doctoral-loan

EXTERNALLY FUNDED RESEARCH OPPORTUNITIES

You could benefit from a funded PhD place along with enhanced training and development through Doctoral Training Partnerships (DTPs) and Centres for Doctoral Training (CDTs), which are funded by the UK Research Councils. Work experience and placements may also be available through these routes.

At the time of going to print, a new funding round is expected, so we can't tell you what CDTs we will offer for September 2019. We expect to make an announcement early in 2019. Check the webpage below for up-to-date information.

The University is also proud to take part in the Wellcome Trust PhD Studentships in Science scheme.

Read more about all these funded opportunities at www.leeds.ac.uk/externallyfundedphds

UNIVERSITY SCHOLARSHIPS

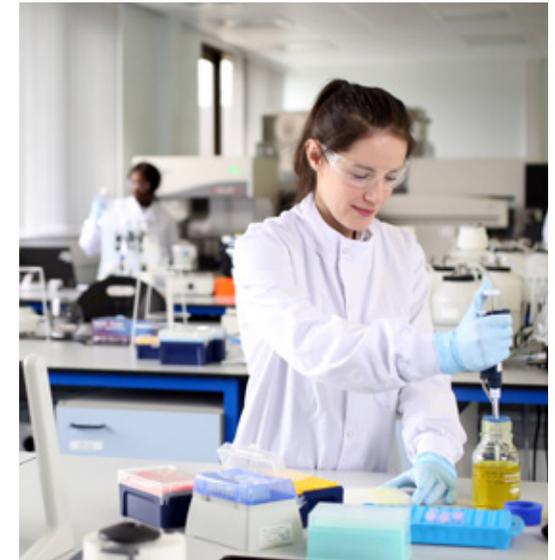
We want to attract postgraduate researchers with the talent, drive and potential to succeed, whatever their financial circumstances. There are a range of scholarships and awards available to home, EU and international students covering full or partial course fees and/or maintenance payments.

The University offers Doctoral Scholarships across the full range of disciplines. Individual faculties and departments also offer a number of scholarships and awards. Read more at www.leeds.ac.uk/researchdegreesfunding

Scholarships are awarded on the basis of academic merit and are very competitive, so it is important you make enquiries and apply to all relevant sources as early as possible.

To search our scholarships database or check individual award values and eligibility, visit www.leeds.ac.uk/pgscholarships

If you are a former undergraduate or Masters student from the University of Leeds, you may be eligible for a 10% alumni tuition fee bursary. To check the latest eligibility criteria and deadlines, visit www.leeds.ac.uk/alumnibursary



TRUSTS, CHARITIES AND FOUNDATIONS

There are many trusts, charities and foundations that award partial funding for postgraduate study.

Useful external sources:

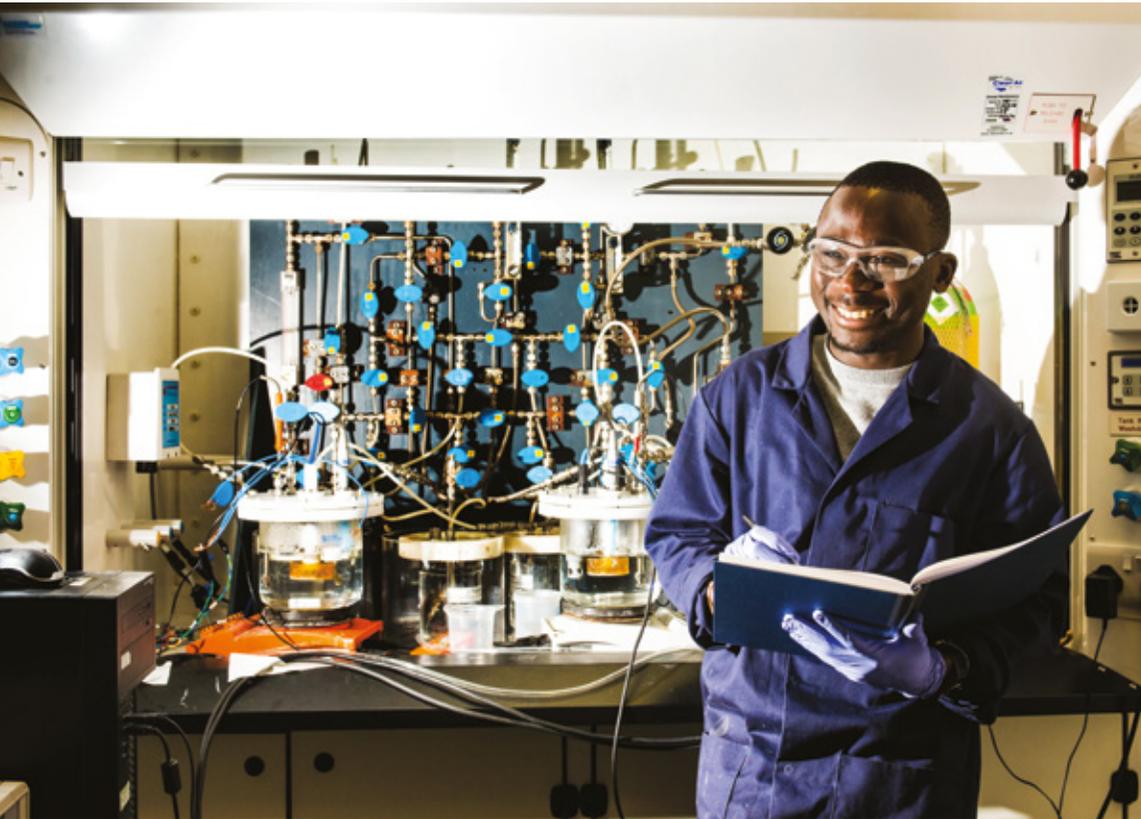
www.findaphd.com
www.postgraduatelstudentships.co.uk
www.prospects.ac.uk
www.britishcouncil.org
www.researchresearch.com
www.postgraduatesearch.com
www.jobs.ac.uk
jobs.theguardian.com

