Our Vision

To transform lives, communities, businesses and society through applied education and insight.

United Nations SDGs

The Sustainable Development Goals (SDGs) were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, provide quality education and ensure that by 2030 all people enjoy peace and prosperity.

The LSBU Group has embedded nine of the seventeen UN SDGs into our Corporate Strategy.
In our five-year Corporate Strategy, published last year, LSBU Group ensured that each one of our 2025 Goals is measured against a relevant United Nations Sustainable Development Goal (SDG) as a framework for delivering equality, environmental sustainability, education, health and wellbeing and economic prosperity. Our commitment to Student Success, for example, is measured against SDG 3: Good Health and Well-being and SDG 4: Quality Education; while our commitment to Real World Impact is measured against SDG 9: Industry, Innovation and Infrastructure (a complete list is available on page 8).

During the last twelve months we have continued to weather a global pandemic, witnessed increasingly erratic climatic events and had our attention drawn by Black Lives Matter and other movements to the discrimination faced by so many in our society. In this context, our commitment to the UN SDGs is more important than ever. Therefore, each of the stories, updates and achievements included on the following pages are presented alongside the UN SDG to which they contribute.

Although much of the 2020/21 academic year has been conducted online, this year’s Annual Review is brimming with award-winning research, competition success and teaching innovations from across the Group – including our UTC piloting the country’s first-ever Year 14 and Lambeth College pioneering the use of body-cams in their remote lessons.

A highlight of the year for me, was the then-Minister for Apprenticeships and Skills, Gillian Keegan MP, coming to Vauxhall for the ground-breaking of our new London South Bank Technical College – the UK’s first purpose-built technical college for a generation.

This will provide Level 3 and 4 courses to train the next generation of engineers and scientists. In October we also opened LSBU Croydon – the first university campus in the south London borough.

The higher education sector continues to face a number of challenges. However, there are also opportunities. The resilience that the LSBU Group structure provides means that we are uniquely placed to respond to the continuing changes in funding and provision. The creation of the new Lifelong Learning Entitlement, proposed in the Skills for Jobs White Paper, will allow us to increase the flexibility of our provision including more step-on, step-off options for learners. It will also enable us to collaborate with a wider array of further education providers – such as the agreements signed this year with Orbital South Colleges and Croydon College Corporation.

We have also made active interventions into the policy landscape to promote (in line with SDG 4) inclusive and equitable quality education. With the Higher Education Policy Institute, we published England’s first Social Mobility Index for Higher Education. Based on the US Index, it seeks to measure the socio-economic “distance travelled” by learners, enabling universities to assess their overall contribution to social mobility in the context of their institutional mission. We also collaborated with Aston University to publish a paper on Universities of Technology – examining how the Government can better support those institutions with a focus on applied research and STEM teaching, which have a big part to play in the Levelling Up agenda. It has been encouraging to see the positive reception to both papers from policymakers and the wider sector.

I hope you enjoy this year’s annual review and agree with me that the commitment our staff and students show to climate change, social justice, education, health, wellbeing and economic opportunity shines through.

Professor David Phoenix OBE
FAcSS, DL DUniv, DSc, FRCP (Edin), FSB, FRSC, FIMA, PFHEA
Vice-Chancellor and Chief Executive, LSBU Group
The LSBU Group comprises South Bank Academies, South Bank Colleges, South Bank Enterprises and London South Bank University. Working to one vision it seeks to deliver the educational needs of communities and business locally and globally.
<table>
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<th>Access to Opportunity</th>
<th>Student Success</th>
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<tr>
<td>Through local and global partnerships we will create opportunities for individuals, business and society and seek to remove barriers to success.</td>
<td>Recognised as a leading organisation for outstanding practice-led learning, fostering the development of able graduates ready to address business and societal challenges.</td>
<td>Research and innovation that enhances teaching and tackles global and civic challenges, generates critical insights and sustainable solutions to transform the lives of individuals, communities, businesses and society.</td>
<td>To create a flexible physical and digital environment, allowing opportunities for personalisation, that is fit for the future, mobile friendly and embraces innovation and sustainability.</td>
<td>Create a transformational and inclusive culture that is people centric, values led and ambitious; enabling LSBU Group to empower staff and to attract and retain a diverse range of skilled individuals.</td>
<td>Alignment of core activity with business and society’s current and future requirements in terms of skills, knowledge and innovation and insight.</td>
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2025 Goals

**• Progress against UN SDGs**

**• Positively impact 1 million lives**

**UN SDGs**

**17: Partnership for Goals**

**2025 Goals**

**• Increase in students’ social capital**

**UN SDGs**

**3: Good Health and Well-being**

**4: Quality Education**

**2025 Goals**

**• £5bn of economic impact**

**UN SDG**

**9: Industry, Innovation and Infrastructure**

**2025 Goals**

**• Environmental sustainability**

**UN SDGs**

**12: Responsible Construction and Production**

**13: Climate Action**
With around 2,000 apprentices LSBU is one of the largest providers of higher and degree apprenticeships in the country, offering the widest range of higher and degree apprenticeship standards of UK universities with more than 40 apprenticeship standards available. LSBU is ranked 25th among apprenticeship training providers.

Rate My Apprenticeship 2020-21

South Bank Colleges has begun construction of London South Bank Technical College - the UK's first purpose-built technical college for a generation.

LSBU is an Athena Swan Bronze Award holder for commitment to Equality, Diversity and Inclusion.

LSBU is ranked 25th among apprenticeship training providers

Rate My Apprenticeship 2020-21

Lambeth College was shortlisted for the Best Teaching and Learning Initiative Award and the Support for Learners Award at the TES Further Education Awards 2021

South Bank Colleges has begun construction of London South Bank Technical College - the UK’s first purpose-built technical college for a generation

LSBU is a Top 10% performer in the Rate My Apprenticeship 2020-21 survey.

LSBU Nursing and Midwifery Students are among the top 10% of earners among graduates in their profession.

Longitudinal Educational Outcomes Data 2018-19
(Published 2021)

LSBU is ranked 25th among universities globally for reducing inequalities and 17th among universities for gender equality.

Times Higher Impact Ranking 2021

LSBU is joint 17th among UK universities for graduate starting salaries at 1 year after graduation.

Longitudinal Educational Outcomes Data 2018-19
(Published 2021)

LSBU is ranked 25th among universities globally for reducing inequalities and 17th among universities for gender equality.

Times Higher Impact Ranking 2021

LSBU is the top provider of nursing qualifiers in London with over a fifth of the capital’s new nurses graduating from the university in 2019/2020.

LSBU Nursing and Midwifery Students are among the top 10% of earners among graduates in their profession.

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Longitudinal Educational Outcomes Data 2018-19
(Published 2021)
End hunger, achieve food security and improved nutrition and promote sustainable agriculture

The School includes the London Agri-Food Innovation Clinic (LAFIC), which is co-funded by the European Regional Development Fund. Led by Senior Food Technologist Adri Bester, LAFIC has engaged with hundreds of small and medium-sized enterprises (SMEs) on products from condiments to snack bars and vegan teas, providing support on product development, evaluation and on scaling up initiatives.

Each client receives an initial one-to-one consultation with LAFIC staff to better understand their business needs before developing a customised programme to meet their innovation goals, with support including financial modelling, building a brand and market research.

One such example is Pure Foods of London, which provides fresh sandwiches to organisations across the city, including crucial NHS frontline services. In order to support them through the pandemic, Adri quickly put together a comprehensive plan to ensure that Pure Foods of London could continue to operate throughout the coronavirus lockdowns, including a new risk management process. Thanks to the plan, the organisation furloughed fewer of its staff and increased production despite the challenges.

Researching the pandemic’s mental health toll

Over the last year, Professor Marcantonio Spada and Professor Ian Albery of LSBU’s Centre for Addictive Behaviours have been conducting research into Covid-19 Anxiety Syndrome, which is reportedly causing many people to struggle with reintegrating into daily life following the lifting of lockdown and social distancing.

The research shows that one in five of the 286 UK-based participants that took part in a survey in February 2021 scored highly on the Covid-19 anxiety syndrome scale, including:

54% strongly endorsing avoiding public transport because of a fear of contracting the virus;
49% strongly endorsing avoiding touching things in public spaces because of a fear of the virus;
38% strongly endorsing avoiding going out to public places because of a fear of the virus;
14% strongly endorsing paying close attention to others displaying possible symptoms of the virus;
9% strongly endorsing reading about news relating to the virus at the cost of work engagement.

