

Research and Innovation Strategy 2030



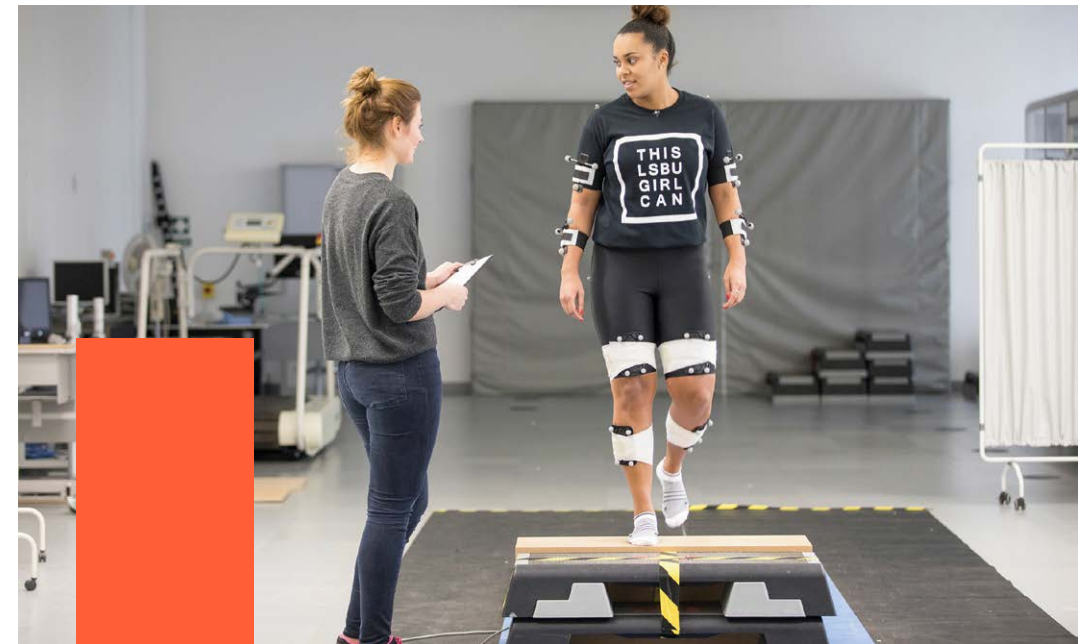
Vision 2030

At LSBU our 2030 vision for research and innovation is to undertake:

Distinctive research and innovation that benefits our local and global community

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Welcome & Background



For decades, LSBU has transformed lives, communities and businesses through applied research, enterprise, and innovation that tackles significant local, national, and global challenges.

Our nationally and globally recognised research strengths have helped deliver low-carbon heat, power and transport systems, reduced refrigeration emissions, improved and shaped peoples' health and wellbeing, improved healthcare workforce planning, tackled injustice, domestic and gang violence, reduced gender inequalities in sports participation, and improved the lives of people with special needs. We are involved in more regeneration projects than any university in London and have supported over 1,500 organisations to bring innovations to market in priority sectors, such as Net-Zero, creative industries, digital and health. Our Research and Innovation Strategy 2030 builds upon and accelerates these outstanding achievements.

Our Research and Innovation Strategy 2030 provides continuity with the University's commitment to deliver 'Real World Impact'. This Strategy is informed by the University's performance in the 2021 Research Excellence Framework and the Knowledge Exchange Framework. This Strategy sets out our ambitions for the next six years.

They are to:

- Foster distinctive research & innovation that addresses local, national and global challenges, and benefits communities, businesses and public sector organisations.
- Enhance the quality and reach of our research and innovation in our areas of strength.
- Promote a collaborative, thriving and interdisciplinary research and innovation culture.
- Champion inclusivity, diversity and sustainability.
- Attract, retain and develop outstanding research and innovation leaders and provide an infrastructure for their success.
- Accelerate and extend the impact of our research, knowledge exchange, and innovation.
- Provide outstanding postgraduate research education and supervision.
- Invigorate student learning with new insights, challenges and thinking.

Our Strategy focusses our effort in areas of existing strength, whilst demonstrating our ambition to extend the impact of our activities and to address emerging and complex societal challenges. Central to our ambition, and to our success, are our people, infrastructure, international collaborations, and business partnerships. We will nurture an inclusive research, innovation and enterprise culture and value inquisitive exploration and scholarship.

Working together, we will extend and celebrate the role that LSBU plays in delivering outstanding research and innovation with far-reaching impact, championing regional development, and developing new knowledge and advanced technical skills, nationally and internationally.