INTERNATIONAL GOVERNMENT FUNDING

If you are coming to study here from overseas you should also contact your own government agencies, as there may be educational support schemes available which provide funding to study in the UK.

SERVICES FOR INTERNATIONAL SPONSORS

If you're an international sponsor looking to provide funding for a Leeds researcher, we offer a number of specialist services to help you monitor and manage the progress of your sponsored student. To find out more contact internationaloffice@leeds.ac.uk



FINDING RESEARCH OPPORTUNITIES

There are different ways to find your research degree.

You can:

- find an advertised project
- start your own project
- apply for one of our funded training programmes (see page 57).

ADVERTISED PROJECTS

You can find the research degrees offered at Leeds in the Research areas on pages 65–71 or by contacting your chosen school or faculty research area.

www.leeds.ac.uk/faculties

We have a strong interdisciplinary ethos, with many departments and schools collaborating in a number of research centres and clusters. These act as forums for the generation and development of ideas and they support collaboration.

Many of our current projects are also listed on www.findaphd.com – search 'University of Leeds'.



STARTING YOUR OWN PROJECT

You may want to start your own project. In some disciplines you will need to write a proposal as part of your application. Don't worry if you only have an outline proposal. Our Doctoral College can help you get started.

www.leeds.ac.uk/doctorscollege

You may already have an idea of the experts within your chosen field you'd like to work with. If you haven't, the relevant graduate school can help you find the best person. Search for potential supervisors on:

- www.leeds.ac.uk/news – find academics taking part in breakthrough research at the University
- www.leeds.ac.uk/faculties – browse our faculty websites, which list their academics.



HOW TO APPLY

Applying to study with us is straightforward. Follow the steps below and apply through our online admissions system. You'll also be able to track your application's progress.

1. EXPLORE THE RESEARCH INTERESTS AT LEEDS

Find out what projects and research areas are available in the listing on pages 65–71.

2. CHECK THE ADMISSIONS PROCESS AND REQUIREMENTS FOR YOUR RESEARCH AREAS

You can do this on the faculty's webpages and by contacting the faculty graduate school. Find out about any deadlines and if you need to submit a research proposal with your application.

www.leeds.ac.uk/graduateschoolcontacts

3. COLLECT SUPPORTING EVIDENCE BEFORE YOU APPLY

All applicants will need:

- copies of your academic transcripts or certificates
- at least two academic references in support of your application and the referees' names and contact details

and, if applicable:

- English translations of your academic transcripts
- English language qualification certificates

you may also need:

- your CV
- a research proposal – see opposite
- visa and immigration documents
- other documents specific to your graduate school.

4. APPLY ONLINE

www.leeds.ac.uk/pgr/apply

You can contact our Research Admissions team at rp_applications@adm.leeds.ac.uk

5. TRACK YOUR APPLICATION ONLINE

You'll receive an email from us to let you know we have received your application. After that you can track the progress of your application online.



FUNDING

Securing funding can be difficult, so you'll need to start looking for sources as soon as possible. Normally you need to have received an offer before you apply for funding. Be sure you know about any funding deadlines. Remember, receiving an offer of a study place from us does not imply you will receive funding. Read the information on page 57 and at www.leeds.ac.uk/researchdegreesfunding

RESEARCH PROPOSAL

For some research degrees you need to submit a research proposal as part of your application – the relevant graduate school will advise you.