These new findings show how vital it is that people affected by Covid-19 Anxiety Syndrome receive support and the importance of mental health service providers making this a priority.
Improving patient safety through coroner’s reports

The Coroners and Justice Act (2009) places a statutory duty on coroners in England and Wales to issue a Prevention of Future Death (PFD) report following an inquest if they believe that action should be taken to prevent a future death.

There are currently no processes to analyse coroners’ reports at a macro level in England and Wales. A research team, led by Professor Alison Leary, LSBU Chair of Healthcare and Workforce Modelling, sought to examine the feasibility of extracting data from these reports and to evaluate if learning was possible from them.

Out of the 710 PFDs analysed, there were 3469 concerns raised. From the analysis of the data, there were five primary themes that were identified, with around 98% of reports including more than one concern:

1. Missed, delayed or uncoordinated care
2. A deficit in skill or knowledge
3. Communication and cultural issues
4. Systems or equipment issues
5. Lack or inappropriate use of resources.

The researchers found more than thirty cases in which coroners expressed concerns over having to issue multiple reports with the same concerns to the same organisations. In one case the same coroner issued seven PFDs to one organisation across just four years. This demonstrates that some trusts repeatedly fail to implement learning from PFDs.

The emergence of common themes indicates there is a substantial opportunity for learning from PFD reports. Policymakers, providers of health and social care, employers and professional bodies could use learning from PFD reports to improve care by addressing the recurrent issues which are also reflected in other datasets such as incident reporting. This learning could be timelier if data quality issues were further addressed in the coroner’s system allowing for more automated extraction or systematic use of findings.

New leadership programme for GPs launched

LSBU, the Royal College of General Practitioners (RCGP) and Modality Partnership have launched the first “new to partnership” GP leadership programme to provide primary care leaders with the knowledge and skills they need lead at executive level.

The “Leading Primary Care” programme covers all essential aspects of primary care management and leadership for effective General Practice and Primary Care Network delivery. The programme is the first of its kind and aimed at primary care partners, leaders and clinical directors, including thousands of GPs across the country.

Primary Care is vital to our health service, and leaders in General Practice and Primary Care have had far too little access to leadership and management development. We have designed this programme with our colleagues at Modality and RCGP to provide essential knowledge and skills for healthcare leaders. We believe it will lead to the development of senior leaders who are able to lead robust primary care teams and innovate across primary care systems.”

Prof. Becky Malby
Professor of Health Systems Innovation, LSBU
SDG 3: GOOD HEALTH AND WELL-BEING

World-first e-cigarette trial to help homeless quit smoking

The National Institute for Health Research (NIHR) has awarded a £1.7 million grant to LSBU to conduct a trial looking at whether e-cigarettes could help people experiencing homelessness to quit smoking.

The research project is led by Lynne Dawkins, LSBU Professor of Nicotine and Tobacco Studies from the Centre for Addictive Behaviours Research and Dr Sharon Cox from UCL with support from seven other academic research partners.

Around 70% of homeless people smoke tobacco - far higher than the UK average of 14%. E-cigarettes are the most popular method used in a "smoking quit attempt", with some studies suggesting they are more helpful than nicotine gum or patches. For people on low or no income, however, the price of a starter kit using refillable liquid is as high as £20 upwards. LSBU researchers have set up the trial to find out whether supplying free e-cigarette starter kits at centres for people experiencing homelessness could help to combat this problem.

"This is the first study of its kind in the world to look at trialling this method. If we find that providing free e-cigarette starter kits helps people to quit, homeless centres could decide to adopt this approach in future, to help reduce the impact of smoking-related diseases among people who are homeless."

Professor Lynne Dawkins
Professor of Nicotine and Tobacco Studies, LSBU

Lockdown activity in older generations

Dr Rita de Oliveira and PhD student Zsofia Szekeres, together with Professor Katya Mileva and Dr Lisa Zaidell, have been studying the cognitive, emotional and physical effects of exercise and motivations to exercise among the over sixties, including how this may have changed in light of the coronavirus pandemic. Participants were supplied with advice and information about local exercise groups before their activity was reviewed in interviews, 2 and 6 weeks later.

Early results indicate that the older generation faces several limitations to exercise, particularly in lockdown with restrictions on socialising preventing participants from exercising in groups and a lack of space making exercising at home difficult.

For those who were previously active, the structure of having an exercise class in their diary helped to organise their day, with cancellations now leaving them demotivated. Many participants cited that they used to attend classes for the social benefits. As such, group dynamics and socialising were important for motivation, without which the emotional wellbeing of participants was significantly impacted.

While still in the early stages, the research has nevertheless highlighted the importance of supporting the older community, particularly due to their anxiety around exercising, and the importance for this generation to keep active. Dr de Oliveira and Zsofia recommend that older people are provided accessible resources from trusted sources in various formats (such as television, YouTube, radio and leaflets). In addition, ‘buddying up’ may aid in replicating group dynamics and scheduling a time slot to exercise will provide a beneficial daily structure.

Dr de Oliveira has also recently been part of a panel of experts that, on behalf of the British Association of Sport and Exercise Sciences (BASES) has been called upon to provide evidence to a range of government committees including the Department of Culture, Media, and Sports Select Committee on major cultural and sporting events; the House of Lords Select Committee, on a National Plan for Sport and Recreation and the House of Commons Digital, Culture, Media, and Sport Select Committee.
SDG 4: QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

As we recover from the pandemic it’s even more important than ever that young people can learn the skills they need to get really good jobs. London South Bank Technical College will be the first new purpose-built technical college for a generation and will give students access to the hi-tech facilities they need to launch great careers in in demand industries including engineering and science.”

Gillian Keegan MP
Apprenticeships and Skills Minister

Construction of the UK’s first new technical college for a generation begins

Work to build the UK’s first purpose-built comprehensive technical college for a generation commenced in May 2021. London South Bank Technical College will open to students in autumn 2022 and will train the next generation of engineers and scientists from its site in Nine Elms.

The first phase of building work will deliver a 9-storey building for students to study technology, construction, engineering and science in hi-tech classrooms and workshops. Other blocks will subsequently be constructed to enable specialisms in health science and business.

The new College has been joint-funded by a £21 million grant from the Mayor of London’s Skills for Londoners Capital Fund, through the London Economic Action Partnership.

“When I was re-elected I promised to make jobs, jobs, jobs a top priority for my second term as Mayor, as we do everything we can to help the capital recover from the impact of the Covid-19 pandemic. It is fantastic news that the first new technical college in the UK will be built right here in London – and I look forward to seeing students gain the skills they need to access good jobs in the future.”

Sadiq Khan
Mayor of London
Croydon’s first university campus

The opening of LSBU Croydon in October brings the first university campus to the south London borough.

Given the significant nursing shortage in south London and south east England, LSBU Croydon will initially focus on healthcare, utilising the University’s expertise in training nurses through our links with over 60 NHS Trusts. The building will feature brand new specialist facilities including simulated nursing wards and Chiropractic suites. In addition to degrees in adult nursing and mental health nursing, the campus will offer the only Chiropractic Master’s Degree available in Greater London.

By 2030 we hope to have around 8,000 students studying at LSBU Croydon, with the campus playing a major role in our vision to transform lives, communities, businesses and society through applied education and insight.

Keeping Active with the Jack Petchey Foundation

For many years, Lambeth College has run a sports enrichment programme designed to assist and encourage students to engage in physical activity – with activities ranging from use of the on-site gym to scheduled weekly classes in basketball, football, dance, boxing, yoga, volleyball, table tennis, badminton and volleyball. The sessions provide both a chance to exercise in a social setting and pathways to amateur competition.

During lockdown, Lambeth College took part in an “Around the World Challenge” run by the Association of Colleges with students competing against other colleges in England and Wales. Learners were tasked to complete as many miles as possible on Strava (walking/jogging or cycling) and made a total of 640 miles.

The College also has a strong partnership with the Jack Petchey Foundation. The foundation was set up by Petchey to inspire and motivate young people across London and Essex to reach their full potential by recognising learners who have gone above and beyond to achieve. Lambeth has been a partner for 10 years and has the highest number of achievement award nominations in London with 45 students a year being recognised for their contributions in academic and sporting endeavour.
Designing the country’s first ever “Year 14”

Around a dozen students at South Bank UTC were unable to take their places on engineering apprenticeships at the start of this academic year, due to the employers instigating hiring freezes in response to the impact of coronavirus.