Professor Rodney Day

Pro-Vice Chancellor (Research & Innovation)

Strategic Vision & Focus

Vision

Distinctive research & innovation that benefits our local and global community

Aspiration

Mission-led Themes

Improving community health and wellbeing

Developing sustainable, smart, and accessible technologies

Building better, safer & inclusive communities

Giving our Research & Innovation Purpose

Delivering our Vision

Ambition

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Areas of Research & Innovation Strength

University Research Centres

Health & Wellbeing

Digital & Data

Bioscience & Bioengineering

Energy, Materials & Environment

Building Future Communities

How we benefit society

Sustainable Development Goals



Strategy Implementation

Delivering the Strategy

Exceptional People and Thinking

Research with Purpose

Infrastructure & organisation

Impactful Innovation & enterprise

Partnering and Place

Global Reach and Impact

What does success look like

2030 Indicators of Success

Research & Innovation Income: £50 million

Benchmarked Quality of Research outputs (FWCI): 1.5

Research Productive Staff: SRR 350

International Reputation: QS world ranking top 500

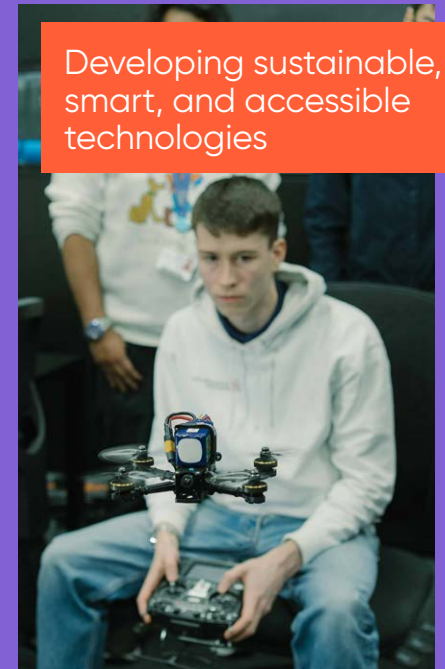
Mission-led Themes

We are enormously proud of the way we tackle challenging global and local problems, engage with under-represented groups and local communities, and support civic regeneration and business growth. We will build on this by focusing on research, innovation and enterprise in areas where we can make the biggest difference. We will promote three mission-led themes that will enable us to draw together and extend the work that we do and place wider societal benefits at the heart of our activities and ambitions.

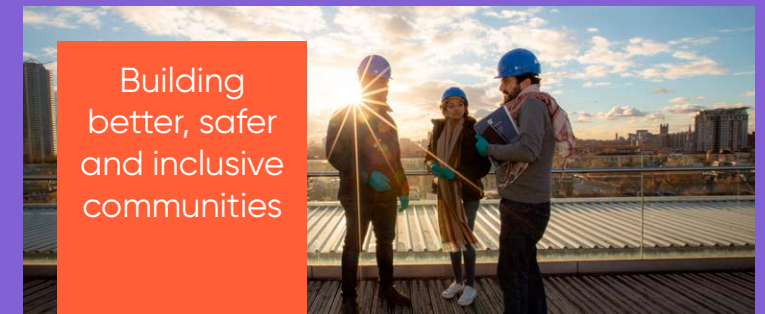
Our Mission-led Themes for 2023–2030 will be:



Improving community health and wellbeing



Developing sustainable, smart, and accessible technologies



Building better, safer and inclusive communities

Research Groups & Centres

To be successful, we must organise ourselves in a way that increases the quality, scale, reputation and impact of our research and innovation. Fundamental discoveries and solutions to societal and technological challenges are increasingly found at the interface between subject disciplines and so it is imperative that we enable and promote a research environment that has a strong interdisciplinary focus. Therefore, alongside a renewed Research & Innovation Services team and the LSBU Doctoral College this Strategy re-imagines and re-invigorates two important institutional structures to enhance our research and innovation culture, and deliver quality research at scale, with impact, and across disciplines.

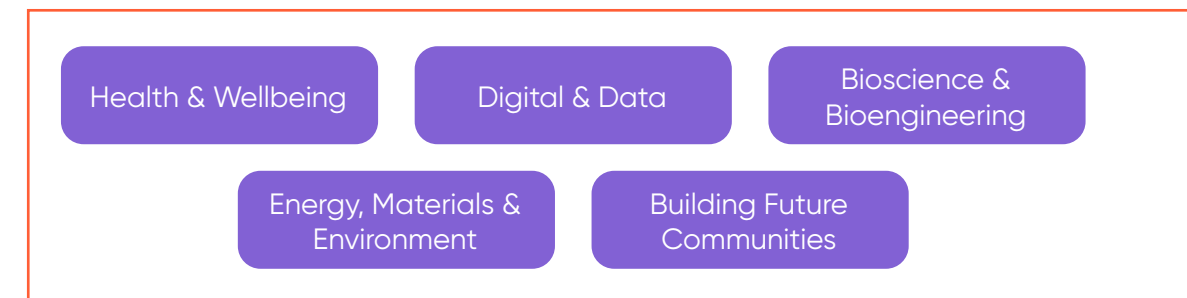
University Research Centres

At LSBU, we have many areas of research and innovation that are outstanding. Our new University Research Centres will build on these, focus on our institutional areas of strength, and provide a greater concentration of interdisciplinary research and innovation. We will support fewer, larger, cross-institutional University Research Centres that have sufficient scale, national and international reach and reputation, and broad-based subject expertise to be competitive in the national and international funding landscape.