A research proposal is your opportunity to demonstrate your subject knowledge and how you intend to influence your desired research area. Read our advice about writing a research proposal at www.leeds.ac.uk/researchproposals

INTERNATIONAL APPLICANTS

We understand that you may need help applying to study your research degree at the University of Leeds.

Face-to-face advice

We have offices in China, India, Japan, Malaysia and Nigeria, as well as a global network of representatives who can advise you about studying at the University. www.leeds.ac.uk/meetus

Our staff regularly travel overseas to meet with prospective students and give advice about being an international student at the University of Leeds. www.leeds.ac.uk/visitstoyourcountry

English language requirements

Read more about the University's English language requirements and recognised qualifications from other countries at www.leeds.ac.uk/internationalentry

Advice from our International Student Office

Our team of immigration experts provides free advice on immigration law and requirements for current and prospective students, and their families. We can assist you with the process of applying for your student visa. Read more at www.leeds.ac.uk/immigration

YOUR STUDY OPTIONS

IMPORTANT INFORMATION

Information provided by the University, such as in presentations, University brochures and on the University website, is accurate at the time of first disclosure. However, courses, University services and content of publications remain subject to change. Changes may be necessary to comply with the requirements of accrediting bodies or to keep courses contemporary through updating practices or areas of study. Circumstances may arise outside the reasonable control of the University leading to required changes. Such circumstances include industrial action, unexpected student numbers, significant staff illness (where a course is reliant upon a person's expertise), unexpected lack of funding, severe weather, fire, civil disorder, political unrest, government restrictions and serious concern with regard to the transmission of serious illness making a course unsafe to deliver. After a student has taken up a place with the University, the University will look to give early notification of any changes and try to minimise their impact, offering suitable alternative arrangements or forms of compensation where it believes there is a fair case to do so. Offers of a place to study at the University will provide up-to-date information on courses. The latest key information on courses, entry requirements and fees can be found at www.leeds.ac.uk/pgr. Please check this website before making any decisions.



ABOUT YOUR RESEARCH DEGREE

Studying for a doctorate is for those seeking to push the boundaries of knowledge. You'll need to be passionate about your subject and committed to your studies – a full-time PhD normally takes three years, or five years part time.

If successful, you'll gain a doctorate, one of the highest degrees awarded by universities in the UK. Studying for a PhD enables you to conduct your own supervised research and make your own original contribution to our understanding of the world. On completion of your studies, you'll be required to submit a thesis including sufficient original material, some of which must be considered suitable for publication, and defend this at a viva voce (oral examination).

RESEARCH DEGREES FROM LEEDS

We offer a range of research degrees, with different modes of study available, including full-time, part-time and, in some cases, split-site study. You can also study a PhD by distance learning with our Faculty of Arts, Humanities and Cultures. Please note that part-time study is not available to international candidates studying in the UK on a tier 4 student visa.

Research degrees you can study with us are:

- Masters by Research
- Doctor of Philosophy (PhD)
- Doctor of Medicine (MD)
- Professional doctorates
- Split-site PhD programmes
- Integrated Degrees of Doctor of Philosophy and Masters (MA & PhD, MSc & PhD)

Find out more about our different research degrees and what's involved at www.leeds.ac.uk/pgr/researchdegree

RESEARCH AREAS

This section gives you an overview of our research areas. It's not an exhaustive list, so be sure to also read the school or institute webpage which appears below the research area.

Accounting and Finance

business.leeds.ac.uk/phd

Asset Pricing Models and Financial Markets
 Banking and Investment
 Behavioural Finance
 Credit Management
 Historical Perspectives in Accounting and Finance
 Market Based Accounting and Decision Making
 Organisations: Ownership, Governance and Performance
 Pensions and Employee Benefits

Biological Sciences

biologicalsciences.leeds.ac.uk/research-innovation

Biomedical Technology
 Biotechnology
 Cardiovascular
 Cancer
 Cell and Organismal Biology
 Ecology and Evolution
 Heredity, Development and Disease
 Integrative Membrane Biology
 Microbiology
 Neuroscience
 Plant Sciences
 Sport and Exercise Sciences
 Structural Biology

Chemical and Process Engineering

engineering.leeds.ac.uk/chemical/research

Advanced Materials Engineering
 Analytical Science
 Applied Photon Science
 Bioenergy
 Clean Combustion
 Complex Systems and Processes
 Digital Manufacturing
 Formulation Science
 Functional Materials, Products and Devices
 Industrial Biotechnology
 Low Carbon Energy
 Molecular, Discrete Element and Fluid Dynamics Modelling
 Nuclear Engineering
 Particulate Products and Processes
 Policy Regulation and Standards
 Waste Management and Resource Recovery