Faced with the challenge of these pupils finishing school in the height of a pandemic, the UTC collaborated with other members of LSBU Group to find a solution.

They quickly spotted that the BTEC engineering programme offered at the UTC covered much of the content in the University’s HNC mechanical engineering course. Working together, South Bank UTC and LSBU created a new “Year 14” to enable pupils to stay on for an extra fifth year at the school.

By working with the University on curriculum content and enrichment activities, that additional year has given the students the opportunity to enhance their Level 3 BTEC study to meet the HNC requirement at Level 4; with the University providing scholarships to cover the fees for all students who wish to enter themselves for the qualifying exam.

While an HNC is a recognised and valuable qualification in its own right, all pupils who achieved a merit in the exam have been given the option to transfer directly into the second year of the University’s mechanical engineering degree.

Thanks to this innovative approach, students are not missing out on their qualifications due to factors outside of their control, and instead have had a new pathway created for them as well as the opportunity to achieve a Level 4 qualification for free.

School of Business recognised at CIMA Awards

The Chartered Institute of Management Accountants (CIMA) has honoured LSBU for its outstanding contribution to the accounting profession, with the University winning awards for Employability Excellence and Teaching Excellence at the first-ever CIMA Excellence Awards on 11th December.

The CIMA Excellence Awards celebrate outstanding academic partners, tuition providers and students who have made significant contributions to the accounting profession and the Institute over the past year.

The Teaching Excellence Award recognises a CIMA subject lecturer who has demonstrated excellent engagement with CIMA students and effectively helped them to enhance their understanding of the subject taught. The Employability Excellence Award recognises academic partners who actively promote employer involvement and engagement between CIMA students and industry partners in the profession.

For LSBU to win two CIMA awards for Employability Excellence and Teaching Excellence demonstrates the high-quality teaching and learning our students receive. We congratulate LSBU Senior Lecturer, Nadeeka Withanage, and her team for beating off competition from universities around the world to win the prestigious CIMA awards. It is another example of how LSBU is providing outstanding learning to enable our students to succeed.”

Professor Sarah Moore-Williams
Dean of the LSBU Business School
Eric Ballestero’s Young Person’s award for Innovation in Acoustical Engineering is testament to the hard work and creativity produced by students in LSBU’s Acoustics department. This world-first research project has achieved results that will help to protect the hearing of musicians performing in the Royal Opera House orchestra pit. It will also go a long way towards protecting the hearing of future generations of musicians performing in venues around the world.”

Eric Ballestero’s Young Person’s award for Innovation in Acoustical Engineering is testament to the hard work and creativity produced by students in LSBU’s Acoustics department. This world-first research project has achieved results that will help to protect the hearing of musicians performing in the Royal Opera House orchestra pit. It will also go a long way towards protecting the hearing of future generations of musicians performing in venues around the world.”

Professor Stephen Dance
Professor of Acoustics, LSBU

Eric’s research, “Acoustic conditions in orchestra pits: are metadiffusers a potential solution?” was commissioned by the Royal Opera House to:

- identify noise issues in the orchestra pit and provide a technical solution;
- create an acoustic improvement to work in the pit’s confined physical space.

In the process of trying to find the most efficient method of noise reduction in the orchestra pit, Eric has created the world’s first broadband metamaterial to diffuse sound, using ultra-thin diffuser designs. This innovation was necessary as there was very limited space available in the pit.

Sound engineering project wins young person’s award for innovation

Eric Ballestero, a PhD student from LSBU’s Acoustics department was awarded the Young Person’s Award for Innovation in Acoustical Engineering 2021 by the Institute of Acoustics in March.

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SDG 4: QUALITY EDUCATION

Piloting the use of body cameras in practical teaching

The pandemic has forced Lambeth College to explore new ways to deliver content for students – particularly in courses where practical skills are integral. One example of the innovations that have occurred over the last year is a pilot undertaken by a group of teachers from both Construction and Hair & Beauty to use body cameras as part of their teaching.

The cameras can be worn on a lanyard by the teacher, fixed on a surface using a magnet or hand-held. Footage was uploaded to Microsoft Teams and used as part of lessons to model skills or explain key features and techniques.

Bricklaying students were treated to short teaching clips featuring walls situated around one teacher’s neighbourhood, Beauty students were able to watch their teacher modelling beauty treatments such as eyebrow tints and massage, and Hairdressing students could see their teacher modelling different cutting and colour techniques. The footage enabled students to continue learning and developing their practical skills while seeing and hearing from their teachers which helped them to remain socially connected to the college too.

Going forward, Lambeth College has purchased cameras of its own so that this work can continue to complement face-to-face teaching.

Providing Work Placements for ESOL Students

Lambeth College partnered with Spiral Skills this year to offer 80 young people studying ESOL (English for Speakers of Other Languages) courses the opportunity to take up local work experience placements after employment preparation workshops.

Education institutions typically struggle with work experience uptake, both in finding placements that match the interests of their students and student retention when in placements. In working in partnership with Spiral however, we were able to find 15 suitable opportunity partners offering placements across Lambeth including both local employer partners and larger corporates. As a result, 100% of the students completed their work experience placement and the initiative was shortlisted for the Support for Learners Award at the TES Further Education Awards 2021.
Our science club has exploded in numbers since we got access to the microscope. I’m enjoying the gasps of delight when you zoom in on pretty much anything. Ultimately our students feel like scientists because they have access to an incredibly advanced piece of technology. I hope this microscope encourages them to study science and go on to successful and rewarding careers in science.”

Jon Searle
Head of Science, South Bank University Academy

UAE South Bank working with the Natural History Museum

This year, UAE South Bank became one of the first schools in the country to benefit from a new loan scheme run by Hitachi High-Tech America. The loan enables schools to have access to cutting-edge technology used by world class scientists, including scanning electron microscopes (SEMs). SEMs put a focused electron beam over a surface to create an image. They enable electrons to deliver a better resolution than standard microscopes which use light.

The UAE South Bank loan was secured thanks to the support of Dr Alex Ball, Head of Imaging and Analysis at the Natural History Museum. Dr Ball oversees the Natural History Museum’s world-class imaging and analytical laboratories used by over 300 staff, visiting scientists and post-graduate students to understand the Museum’s world-leading collection of over 80 million objects and contribute to our understanding of the natural world.
Award-winning Apprenticeships

Despite the many challenges thrown up by the pandemic, the LSBU Group apprenticeship team has seen a number of successes over the last year. The University was ranked 25th nationally among apprenticeship providers on Rate My Apprenticeship 2020-21 and one of nine providers nationally (and only two universities) shortlisted for the BAME Apprenticeship Awards. The School of Applied Sciences was also successful via a competitive external tender in its applications to offer Level 7 Clinical Associate Psychologist and Level 6 Psychological Well-Being Practitioner apprenticeships.

Individual LSBU Group Apprentices also had success at various industry awards including:

- An LSBU apprentice winning the Apprentice of the Year at the 2020 London Borough Apprenticeship Awards, run by London Councils.
- LSBU apprentices coming first, second and third in the CIBSE Building Services Apprentice Awards 2020.
- An LSBU apprentice winning and another being highly commended, in the construction category of the BAME Apprenticeship Awards.
- An LSBU apprentice winning the Runner Up Prize as Employee of the Year at the Worshipful Company of Chartered Architects Apprenticeship Awards.

A lockdown apprenticeship: getting to grips with the world of planning during a global pandemic

LSBU was one of the first universities to offer the Level 7 Chartered Town Planner Degree Apprenticeship. The programme, which has entry points for both school leavers and graduates, has been designed in response to both a need for new planning professionals and to increase diversity in the sector.

Cara Collier is currently working as a planning policy technician at the London Borough of Havering, while also completing the Chartered Town Planner Degree Apprenticeship at LSBU.

The chartered town planner apprenticeship route was offered to me at postgraduate entry soon after I started at the London Borough of Havering. I thought this was a great opportunity to accelerate my learning and put me on track to become a Royal Town Planning Institute (RTPI) accredited town planner. I knew this would support my career in the long term and be a beneficial qualification to allow me to progress into a planner or senior planner role."

Cara Collier
Chartered Town Planning Apprentice

Throughout the pandemic, the University has worked to minimise any disruption faced by both apprentices and employers. Cara says that the guidance offered by the LSBU apprenticeships team helped her to understand fully what was involved and feel more confident about what to expect.