Our new, institutionally supported, University Research Centres will:

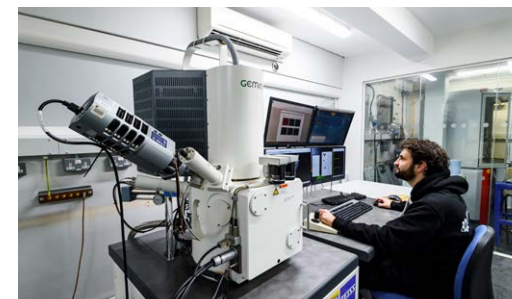
- Demonstrate outstanding leadership in research and innovation.
- Stimulate distinctive research, innovation and enterprise that benefits our local and global community.
- Drive interdisciplinary collaboration across LSBU bringing together staff with diverse interests to address LSBU mission-led themes.
- Build a self-sustaining and enriching environment with sufficient critical mass, capacity and capability for world-leading research, innovation and enterprise.
- Champion a supportive peer environment for the development of all LSBU staff and PGRs.
- Accelerate national and international collaborations, and stakeholder relationships, for impactful research, innovation and enterprise outcomes.
- Act as beacons of research, innovation and enterprise within and beyond LSBU.

LSBU Research Centres will encompass focussed thematic research and innovation alongside the intellectual contributions of staff from science and technology as well as arts, social sciences and humanities, that is needed to tackle complex societal challenges. LSBU will support University Research Centres in the following five areas. It is expected that, as our research and innovation strengthens and widens, additional University Research Centres will be formed.



School-based Research Groups

School-based Research Groups provide a pivotal community of subject focussed research, innovation and entrepreneurial interest, where in-depth internationally renowned expertise can be nurtured. LSBU's School Research Groups will remain School-focussed entities and will be the home and developing ground for subject excellence, and a robust research, scholarship and innovation ethos. School Research Groups will provide a supportive environment for staff to develop, an invigorating atmosphere of intellectual challenge, informal mentoring for academic progression, as well as subject-related training and development for postgraduate researchers and early career researchers.



Strategy Implementation

The delivery of this Strategic Plan is built around six areas for action: Exceptional People and Thinking; Research with Purpose; Infrastructure and Organisation; Impactful Innovation; Partnerships and Place; and Global Reach and Impact. Our people, the core of whom are our staff and students, and our values are at the heart of our plan.

Exceptional People & Thinking

1. Foster a research and innovation culture that embraces team-based interdisciplinary collaboration, and values creativity, scholarship and intellectual contributions with societal application.
2. Attract, retain and develop a diverse and inclusive community of staff and research leaders with a passion and talent for research, innovation and business engagement.
3. Support the personal, professional and career development of researchers and ensure that our PGR community is at the heart of our research ambition.

Research with Purpose

1. We will increase the capacity, capability and productivity of our research, innovation and enterprise activity.
2. We will focus on high quality applied research that has the potential for local and global reach and impact.
3. We will co-create new knowledge, technology, innovation and insights alongside our communities of practice and business partners.ambition.

Infrastructure & Organisation

1. We will form large, focused, interdisciplinary University Research Centres, and thriving School-based Research Groups with clear operating guidelines.
2. We will implement effective and efficient operational systems, governance that supports research integrity, digital and support services that are fit for purpose, and processes that enable research & innovation to take place in a frictionless environment.

Impactful Innovation

1. We will be known for the translation of our expertise, through knowledge exchange and skills development, into better businesses and organisations.
2. We will provide a collaborative environment where people with innovative and creative ideas can flourish, and IP can be commercialised.
3. We will foster a community of entrepreneurs and entrepreneurial thinking amongst our staff, students and local communities, and provide training and opportunities for the exploitation of ideas.

Global Reach and Impact

1. We will create long term strategic international research and innovation partnerships by connecting our research strengths through LSBU Global's reach.
2. We will increase international collaborations and the global recognition of our research outputs, impact and environment.
3. We will drive the extension of research and innovation into benefits to the economy, culture, policy and services, public health, and the environment.

Partnerships and Place

1. We will develop and sustain long-term relationships with local, national and international businesses, academic institutions and public sector organisations.
2. We will champion university-business-community partnerships across all parts of the LSBU Group ensuring our local civic partners, LSBU students and local communities, derive value and benefit from our research and innovation.



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For more information

lsbu.ac.uk/research