Chemistry

chemistry.leeds.ac.uk/research

Atmospheric and Planetary Chemistry
 Chemical Biology and Medicinal Chemistry
 Colour and Polymer Science
 Computational Chemistry and Chemical Physics
 Crystallisation and Directed Assembly
 Printed Electronics
 Process Research and Development
 Surface Coatings

Civil Engineeringengineering.leeds.ac.uk/civil/research

Architectural Engineering and Building Physics

Cement and Concrete Science

Energy Management and Infrastructure

Engineering Project Management

Flow Modelling and Flood Risk Management

Geotechnics, Geo-energy and
Geo-environmental Engineering

Health and the Built Environment

Infrastructure Materials

Non-destructive Testing and
Structural Health Monitoring

Public Health and Environmental Engineering

Resource Recovery

Smart Structures and Robotics

Structural Composites and Performance of Structures

Sustainable and Resilient Infrastructure

Sustainable Global Development

Water and Wastewater Treatment

Water, Sanitation and Health

Computingengineering.leeds.ac.uk/computing/research

Algorithms, particularly over graphs

Computational Modelling of Biological and
Organ Systems, including computational
neuroscience and computational cardiologyComputer Vision, particularly multi-modal activity
analysis and medical image computing

Data Analytics, particularly biomedical and health-related

Distributed Systems and Cloud Computing

Graphics and Animation

Knowledge Representation and Reasoning

Logic and Proof Complexity

Machine Learning

Natural Language Processing and Text Mining

Ontologies

Parallel and Functional Programming

Robotics, particularly manipulation,
planning and biologically inspired control

Scheduling

Scientific Computing and Numerical Methods

Spatial Representation and Reasoning

User-aware Intelligent Systems

Scientific and Information Visualisation

Dentistrymedhealth.leeds.ac.uk/dentistry/research

Biomaterials and Tissue Engineering

Biomineralisation

Clinical and Applied Research

Dental Education Research and Scholarship

Dental Public Health and Health Services Research

Microbiology and Cell Biology

Designdesign.leeds.ac.uk/research

Archiving and Design History

Art Practice as Research

Colour and Imaging

Experience Design

Textile and Fashion Design

Textiles Technology

Visual Communication

**You can also study a PhD by distance learning in
this discipline.****Earth and Environment**see.leeds.ac.uk/research

Applied Geoscience

Climate and Atmospheric Science

Earth Surface Science

Geophysics and Tectonics

Sustainability

Economicsbusiness.leeds.ac.uk/phd

Development and Wellbeing

Environment, Infrastructure,
Innovation and the Circular Economy

Financialisation and Globalisation

The Macro Economy and Macroeconomic Policy

Work, Labour and Organisation

Educationeducation.leeds.ac.uk/researchChildhood, Education and Social Justice
(including Inclusive Education, Special Educational
Needs and Disabilities, and Deaf Education)

Curriculum, Pedagogy and Policy

Digital Education

Language Education

Electronic and Electrical Engineeringengineering.leeds.ac.uk/electronic/researchAutonomous Systems, Sensor Networks
and Internet-of-Things

Bio-nanoelectronics

Communication Networks and Systems

Electric Power Systems and Applications

Medical Robotics

Microwave and Millimetre-wave Engineering

Signal Processing for Communications

Terahertz Electronics and Photonics

Ultrasonics and Instrumentation

Quantum Electronics and Quantum Communications

Wearable Electronics

Englishwww.leeds.ac.uk/arts/research_in_english

American Literature and Culture

Critical and Cultural Theory

Drama and Theatre Studies

Eighteenth-century and Romantic Literature

English Language (Corpus, Forensic
and Ethnographic Linguistics, and Stylistics)

Medieval and Early Modern

Modern and Contemporary (British and Irish)

New Humanities (Medical, Environmental,
Digital, Digital Editing)

Postcolonial Literature and Culture

Practice-led Research (including Creative Writing
and Performance)

Victorian Literature

**You can also study a PhD by distance learning in
this discipline.****Fine Art, History of Art, Cultural Studies,
Museum and Heritage Studies**fine-art.leeds.ac.uk/research

Art Markets

Artists' Writings and Publications

Continental Cultural Theory

Critical Curatorial Practices and Contemporary Art

Critical Heritage

Critical Humanities

Critiques of Capitalism (Aesthetics-Politics)