The team at LSBU have also provided extra support, setting up seminars and working groups to make connections with other students, as well as allowing for more flexible learning arrangements with pre-recorded content and extensive online resources.
New industry award set up in honour of former Acoustics Academic

The Institute of Acoustics has created a new award to celebrate and recognise excellence in teaching, learning or other education activities, in the name of former LSBU Acoustics Academic, Dr Bob Peters.

The aims of the award, originally proposed by LSBU’s Dr Luis Gomez-Agustina are:

1. To celebrate the memory of the late Dr Bob Peters who is widely remembered for his outstanding contribution to acoustics education and his long-standing commitment to teaching and student success.

2. To recognise excellence in the design, plan, delivery, management of acoustics education, or other significant contributions to education in acoustics.

Dr Peters taught part-time at LSBU for over 25 years (while also working as a consultant), running the IOA Diploma and the Environmental and Architectural MSc, advising on research projects and also acting as internal PhD examiner for various PhD students at LSBU including Dr Gomez-Agustina. He is fondly remembered by numerous colleagues and students as a highly effective and inspiring educator as well as a generous, approachable and affable person.

The first nominations will be considered in autumn 2021 for award in 2022. The award will be biannual and for a single outstanding or significant contribution to acoustics education and training or a sustained long-term activity in this respect.

Triumph at Royal Television Society awards

Film Practice students distinguished themselves in March at the Royal Television Society (RTS) London Student Television Awards 2021, winning two awards:

• Short Film – for Introspection by Ben Watson, Jem Horstead, Aeneas Macdonald and Sam Cousins

• Editing – for Introspection by Ben Watson

The School of Arts and Creative Industries actively encourages creative and ambitious film-making to ensure our students realise their true potential and make films they are proud of, showcasing their ability.

The RTS London Student Television Awards are the equivalent of the Oscars for film students and this was the University’s third, consecutive, award-winning year. The success of our students is a credit to the excellent teaching they receive from a committed staff team.
SDG 5: GENDER EQUALITY

Achieve gender equality and empower all women and girls.

Reducing our Gender Pay Gap

LSBU’s mean gender pay gap has steadily reduced from 13.25% in 2009 to 4.4% in 2020. This is not only significantly lower than UK industry as a whole (17.1%) but also the higher education sector (16.1%).

The University has a balanced workforce in terms of gender: 53% of our staff are female and 47% male and the pay is balanced in all but the lowest quartile (39.9% male and 60.1% female).

While it is positive that the gender pay gap trajectory is reducing, the University will not be complacent on this issue. We know that there is much more we can do as we start to broaden our thinking and use our data, insights, best practice and innovation to ensure that our interventions accelerate the pace of change.

We’re focusing our attention on initiatives and action that improves this position along with continuing to implement recommendations from our Athena Swan submission. Our new Equality Diversity and Inclusion Framework and Strategy enables us to continue to work in collaboration with staff, students and partner agencies in advancing gender equality, with LSBU’s values underpinning our work on equality, diversity and inclusion.

Supporting staff experience the menopause

In March, LSBU launched an ambitious new policy to increase support for staff who experience the menopause. The policy aims to enable employees to continue being effective in their jobs and to raise wider awareness and understanding among all staff about the menopause.

The LSBU Menopause Policy will increase support to staff who experience the menopause by:

• Agreeing individual plans to support the needs of staff who experience the menopause
• Providing information to all staff who are directly or indirectly affected by the menopause
• Offering guidance to all LSBU managers about supporting staff who experience the menopause
• Delivering training on women’s health issues, including the menopause, to all LSBU managers
• Raising awareness and understanding among all 2000 LSBU staff about the effects of the menopause to develop an understanding and supportive culture.

Our new Menopause Policy will ensure the individual needs of all LSBU staff who experience the menopause are met. We will provide information and training to all LSBU staff and will support employees who experience the menopause with a range of adjustments to their working conditions, including flexible working. The Policy demonstrates LSBU’s strong commitment to strengthening our culture of respect, dignity and fairness so all employees receive the support they need for their health and wellbeing."

Marcelle Moncrieffe-Johnson
Chief People Officer, LSBU Group
Male Sexual Violence Support Service awarded the UK Quality Standard

This year, LSBU became the first university to be independently accredited as meeting national Quality Standards for services supporting male victims and survivors of sexual violence.

The national Quality Standards are set and issued by LimeCulture and Male Survivors Partnership who work to improve the quality of sexual violence services for victims and survivors in the UK.

The Sexual Violence Service Quality Standard was issued to LSBU after a review of its sexual violence services, interviews and a site visit by LimeCulture/Male Survivors Partnership. LSBU advisers within its Sexual Violence Liaison Support team have received specialist and accredited training to be able to provide a high standard of support to students including:

- Advice about reporting sexual violence.
- Liaison with internal and external organisations and specialist organisations, including counselling services.
- Academic support for students to learn and achieve what they are capable of.

Rosie Holden
Director of Student Services, LSBU

Emeritus Professor awarded MBE in Queen’s Birthday Honours List

In June, Professor Bridget Shield was awarded an MBE in the Queen’s Birthday Honours for her “services to Acoustic Science and to inclusion in Science and Engineering.”

Professor Shield is a former Professor of Acoustics in the School of Built Environment and Architecture, having first joined South Bank Polytechnic as a lecturer in 1986. After nearly 30 years of teaching, she retired in 2014 and was honoured with the title Emeritus Professor.

She obtained a BSc and MSc in Pure Mathematics at the University in Birmingham, before studying for a PhD on the prediction of noise levels in factories. At LSBU, she was active in teaching, research and consultancy in environmental and architectural acoustics.

When Professor Shield joined the Institute of Acoustics there were very few women members and she was the first female Council member, the first female Fellow, the first female Honorary Fellow and, most notably, the first female President. Her example and her encouragement of women in the acoustics industry have led to a culture shift in the Institute, with around a third of the Council now being made up of women, and women taking leading roles on other Institute of Acoustics Committees.

Throughout her career Professor Shields championed the inclusion of girls and women in science and engineering. In the 1980s and 1990s, she was joint chair, with Linda Edwards Shea, of the LSBU Women in Engineering Group. Together, they established the national Women in Engineering Centre at the University which provided support, encouragement and information relating to engineering professions.
LSBU 100: Women in Engineering

LSBU was one of the first universities in England to teach women engineering in 1920. To celebrate the centenary year, in September LSBU launched a series of events: LSBU 100: Women in Engineering – running until 23 June 2021 (International Women in Engineering Day) to highlight the incredible achievements of women engineers in the UK.

Engineering contributes 26% of the UK’s GDP (£455 billion). More than 1 million women work in science, technology, engineering and maths jobs across the UK and the number of women in engineering has nearly doubled in the last decade.

But across the UK, women make up less than 18% of higher apprentices in engineering and manufacturing and 7% of all engineering apprentices. The UK has the lowest percentage of female engineering professionals in Europe, according to the UKRC. In 2017, only 15% of the country’s engineering undergraduates were women, compared to countries like India, where 30% of engineering undergraduates are female.

By recognising and celebrating the immense achievements over the past 100 years of our students and staff, it is hoped that the University has contributed to breaking down barriers for the next generation of women in engineering.

Kenneth Lightfoot Medal awarded to Smart Energy Grid

This year, the Institute of Refrigeration’s Kenneth Lightfoot Medal for best technical paper was awarded to an LSBU team, led by Catarina Marques, for their project paper GreenSCIES – Green Smart Community Integrated Energy Systems – Integration with Data Centres.

Presented as part of the Institute of Refrigeration’s 2020 TechTalk calendar, the paper outlines the team’s work to deliver low carbon, affordable energy through a novel smart energy system that connects flexible electricity demands such as heat pumps and electric vehicles to intermittent renewable energy sources such as solar power.

GreenSCIES is a revolutionary smart local energy system that aims to reduce carbon emissions and tackle fuel poverty across the London Borough of Islington. The project will help Islington Council achieve its ambition of being a net zero carbon borough by 2030. GreenSCIES will deliver low-carbon heating, cooling and power to residents and businesses in Islington, while also helping to power the growing demand for electric vehicles. Smart control technologies optimise energy use across the network, reducing bills and tackling fuel poverty head-on.
The Power of Hydrogen

This year, Professor Yunting Ge, LSBU Professor of Building Services Engineering, has received funding for two separate studies investigating the use of hydrogen power.