Cultural Politics

Feminist Theory, Gender and Visual Studies

Fine Art Practice

Global Perspectives of Art/History

Heritage, Museums and Galleries

Jewish Art and Visualities

Medieval and Early Modern Art Worlds

Postcolonialities

Psychoanalysis and Aesthetics

Social Histories of Art

Sound, Voice and Technology

**You can also study a PhD by distance learning in
this discipline.****Fluid Dynamics**fluids.leeds.ac.uk

Biological and Physiological Flows

Environmental Flows

Geophysical Flows

Imaging in Flow Modelling and Evaluation

Microflows and Heat Transfer

Particulate Flows, Sediments and Rheology

Reacting Flows, Mixing and Safety

Food Science and Nutritionfood.leeds.ac.uk/research

Digestion and Delivery
 Food Colloids and Soft Matter at Interfaces
 Food Safety, Food Security and Global Health
 Functional Biopolymers for Food and Health
 Human Nutrition and Lifestyle Interventions
 Modelling of Food Systems Across Multiple Scales
 Novel Food Design and Processing
 Nutritional Epidemiology
 Obesity, Cancer and Metabolic Disease

Geographygeog.leeds.ac.uk/research**Ecology and Global Change**

Biogeochemical Cycles
 Ecosystems and Evolution
 Global Environmental Science
 Palaeoecology, Palaeoclimate and Chronostratigraphy

River Basin Processes and Management

Aquatic Ecosystems
 Biogeochemistry
 Geomorphology
 Glaciology
 Hydrology and Hydraulics

Social Justice, Cities and Citizenship

Consumption, Public Space and the Arts
 Identity, Difference and Citizenship
 Migration, Precarity and Forced Labour
 Social Movements and Scholar Activism
 Urban Contestation and Alternatives
 Urban Sustainability

Spatial Analysis and Policy

Agent-based Modelling
 Geodemographics
 Geographic Information Systems (GIS)
 Quantitative Geography
 Urban Analytics

Healthcarewww.leeds.ac.uk/soh/research

People, Systems and Services
 Mental Health
 Medicines Optimisation
 Maternal, Child and Family Health
 Long-term Conditions

History and Medieval Studies

www.leeds.ac.uk/arts/research_in_history
www.leeds.ac.uk/arts/medieval-studies

Cities
 Colonial and Postcolonial Studies
 Enterprise and Cultures of Consumption
 Health, Medicine and Society
 Medieval Studies
 Modern History: Britain, Europe and International
 War and Peace
 Women, Gender and Society

You can also study a PhD by distance learning in this discipline.

International Businessbusiness.leeds.ac.uk/phd

Conflict and Litigation in International Business
 Corporate Governance in the International Firm
 Cross-Cultural Management and Language
 FDI in and from Emerging Economies such as China and India
 Global Innovation
 International Strategy and Firm Competitiveness
 Theory of the Multinational Enterprise

Languages, Cultures and Societywww.leeds.ac.uk/arts/research_in_languages_and_cultures

Arabic, Islamic and Middle Eastern Studies
 Classics
 East Asian Studies
 French
 German
 Italian

Linguistics and Phonetics
 Russian and Slavonic Studies
 Spanish, Portuguese and Latin American Studies
 Translation Studies
 World Cinemas and Digital Cultures

Lawlaw.leeds.ac.uk/research

Business Law and Practice
 Criminology and Criminal Justice
 Innovation and Research in Legal Education
 Law and Social Justice

Managementbusiness.leeds.ac.uk/phd

Decision Research
 Entrepreneurship
 Logistics, Information Management, Operations and Networks
 Organisational Behaviour, Learning, Change and Socio-technical Systems
 Strategy, Technology, Innovation and Leadership

Marketingbusiness.leeds.ac.uk/phd

Global Marketing and Export Strategy
 Consumers Behaviour and Branding
 Strategic Marketing

Mathematicsmaths.leeds.ac.uk/research

Algebra, Geometry and Integrable Systems
 Analysis
 Astrophysical and Geophysical Fluids
 Complex Materials and Industrial Mathematics
 Data Science
 Financial Mathematics
 Mathematical Biology and Medicine
 Mathematical Logic
 Nonlinear Dynamics and Complex Systems
 Probability and Stochastic Modelling
 Statistics

Mechanical Engineeringengineering.leeds.ac.uk/mechanical/research

Advanced Manufacturing
 Biomechanics and Robotics
 Corrosion and Erosion-Corrosion
 Datacentres
 Design Sciences
 Energy Efficient Aerospace and Automotive Design
 Engineering Fluids and Micro/Nano-fluidics
 Scale Formation in Oil and Gas Production
 Healthcare Technologies
 Thermofluids and Combustion
 Tribology and Surface Engineering
 Tribology and Tribochemistry

Media and Communicationmedia.leeds.ac.uk/pg/phd

Digital Cultures
 Global Communication
 Journalism
 Media Industries and Cultural Production
 Political Communication
 Visual Media and Communication

Medical and Biological Engineeringwww.imbe.leeds.ac.uk

Biomaterials and Tissue Substitution
 Functional Spinal Interventions
 Joint Replacement
 Tissue Engineering and Regenerative Medicine

Medicinemedhealth.leeds.ac.uk/medicine/research

Anaesthesia
 Applied Health
 Audiology
 Behavioural Sciences
 Biomedical Imaging
 Biostatistics
 Cancer Biology
 Cancer Outcomes
 Cardiac Physiology
 Cardiovascular and Metabolic Medicine

Clinical Education
 Clinical Trials
 Elderly Care
 Epidemiology
 Gastroenterology
 Genetics and Genomics
 Gynaecology
 Haematology
 Health Economics
 Health Informatics
 Health Sciences
 Immune-related Musculoskeletal Disorders
 Immunology
 Infection and Anti-microbial Resistance
 International Health (systems and services)
 Medical Education
 Molecular Medicine
 Musculoskeletal Medicine
 Neurosciences
 Obstetrics
 Oncology
 Ophthalmology
 Orthopaedics and Trauma
 Palliative Care
 Pathology and Digital Imaging
 Personalised Medicine
 Primary Care
 Psychiatry
 Psychological and Social Medicine
 Public Health
 Radiography
 Rehabilitation Medicine
 Reproduction and Early Development
 Rheumatic and Musculoskeletal Medicine
 Surgical Technology
 Translational Medicine
 Vascular Medicine

Music

[music.leeds.ac.uk/research](https://www.leeds.ac.uk/research/music)

Making Music

Composition (acoustic, electro-acoustic)
 Improvisation
 Performance Research (including historically informed performance, editing)

Music and Science

Music and Wellbeing (health, environment, society)
 Music Technology (history, development, computing, multimedia, instruments)
 Psychology of Music (development, identities, listening behaviour, perception)
 Technologies and Practices of Film Music

Music as Culture

Critical, Historical and Applied Musicology
 Film Musicology
 Music and Cultural Difference
 Music and Literature

You can also study a PhD by distance learning in this discipline.

Performance and Cultural Industries

pci.leeds.ac.uk/research

Applied Performance and Social Engagement
 Arts Marketing, Management and Leadership
 Contemporary Opera and Music Theatre
 Creative Entrepreneurship
 Cultural and Creative Industries
 Cultural Policy and Development
 Digital Technologies and Performance
 Dramaturgy and Creative Writing
 Engagement and Participation in Theatre and the Arts
 Interactive, Immersive and Participatory Performance
 Performance and Popular Culture
 Performance Making and Composition
 Performer Training
 Phenomenology and Embodied Spectatorship
 Scenography, Costume and Lighting Design

You can also study a PhD by distance learning in this discipline.

Philosophy, Religion and History of Science

www.leeds.ac.uk/arts/research_in_prhs
www.leeds.ac.uk/arts/applied-ethics

Aesthetics and Philosophy of Art
 Applied Ethics
 Epistemology
 Ethics and Metaethics
 History of Science, Technology and Medicine

Metaphysics
 Philosophical Logic
 Philosophy of Language
 Philosophy of Mind and Action
 Philosophy of Physics
 Philosophy of Religion
 Philosophy of Science
 Political Philosophy
 Religion and Cultural Heritage
 Religion and Gender
 Religion and Global Development
 Religion and Public Life
 Religion and Social Sciences
 Theological Ethics

You can also study a PhD by distance learning in this discipline.

Physics and Astronomy

physics.leeds.ac.uk/research

Astrophysics
 Condensed Matter
 Molecular and Nanoscale Physics
 Physics Education
 Soft Matter Physics
 Theoretical Physics

Politics and International Studies

polis.leeds.ac.uk/research

Contemporary Political Theory
 Data Analytics
 Democratic Engagement
 Global Development
 Responsibility to Protect
 Security Studies

Psychology

medhealth.leeds.ac.uk/psychology/research

Ageing
 Behaviour Change
 Childhood Development
 Health and Wellbeing
 The Nervous System

Robotics

robotics.leeds.ac.uk

Artificial Intelligence for Robotics
 Assistive and Rehabilitation Robotics
 Bio-Robotic Control
 Enabling Technologies for Robotics
 Exploration Robotics
 Infrastructure Robotics
 Robot Manufacturing
 Robotic Manipulation
 Robotic Perception, Learning and Reasoning
 Service Robotics
 Soft Robotics
 Surgical Robotics