The first, funded by a £60,000 grant from Innovate UK, will look to develop a new way of storing hydrogen in buses, with the project aiming to deliver:

- Improved safety – with the hydrogen being stored at lower pressures in smaller cylinders instead of the large high-pressure cylinders currently used.
- More space – due to the replacement of larger cylinders with smaller ones.
- Reduced power consumption – because the new storage system could provide the bus with cooling power for air conditioning.

Professor Ge will work with industry experts in thermal management, Ricardo, on design and analysis in the first phase. This will be followed by the development of a prototype of new hydrogen storage in the second phase of the project.

£60,000 grant from Innovate UK to develop a new way of storing hydrogen in buses

The second project, funded with a £979,290 grant from the Engineering and Physical Sciences Research Council is a world-first investigation into developing a new way of recovering waste heat from industry and decarbonising heating and cooling through new hydrogen technologies. The new approach to recover waste heat using hydrogen technology offers three major benefits:

- Huge cost and energy savings – about 60% of total waste heat produced in the UK by industry (48 TWh/yr) could potentially be reused in district networks. That provides a major opportunity for industries to save money and energy.
- Significant carbon emission reductions from using new hydrogen technology.
- Higher energy and cost savings than renewable energy due to lower cost from limited heat recovery facilities and larger temperature ranges from 40°C to 1650°C.

The new hydrogen technologies which will be studied include:

- Chemical heat pumps to recover waste heat at various grades.
- Long-distance transport networks to transfer recovered energy more efficiently.
- Advanced heating and cooling systems.

Both projects are examples of LSBUs ground-breaking research work to curb climate change, cut carbon emissions, improve air quality and create a more sustainable planet through world-first research.
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

**Employability Team wins CUBO Award**

Staff in LSBU’s Employability and Placements Service won a prestigious College and University Business Officers (CUBO) award in December for Business Partnership of the Year.

The award was for work by LSBU’s Employability and Placements Service and Keystone Talent Bank employment agency which has supported over 200 students into jobs since 2018. LSBU’s winning entry, was one of nine categories in this year’s CUBO awards for providing effective employment services to students on campus.

“This award is recognition of the hard work and successful relationship between LSBU and Keystone Talent Bank. We have supported around 230 students into work since 2018, developed their skills, given them access to financial support and enabled them to compete in the current COVID affected labour market. For LSBU, winning this CUBO award is further proof that the University excels at setting up graduates for successful future careers.”

Kulvinder Birring
Head of Employability & Placements, LSBU

**Lambeth College Partners with Job Centre Plus to Launch Lambeth Youth Hub**

Lambeth College has created a new “Lambeth Youth Hub” at their Clapham Centre in collaboration with Job Centre Plus and the London Borough of Lambeth in response to the acute effect that the pandemic has had on the employment opportunities for young people.

The Hub aims to create opportunities for unemployed people aged 19-24 and above, offering a one-stop shop with an array of support services including job search assistance, CV workshops, interview skills, maths and English support and housing and mental health support.

The College has recruited two Youth Support staff to run the group and provide 1-1 support for young people to access the service and since January 2021, the College assisted over 130 learners.
Surveying Independent BAME High-Street Businesses in Lewisham

The pandemic undoubtedly had a dramatic impact on the UK’s high street retailers. Retail sales fell by nearly 2% between 2019 and 2020, (the largest fall on record), while online sales rose to take up nearly 34% of the total. Several of the biggest brands in high street fashion disappeared, only to reappear online. Independent retailers on local high streets, always dependent on passing trade, faced the devastating cash flow impact of enforced closure or, if they remained trading, reducing or collapsing footfall density.

Following the easing of restrictions on non-essential retail and hospitality businesses on 17th April 2021, the Economy & Partnership Team at Lewisham Council commissioned Charles Graham of LSBU’s Business School to carry out a survey looking into the number of Independent and Black, Asian and Minority Ethnic (BAME) businesses on Lewisham’s high streets, as well as the lack of footfall that may be affecting their survival.

To collect data, trained student researchers from the Business School made repeated visits to Lewisham’s ten high streets and were able to interview 94% of independent businesses. The challenges that businesses were facing included a lack of footfall, problems surrounding branding and awareness and cash flow problems requiring outside intervention.

The report made a number of recommendations, including a programme of support and advice from the Council, individual high street marketing strategies, and a view to encourage innovation and entrepreneurship to tackle shop vacancies.

Lewisham is reported to be the 15th most ethnically diverse borough in the country and the results of the survey confirmed just how closely Lewisham high streets reflect the population they serve and will enable the Council to shape policies to support them to do so.
Measuring SDG Impact for Infrastructure Projects

Professor Simon Philbin, working with former LSBU academics Dr. Paul Mansell (University College London) and Professor Rao Bhamidimarri (Institute of Advanced Research, Gandhinagar) has undertaken a research project designed to create a range of models, processes and analytical tools to measure the Sustainable Development Goals (SDG) impact of infrastructure projects.

Achievement of the United Nations SDGs by the year 2030 is of global significance. However, realising the SDGs can be particularly challenging in many industries since targets are set at a national rather than a project level. Also, while the “triple bottom line” (economy, environment and society) approach to sustainability remains important, there is a need to understand how this can translate to the full project lifecycle. In the case of the construction industry, there is a major opportunity to leverage the large-scale investment in the sector and achieve a measurable impact against the SDG 2030 targets.

The research project surveyed 350 engineers and 40 CEOs/Heads of Sustainability, finding that, while SDG measurement practices are embraced in principle, they are problematic in practice. In other words, action rarely matches the rhetoric across the construction industry.

In response to this, the study has produced an innovative process model to link project delivery with strategic SDG impacts: the Infrastructure SDG Impact-Value Chain (or IVC). The IVC provides a holistic process to improve the measurement of sustainability on infrastructure projects by guiding investment decisions and linking to SDG targets.

The research findings are being actively applied on the £4.9billion Thames Tideway Tunnel and by the Environment Agency in its new £5.2billion portfolio of projects.
We are committed to working towards eliminating differential outcomes for our staff and students by addressing these imbalances robustly and sustainably through our culture, strategies, frameworks, policies and processes.

The University is working hard to close ethnicity and gender pay gaps through:

- Delivering inclusive recruitment at all levels of our organisation.
- Opening up new promotion routes for staff to develop and move roles.
- Providing coaching, mentoring and sponsorship for LSBU staff.

Publishing our Ethnicity Pay Gap data demonstrates LSBU’s commitment to having open and honest conversations about race and ethnicity and our work to deliver equality for all: everyone, everyday and everywhere. LSBU is working tirelessly to break down barriers to deliver equality for all. We won’t rest until the Ethnicity Pay Gap at LSBU is closed and have set a clear target to achieve that by 2025.”

Marcelle Moncrieffe-Johnson
Chief People Officer, LSBU

Closing the Ethnicity Pay Gap by 2025

In November, LSBU joined a small number of forward-thinking UK higher education organisations, businesses and charities in publishing its ethnicity pay gap data. By publishing ahead of any Government legislation, we hope to demonstrate our commitment to having open and honest conversations about race and ethnicity at the University and beyond, as well as beginning to embed action to close the gap.

Analysis showed that the University’s ethnicity pay gap has shrunk by 3.4% since 2017 and at 12.2%, is in line with the sector average (among published institutions) of 12%.

LSBU is proud to be one of the most diverse universities in the country with almost one-third of the University’s staff identifying as BAME (29%). However, we also acknowledge that we need to do more to address the barriers that BAME staff face in reaching senior level positions in our institution. While white staff account for 60% of the overall staff body, in 2019/20, they represented 76% of staff within the upper quartile and only 47% at the lower quartile.

Leaders Unlocked Racial Justice Project

Four students from the Lambeth College Student Union worked with the Commission for Racial Equality over the past academic year to carry out online research gathering the voices and experiences of other young people aged 16-25.

Meeting with the commissioning group and other colleges, their findings created a video that now forms part of a national educational resource package to support positive change in four key areas (education, employment, health and wellbeing and policing). The aim of the project included involving students directly in action to promote racial justice throughout London and national colleges and beyond.

Yorkshire Bank "Be Part of the Change"

“Racial justice is not an add-on. It is the DNA of everything we do. We need to make some difficult choices but I have no doubt that it will be worth it. To get there, we must work towards reducing inequality in everything we do.”

Peter Kelly
Chief Executive, Yorkshire Bank

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Local Architecture firm mentors UAE Students

The architecture and engineering sectors have a pressing need to ensure the diversity of their professionals reflects the communities they serve. For eight months over the last year, architecture firm Mowat & Company in Southwark have been leading a self-initiated mentorship scheme with five pupils from UAE South Bank as part of its Day-10 extracurricular programme.

The mentorship has included site visits, architectural history tours of Southwark and discussing the reality of social housing compared with the London Housing Design Guide. The pupils also took part in a housing design project, based within the Rockingham Estate - a London County Council estate near to the school - conducting surveys to find out what people want from their homes and how existing homes can be extended and improved.

The surveys revealed three space types, extendable, sharable, and ones for privacy. This gave Mowat & Company compelling ideas for new housing layouts that matched up to Southwark residents’ real needs, particularly for extended families. Following the site visits, Mowat & Company and the pupils found gaps on the Rockingham Estate where they could design new homes. Each site was allocated to a student with the name based upon its qualities and history.

While teaching the pupils more about the principles of user-led design, the project also formed part of Mowat & Company’s work on Southwark Council’s Housing Design Framework and has highlighted the importance of aiding and listening to the communities they design for.

Supporting more BAME students to work in the Property Industry

Chancerygate Foundation have announced a new £180,000 bursary programme to enable more black and minority ethnic students to study at LSBU and build careers in the property industry.

Only 1.6% of Royal Institution of Chartered Surveyors (RICS) professionals in the UK are from black or ethnic minority backgrounds. The £180,000 bursary programme will support six students who are black and minority ethnic with £10,000 a year for their living expenses while studying on LSBU courses which lead to RICS accreditation. The programme supports LSBU’s work with the Bridge Group on increasing diversity in the UK’s property industry.

The not-for-profit Chancerygate Foundation was established in 2020 to create an inclusive and diverse UK real estate sector where people from disadvantaged black and minority ethnic backgrounds can succeed.
London barbershops trained to test blood pressure in UK-first project

LSBU, Croydon BME Forum and Off the Record launched a project in April to train barbers in eight barbershops in Croydon to measure and give advice about blood pressure to their customers in a UK-first project.

The London barbershop blood pressure testing project is inspired by a successful health study in Los Angeles barbershops in 2018 which resulted in 68% of those with high blood pressure ending the study with healthy blood pressure levels.

Around 30% of men in the UK currently have high blood pressure, and around half of these are not diagnosed or receiving treatment. High blood pressure is the third biggest cause of disease in the UK, leading to kidney disease, vascular dementia and mobility problems, costing the NHS £2 billion every year. The London barbershop project will target Black and Asian men who are more likely to have high blood pressure and less likely to be diagnosed than the general population.

For the first time in the UK, barbers will offer testing to their customers to find out if they have high blood pressure and then give advice about how to reduce it. Sadly, millions of adults in the UK have high blood pressure and half are undiagnosed which can lead to strokes or heart attacks. Our Croydon barbershop project aims to understand if we can run a similar project to the one in Los Angeles. It is the trusting relationship that customers have with their barbers that is so important – we need to take healthcare out into the community.

Nicola Thomas
Professor of Kidney Care, LSBU

New mental health services funding for Black students

LSBU Group has launched a new £380,000 programme to directly address and reduce the inequality experienced by Black students in higher education, through better mental health services and support.

LSBU’s ‘Proactive and Preventative Interventions for Black Students’ project is part of the mental health funding competition programme funded by the Office for Students. It will be run by LSBU, Lambeth College, Healthy London Partnership / NHS London, NHS Good Thinking and South Bank Students Union.

Nationally, Black students are significantly disadvantaged in terms of outcomes in Higher Education and this is compounded for Black students who have a mental health diagnosis. At LSBU, Black students are less likely to self-refer for mental health support and are overrepresented within LSBU’s crisis referral support programme.

The two-year programme will increase preventative and proactive support for those at higher risk of developing mental health conditions, as well as promoting early access to support for all who would benefit.

This £380,000 project will be led in partnership with our students and have co-creation at its heart. The project will make a significant contribution to LSBU’s wider efforts to improve their experience and reduce the structural inequalities Black students can face when accessing higher education and mental health services.

Rosie Holden
Director of Student Services, LSBU
LSBU students Streetcharge their way to victory in Mayor of London’s Entrepreneur Competition

In June, a team of Mechanical Engineering students were named winners of a £20,000 prize at the at the Mayor of London’s Entrepreneur Competition.

Matthew Grindstaff, Talha Syed, James Cane and Khaled Sad Saoud won the Environment Award for Streetcharge, an electric vehicle charging station which uses less pavement space compared to existing chargers and could help meet the growing need for infrastructure to meet the demand for electric vehicles.

The Streetcharge team fought off fierce competition, with more than 500 teams entering the competition.

Kristen Tapping, a recent LSBU graduate, also made it to the finals with her concept GoRolloe, a device that attaches to bike wheels to filter air pollution.

The Mayor’s Entrepreneur programme aims to make London cleaner, greener and ready for the future.

The Environment Award sought entries developing creative ideas to reduce carbon emissions in the city.

The winning students are intending to use their award winnings to get Streetscape started to make their own contribution to cutting carbon emissions and improving air quality.

Congratulations to Matthew, Talha, James and Khaled for winning the Mayor of London’s Entrepreneur prize. Streetcharge is a brilliant idea to encourage greater use of electric vehicles and demonstrates how LSBU students are using their inspiration, knowledge and leadership to make a real difference in the world.”

Professor Asa Barber
Dean of the School of Engineering, LSBU

UN Habitat – A better quality of life for all in an urbanizing world

In January, LSBU signed up to the United Nations Habitat UNI partnership, joining over 100 universities worldwide.

The UN-Habitat’s vision is for “a better quality of life for all in an urbanizing world” and the partnership promotes cooperation between universities to tackle global issues including climate change, urban regeneration, safety in cities and gender inequality.

To mark the occasion and cement the relationship with Habitat UNI, LSBU will feature prominently in an established programme of global urban lectures on the theme of the UN Habitat, or sustainable urban development.

Signing up to the United Nations Habitat UNI partnership with over 100 universities gives LSBU the chance to tackle the biggest global issues including climate change, urban development, safety in cities and gender inequality. LSBU staff will gain from access to a wealth of global expertise and research. They will be able to access UN research networks such as the Global Urban Observatory, scientific data and a range of internship and training opportunities.”

Professor Obas John Ebohon
Professor of Sustainability and Environmental Law, LSBU

Make cities and human settlements inclusive, safe, resilient and sustainable
Award winning design attempts to tackle urban isolation

LSBU student Piotr Smiechowicz won two major international architectural prizes at the Architecture Masterprize 2020 awards for his postgraduate design project The Moon Catcher:

- Best of Best Winner 2020 in Culture Architecture Category
- Student Winner 2020 in Other Interior Design Category

Piotr’s design was for a diurnal space to combat urban isolation by providing a connection with nature, a break from screens and a place to focus on mental health. It had previously been awarded a RIBA Silver Medal Commendation in the RIBA President’s Medals international design competition – the oldest and most prestigious competition for students of architecture in the world.

The Architecture Masterprize 2020 awards aim to advance the appreciation and exposure of quality architectural design worldwide. The 2020 competition was held in Los Angeles. Professional Architecture Masterprize 2020 winners include the renowned Japanese architect, Tadao Ando, who won the awards for Architectural Design of the Year, Cultural Architecture and Institutional Architecture.

We are incredibly proud of Piotr Smiechowicz’s success at the Architecture Masterprize 2020 awards. This is a major international competition and Piotr’s achievement demonstrates the remarkable design work that he has produced.”

Professor George Ofori
Dean of the School of The Built Environment and Architecture, LSBU
Ensure sustainable consumption and production patterns

Refurbishing our London Road Building

The University is currently refurbishing its London Road building on our Southwark Campus to support carbon reduction across our estate and make it a suitable centre for 21st century higher education.

The refurbishment uses a number of innovative solutions to upgrade the building without demolishing the existing structure. In particular, the use of lightweight steel interventions suspended from roof level avoids the need for additional concrete columns or foundations, while creating larger and lighter learning areas more appropriate for meeting modern educational needs. It also allows for column free areas of the building, enhancing the long-term flexibility and adaptability of the building.

Although the redevelopment adds approximately 1000 square meters of floor area to the building, its enhanced fabric means that it should add no additional carbon emissions compared to pre-refurbishment.