Sociology and Social Policy

sociology.leeds.ac.uk/research

Disability Studies
 Ethnicity and Racism Studies
 Families, Life Course and Generations
 Health, Technologies and Social Practice
 Interdisciplinary Gender Studies
 Social, Economic, Environmental and Political Life

Transport

www.its.leeds.ac.uk/courses/phd

Choice Modelling
 Economics and Appraisal
 Human Factors and Safety
 Social and Political Sciences
 Spatial Modelling and Dynamics

Work and Employment Relations

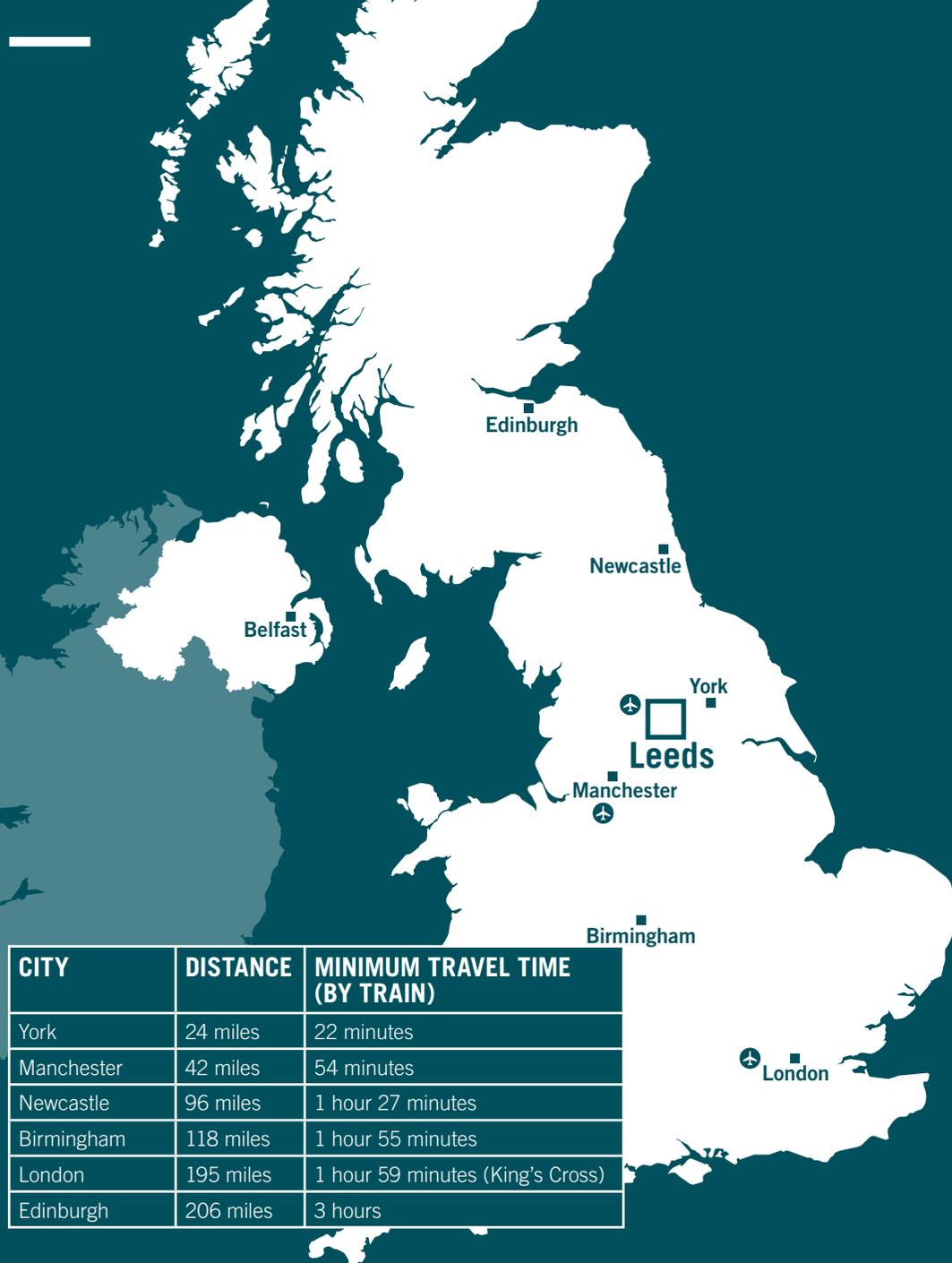
business.leeds.ac.uk/phd

Between Professions and Precarity: the New World of Work
 Changing Structures of Governance and Organisation
 Employment, Skills and Occupations
 Labour Mobility, Migration and Citizenship
 Markets, Flexibilisation and Social Protection
 Voice, Representation and Social Movements