The key sustainable feature of the London Road redevelopment is the re-use of the existing building’s structure. Typically, significant redevelopment projects involve extensive structural works that enhance the existing building, while the London Road Building proposals retain and reuse the existing distinct concrete structure providing important carbon saving compared to a new build project. The retained existing distinct waffle slab of the building also provides thermal mass to the scheme, tempering heating and cooling loads.

Natural daylight is another important aspect of the building with large roof lights filling the open plan library areas and atrium with light to ensure the need for artificial lighting is minimised. The building also includes a “Blu-roof” where storm water is stored on top of the roof assisting with the discharge rate into the local sewers to mitigate potential flooding issues.

Upon completion for Semester 2 of the 2021/22 Academic Year (January 2022), the London Road building will become a new Learning Hub including a Library and Learning Resources space, space for group work, quiet space, open access computer rooms, bookable study rooms with AV, small group work rooms, a reconfigured Academy of Sport and catering facilities. The building will also include a new cycle park with changing, locker and shower facilities.
The Retrofit Challenge

While renewable energy sources power more of the UK grid each year, 80% of our buildings are still heated by gas boilers – perpetuating our reliance on fossil fuels. Meeting the 2050 Net Zero target will, therefore, require making changes to nearly every single building in the UK to replace gas boilers with non-carbon-burning systems such as heat pumps.

In order to achieve this however, we need to ensure that those working in building services and other relevant built environment professions have the skills to do so. In response to this challenge, Professor Aaron Gillich, Associate Professor of Energy and Building Systems Engineering, has utilised funding from the UCL Net Zero Innovation programme, to undertake stakeholder mapping identifying the skills gaps in the local supply chain for retrofit. The University has also used its own Quality Related funding to review the retrofit market transformation frameworks needed to get to Net Zero for 2030.

Subsequently, the University hosted a workshop, convened by Pippa Palmer in the School of The Built Environment and Architecture, to examine the prospect of forming a Trailblazer group to create a Retrofit Apprenticeship. The workshop included 50 representatives from across social housing, construction and built environment with support from Clarion Housing Group and the Institute for Apprenticeships and Technical Education.

Reducing the Climate Impact of our Estate

On 25 February, LSBU’s Estates and Academic environment team won a prestigious CIBSE Building Performance award for efficient facilities management. The team won their award for improving overall energy efficiency and sustainability across the University’s estate, through employing energy efficient technologies to reduce overall electric, gas and water consumption. The University’s commitment to renewable energy sources has resulted in a carbon emissions reduction of 85% since 2010.

Chris Barnes
Maintenance & Energy Manager for Estates & Academic Environment, LSBU

LSBU’s Estates team is very proud to have won this CIBSE award for efficient facilities management across the University’s campus. It’s recognition of the commitment we’ve given to upgrading our campus facilities and improving the performance of buildings, while reducing our impact on the environment."

Take urgent action to combat climate change and its impacts
SDG 16: PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Providing expert advice on European asylum and migration

Europe faces immense challenges in dealing effectively, consistently and humanely with migration and asylum cases. These challenges can only be addressed if the 30 EU+ countries (27 EU countries, Norway, Switzerland and UK) collaborate and share information regarding security, migration and asylum-seekers.

In order to improve their information-sharing and joint decision-making, the European Asylum Support Office (EASO) Strategic Network (StratNet) appointed LSBU Professor Karin Moser as European Commission Senior Expert Advisor.

Moser was given confidential access to all EASO network communications and documents, and interviewed EASO representatives, national country Heads (responsible for Country of Origin [COI] security information and guidance in the 30 countries) and numerous national COI experts. Her work with the EASO StratNet spanned the boundaries of organisational behaviour, social psychology, behavioural economics, Human–Computer-Interaction and cognitive science.

In her work, Moser established that the main causes of conflict and different levels of cooperation were differences in national resources among the member countries as well as national differences in policies, dividing European states into resource-rich and resource-poor countries.

As a result, the 30 EU+ countries are now using the enhanced cooperation framework to further harmonise their country information and guidance, with joint fact-finding missions and mutual support regarding hotspot countries and sensitive topics (e.g. LGBT+ and women's rights, ethnic persecution, access to education and healthcare) to determine the right to asylum and the basis for visa decisions in Europe. The research is poised to instigate a step-change in how EU+ countries support asylum seekers, yielding a more equitable, objective and humane environment for those seeking refuge.
LSBU Students win national Law Competition

Two LSBU students, Karen Doyle and Antonia Bright, studying on the Graduate Diploma in Law with LLM two-year law conversion course, won a prestigious Client Interviewing competition in October, for delivering effective legal advice to clients. The competition is run by a committee of academics from law schools in England and Wales, headed up by its President, Sir Geoffrey Bindman QC.

Karen and Antonia fended off competition from 12 regional teams in the national final, earning a place in the international round next year. It is the first time that law students from LSBU have won the competition.

Karen and Antonia acquitted themselves with integrity, professionalism and are a credit to themselves and to LSBU Law. The judging panel praised their calm delivery, patience and empathy during the client interview. I am thoroughly looking forward to seeing these two compete in the international final next year. It is the first time that law students from LSBU have won the competition.

The Client Interviewing Competition is open to law students with prizes awarded by the Law Society of England & Wales. It is part of the International Client Consultation Competition.

The competition takes place every year, to encourage the promotion and development of skills involved with client interviewing and counselling in an educational context. Its main aim is to promote the development of lawyers’ soft skills and to enable law students to practise them at a high level.

It’s a fantastic achievement by Karen and Antonia. They acquitted themselves with integrity, professionalism and are a credit to themselves and to LSBU Law. The judging panel praised their calm delivery, patience and empathy during the client interview. I am thoroughly looking forward to seeing these two compete in the international final next year. This is yet another example of how LSBU is providing a personalized and practical education that sets graduates up for successful careers and prepares them to hit the ground running.

Paul Wynnell-Sutherland
Senior Law Lecturer and Director of Mooting & Competition, LSBU

The Man They Could Not Hang

LSBU’s BSc in Forensic Science provides students with the theory and practical experience around crime scene analysis and the interpretation of evidence, including through the use of a dedicated “Crime Scene Flat” on campus. The course is accredited by The Chartered Society of Forensic Sciences and is joint No.1 in the UK for overall satisfaction in Forensic and Archaeological Sciences (National Student Survey 2020). The Forensic Science staff at the University are experts in their field and regularly act as consultants for laboratories and other forensic science providers.

In July, Sophie Park, Senior Lecturer in Forensic Science, acted as a consultant for an episode of BBC1 show Murder, Mystery and My Family. The programme, which has been running since 2018, examines historic criminal convictions sentenced to the death penalty in order to determine if any of them resulted in a miscarriage of justice. In the episode, Sophie, examined the evidence of the notorious 1884 case of John “Babbacombe” Lee – “the man they could not hang”. Lee survived three attempted hangings for murder, despite the evidence for his conviction being weak and circumstantial. After the third attempt his sentence was commuted to life imprisonment.
Recommitting to work with our local councils in the face of the pandemic

LSBU has long-standing relationships with the London boroughs of Southwark and Lambeth having worked in partnership with both organisations for many years.

Over the last year, the pandemic has provided an impetus for the University to strengthen its partnerships with the Councils by the signing of new Memorandums of Understanding (MOUs).

The new MOU with Lambeth Council, signed in October 2020, promotes working in partnership to deal with the effects of the coronavirus crisis, particularly for young people, and to stimulate recovery across the borough. It is hoped that it will help to provide greater opportunities for local residents to learn new skills through the LSBU Group; that LSBU research and insight can be used to help Lambeth businesses grow; and that together we can support the Council’s target to be carbon neutral by 2030.

With Southwark, the new MOU (signed June 2021) commits us to increase the number of training and development opportunities for residents, as well as making Southwark a leading London borough for health and life sciences.

The new MOUs build on the success of the last seven years, which has seen a number of projects come to fruition.

In Southwark, thousands of residents gained access to LSBU’s Academy of Sport following a £300,000 investment by the council to improve its facilities; the Southwark Health Skills Centre was opened in partnership with Guy’s and St Thomas’ NHS Trust and hundreds of residents have been supported in gaining high-level qualifications.

Likewise in Lambeth, LSBU academics provided support and assessment of the Council’s Elevate programme which aims to break down barriers to employment and training for low-income residents, disabled residents, BAME residents and women in the creative and cultural industries. Over 1000 young women have had the opportunity to take part in sport and exercise through ‘This Girl Can Lambeth’, with support from LSBU’s School of Applied Sciences.

And finally, LSBU has supported the creation of the Lambeth Climate Change Citizen’s Assembly.
New co-operative relationships agreed to support Croydon and Redhill students into successful careers

East Surrey College and John Ruskin College agreed a new co-operative relationship with LSBU in March to support students in making choices which suit their interests and abilities, support their development and maximise career progression opportunities.

The new co-operative relationship has five objectives including, ‘fast track articulation to LSBU’ for suitable East Surrey College and John Ruskin College students and joint activities to promote apprenticeships. It will focus primarily on health and social care (including adult nursing) and the engineering sector.

The agreement comes as we prepare to open the doors of the first university campus in Croydon in September 2021. A core focus of LSBU Croydon is enhanced support for the NHS centred around training the next generation of nurses, with a particular emphasis on addressing the severe skills shortage in the Croydon area.

The University has also signed an MOU with Croydon College Corporation comprising Croydon College and Coulsdon College to explore fast track articulation to LSBU for suitable Croydon and Coulsdon College students, outreach and widening participation activities and the potential for joint bidding.

Southwark Health Skills Centre

In the summer, the University opened the new Southwark Health Skills Centre.

The Centre, created in partnership with Guy’s and St Thomas’ NHS Foundation Trust and Health Education England, provides the people of Southwark and surrounding boroughs with access to career pathways in health and social care, whatever their age or educational starting point.

Its aim is both to educate and train new recruits and to upskill existing staff. It offers a range of opportunities for all, from schoolchildren through to existing health and social care employees, including health sector outreach; careers inspiration; recruitment and education advice; and health sector specific employability programmes. The Centre will also play a central role in supporting the Trust’s strategy to develop local talent and build a workforce pipeline that reflects the diversity of the population that it serves.

The Centre offers education and training from pre-entry to post-doctoral level, for clinical and non-clinical roles, with each delivered by experts from the relevant institutions within LSBU Group and supported by staff from Guy’s and St Thomas’.

The Centre draws especially on the expertise of LSBU’s Institute of Health and Social Care, which is a leading provider of health and social care education and training; South Bank Colleges, South Bank UTC, with its specialisms in Health and Social Care and Health Engineering of which Guy’s and St Thomas’ is a sponsor.

Together we are raising the profile of health and social care careers; showcasing the breadth, value and flexibility of the rewarding long term employment opportunities for local people; meeting NHS skills needs; and increasing the diversity of the NHS workforce.”

Julie Screaton
Chief People Officer Guy’s and St Thomas’ NHS Foundation Trust
A Tenant Community Based in the Heart of Campus

The Clarence Centre for Enterprise and Innovation provides workspaces for more than 60 businesses including established SMEs, start-ups and student businesses. LSBU’s tenants contribute to the University in a variety of ways including: taking on interns, giving talks and lectures, giving input into the curricula, and judging business competitions. Their current, practical knowledge and experience are highly beneficial and relevant to both students and staff. In return, tenants benefit from regular contact with LSBU’s academic environment and draw on our world-leading expertise to innovate, grow and boost their performance.

In 2017/18, The Clarence Centre was benchmarked in 15th place worldwide for “Business Incubators – Managed by a University”, in the UBI Global World Rankings. Over the last year our tenant community produced £60 million combined income; has created 40 jobs; raised £7 million in finance; and hosted eight LSBU interns.

Just one example of the benefit LSBU students receive from having a business community at the heart of the campus is the story of international student Jamie Olivier. Despite graduating in the middle of a global pandemic, Jamie went straight into a full-time role at a software company that is also in the process of sponsoring her visa. Jamie previously undertook an internship at former tenant, Silicon Rhino, as a first-year Computer Science student through the LSBU Internship Scheme. After her three-month placement finished, the company decided to keep on her as a part-time developer – ultimately offering her a full-time role upon her graduation.

As a LSBU alumnus, and founder of Silicon Rhino, I’m proud of the quality of talent continuing to be produced by London South Bank University. Jamie isn’t our first LSBU graduate hire and won’t be the last. The opportunities the Clarence Centre team provide have helped accelerate our growth.”

Phil Hardy, Chief Technology Officer, Silicon Rhino

“Being able to gain real world experience alongside my studies greatly enhanced my learning experience. Working at Silicon Rhino has allowed me to understand the application of theory and I’ve been able to work on some incredible projects, with incredible people.”

Jamie Olivier
LSBU Computer Science Graduate
New Partnerships for LSBU Global

The University’s international team, LSBU Global, manages all the institution’s Transnational Education delivery, with a remit to keep pace with the growth and progression of educational delivery mechanisms around the world.

Our focus on professional and technical education makes it of particular interest to many overseas partners and governments who see the expansion of higher education as key to their development. This is demonstrated by our ongoing projects in Canada, India, Egypt, Bahrain, Jersey, the EU and South America. By sharing our values and teaching internationally, LSBU Global aims to build bridges and to increase the social capital, overall confidence, and resilience of our students, while encouraging positive social development in the countries we operate.

This last year, LSBU Global has opened in Tashkent in partnership with TEAM University. The University has also secured a high-profile partnership with one of the online learning market leaders, IU Germany, with the University validating the Engineering and Business degrees offered in English through IU’s 5-star QS rated platform. We have additionally become the largest centre in the UK, under the single visa initiative, for International Access programmes through our partnership with Cambridge Education Group and their OnCampus pathway programme.

The largest trans-national partnership in the MENA region

Our collaboration with the British University in Egypt (BUE) offers an exemplar for transnational education partnerships. As the largest and most successful collaboration in the MENA region, we now validate 27 undergraduate and postgraduate courses for over 5,000 students. Our joint supervisions for PhD students enable BUE students to study over the summer at the Southwark campus working with their LSBU supervisor. These shared supervisions have also created new opportunities for joint research activities and research-informed teaching. We have developed a range of Study Abroad and Summer School opportunities with BUE, enabling student exchanges from both institutions. The ongoing success of the partnership can be attributed to the close working relationship that has evolved between academic and professional service group staff at both institutions, enabling the sharing and developing of good practice.
Financial Summary

LSBU Group

2021 Income Breakdown

1. £118,380,000 Tuition fees
2. £48,569,000 Funding grants
3. £21,182,000 International fees
4. £13,670,000 Enterprise income
5. £5,915,000 Research grants
6. £746,000 Donations & other

LSBU Group

2021 Expenditure Breakdown

1. 40% Student facing activity
2. 26% Student facing services
3. 14% Professional Services
4. 20% Investments
2021 Expenditure Breakdown

40% Student facing activity

1. £64,107,000 Academic staff
2. £5,287,000 Other academic costs
3. £4,007,000 Technical support
4. £3,431,000 Bursaries, Scholarships & targeted student support
5. £3,280,000 Equipment & learning materials
6. £2,940,000 Course administration

2021 Expenditure Breakdown

26% Student facing services

1. £17,808,000 Student Services
2. £12,067,000 Information technology and digital learning
3. £9,322,000 Academic Estate
4. £6,177,000 Libraries and learning materials
5. £3,807,000 Residences
6. £2,180,000 Academic standards
7. £1,577,000 Student & Alumni communications
8. £900,000 Students’ Union
1. £12,812,000 Marketing
2. £6,645,000 Finance and planning
3. £4,011,000 Human Resources
4. £3,838,000 Policy and legal
5. £2,194,000 LSBU Group leadership

1. £11,850,000 Depreciation (cost of building estate with equipment)
2. £8,364,000 Research and Enterprise costs
3. £7,474,000 Other investments
4. £6,996,000 Other estate costs
5. £4,297,000 Interest and other financing costs
6. £1,099,000 Civic engagement
Each part of the LSBU Group is headed by a Board of Governors or Trustees, which is responsible for overseeing the institution’s activities and determining its future direction in contributing to the overarching Group aim of transforming lives, communities, businesses and society through applied education and insight.

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- Michael Cutbil
  Vice-Chair of the Board, Pro Chancellor and Chair of Finance, Planning and Resources Committee
- Duncan Brown
  Chair of Group Audit and Risk Committee
- John Cole
- Maureen Dalziel
- Professor Peter Fidler
  Senior Independent Director
- Mark Lemmon
- Jeremy Parr
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- Rashda Rana SC
  Chair of Major Projects and Investment Committee
- Deepa Shah
- Vinay Tanna
- Professor David Phoenix OBE
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