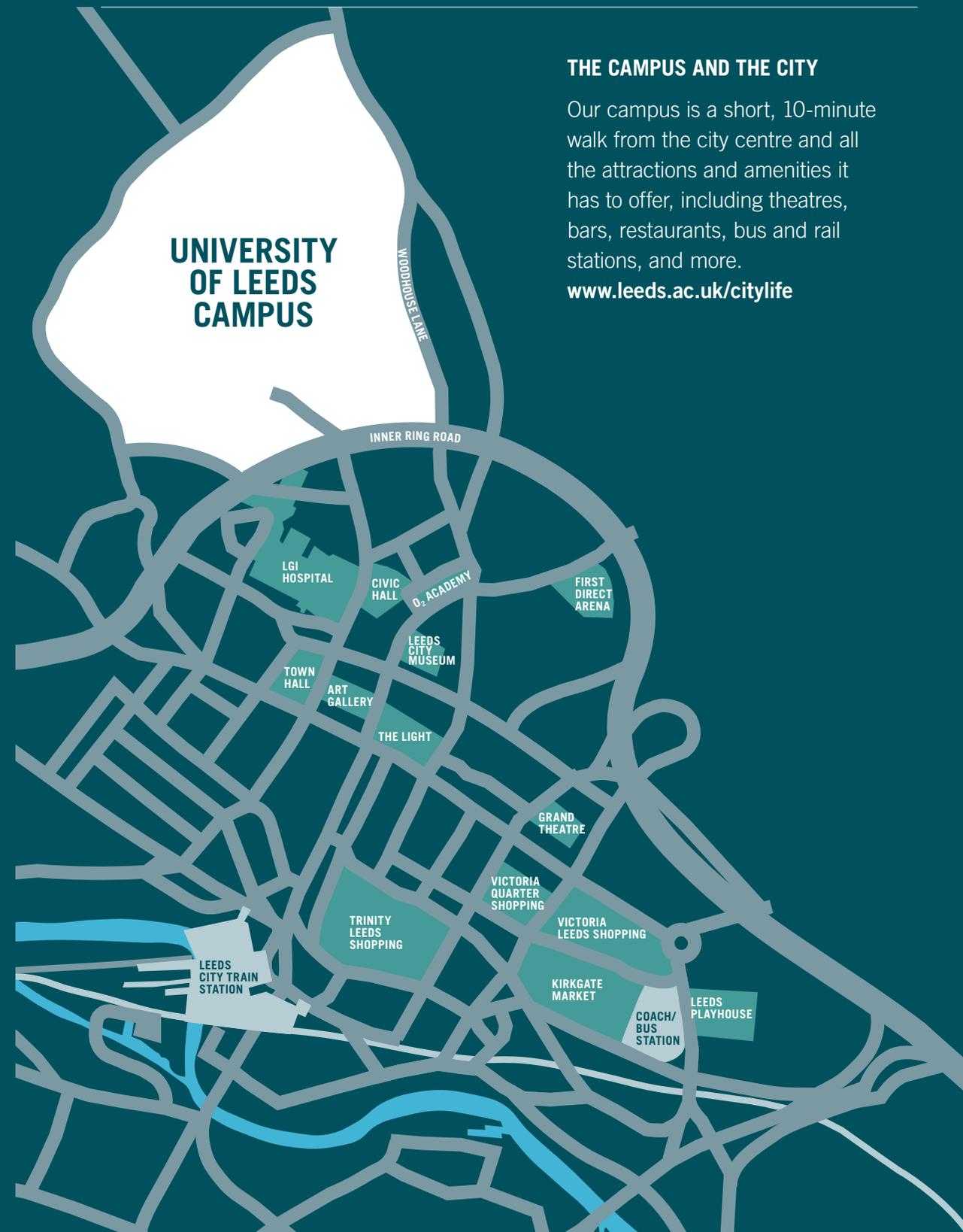
MAPS AND HOW TO FIND US

HOW TO GET HERE

For full details on how to get here by train, bus, car and air, visit www.leeds.ac.uk/howtofindus



UNIVERSITY OF LEEDS CAMPUS



THE CAMPUS AND THE CITY

Our campus is a short, 10-minute walk from the city centre and all the attractions and amenities it has to offer, including theatres, bars, restaurants, bus and rail stations, and more.

www.leeds.ac.uk/citylife

Alternative formats

If you require any of the information in this prospectus in an alternative format, such as Braille, large print or audio, email disability@leeds.ac.uk

This brochure was printed in September 2018 and some of the information in it may have changed. For more information about postgraduate research, visit www.leeds.ac.uk/pgr

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STUDENT CASE STUDIES
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