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University contributes £823 million to the economy

The University’s contribution to the UK economy and employment has been revealed in a new report, highlighting the important role of the University in stimulating economic growth locally, regionally and nationally.

The report, which is based on the year to 31 July 2011, outlines the economic impact of the University as a whole, including its staff and students and the campus-based partners and their staff. It shows that the University generated expenditure in the economy of £823 million and created Gross Value Added of £237 million, sustaining over 12,000 jobs.

The figures are a combination of the University’s own direct expenditure on goods and services, together with the spending habits of the 2,600 full-time equivalent staff and almost 15,000 students, plus the expenditure of tenant organisations and their staff. The University campus, including the Science and Enterprise Park, is home to over 65 tenant organisations employing over 1,700 staff.

Leading independent consultants GVA Grimley produced the report. They used standard economic calculations based on direct expenditure to estimate knock-on expenditure within the economy and Gross Value Added (which measures the value of goods and services on top of the cost to produce them) to find that for every job on campus almost two more are sustained elsewhere in the economy.

Chief Operating Officer to leave University

In a message to staff on 7 January the Vice Chancellor announced that Caroline Walker, the Chief Operating Officer is to leave the University to take up the post of Director of Finance for Peterborough and Stamford Hospitals NHS Foundation Trust.

Professor Allison commented: “During her time here she has made a very significant contribution to the development of the University’s support services functions and has overseen some major activities, including the successful delivery of the Team GB preparation camp last summer.

Caroline joined the University in June 2008 as Director of Finance. She was then appointed as Chief Operating Officer in August 2011. Caroline will leave in the spring and take up her new post on 1 April.

The National Student Survey 2013 is now underway

Over the next few months, until 30 April, final year undergraduates will be asked to provide feedback on various aspects of their student learning experience, including the teaching on their course and the learning resources.

The students’ feedback is used to compile year on year comparative data for the UK’s higher education institutions, and helps prospective students to make informed choices about where and what to study.

Please encourage your final year undergraduate students to take part - it will only take them five minutes and their comments are invaluable in helping us to recognise what our students think we’re doing well and, importantly, where they think we can do better.

Further information, and a link to the survey, is available at www.thestudentsurvey.com/

Online system introduced for payslips

A new system of electronic payslips has been introduced by the University for core staff on monthly and 4-weekly payrolls. The move follows a trial where paper and electronic pay slips were initially offered together.

The e-payslips can be accessed through my.HR. From the my.HR home page staff should select ‘Payroll’ and then ‘Latest Payslip (pdf)’. Staff can forward payslips to their email account if necessary. Staff can also access payslips from computers across campus for those without normal computer access, and from home computers.

Any access difficulties should be fed back through to m5universities@lboro.ac.uk. Changing to a paperless system allows easier access to the payslips, makes it easy for staff to compare different months, reduces the University’s carbon footprint by saving on paper and power and saves money.

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University helps Loughborough to Britain in Bloom win

The Facilities Management gardeners at the University helped Loughborough become the Britain in Bloom champion 2012. More than 1,200 UK communities participate in the event each year, organised to green-up and clean-up Britain. The town was one of 72 finalists in the competition organised by the Royal Horticultural Society. As well as winning the ‘small city’ category, Loughborough also took the overall top gold prize and the Britain in Bloom Community award for interpretation of the 2012 theme of red, white and blue to celebrate the Jubilee and bronze, silver and gold to represent the Olympic Games.

The University’s contribution to the project concentrated on the ‘up the pole’ baskets on the east and west entrance lamp posts, spring bulbs on University Road, bluebells in Holywell Wood, Holywell Park lake, the always eye-catching themed display on Epinal Way and seven other large beds around campus.

Commenting on the success Karen Setchell, assistant supervisor of the grounds and gardens team said: “To get gold and be category winners was amazing. It made all our hard work worthwhile. It has been very satisfying to achieve something like this when working alongside other partners in the local community.”

In an exciting development for the 2013 campaign, the grounds and gardens team decided to launch a competition to design a flower bed. Staff, students and the community have been invited to come up with a design incorporating the theme ‘Edible Britain’.

The team then visited campus to ‘shadow’ Elaine at work in the Design School.

Dr Gosling, part of the Design Ergonomics Research Group, has specific interests in how people use and interact with the design of the world around them. She has concentrated much of her research in the fields of inclusive design, user-centred design and user-product interaction. She is keen to see how her research can be applied to policy making at national Government level.

The Link Hotel achieves three stars

Imago’s Link Hotel has achieved three stars from Visit Britain. The 94 bedroom hotel was also awarded a silver accreditation, making it the only three star hotel in the region to hold this recognition of ‘exceptional quality in all areas’.

As a further indication of The Link’s high standards, the team has also recently been honoured with a Trip Advisor Certificates of Excellence 2012 and a breakfast award from Visit Britain. This standard recognises venues which offer guests a high quality and wide choice of breakfast options, supported by excellent service.

University academic links up with MP, Nicky Morgan

The University’s Dr Elaine Yolande Gosling was lucky enough to be selected to take part in the Royal Society’s Pairing Scheme 2012. The pairing scheme aims to build bridges between parliamentarians and some of the best scientists in the UK. It is an opportunity for MPs to become better informed about science issues and for scientists to understand how they can influence science policy. Over 200 pairs of scientists and MPs have taken part in the scheme since it was launched in 2001.

Elaine swapped her desk at the Design School for the historic corridors of Westminster, where she visited Nicky Morgan MP at the House of Commons for a ‘Week in Westminster’ back in October. During her visit Dr Gosling shadowed Nicky to learn about her work. She also attended a House of Commons Science and Technology Committee meeting, Prime Minister’s Question Time and a meeting with Professor Sir John Beddington, Government Chief Scientific Advisor.

Nicky then visited campus to ‘shadow’ Elaine at work in the Design School.

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Transforming the Library

Preparatory work began over the Christmas break on a major refurbishment of the Library, which will help the building to become a more efficient and effective space for the University’s staff and students.

As part of the extensive, £4.5 million project, Levels 3 and 4 of the building will be refurbished, and Level 4 will be integrated into the Library. More than 300 new study spaces and a new PC clinic will also be made available.

Over the December vacation the existing fixtures and fittings on Level 4 were stripped out. The next phase of preparatory work will take place over the Easter break. Work on the refurbishment will then begin in earnest after the end of the summer term. Owing to the nature and extent of the work, the Library will be closed completely from June until the end of September, when it will reopen in time for the start of the new academic year.

During the building’s closure, services for borrowing and returning books will be housed in the Facilities Management building, where there will also be a help desk and access to academic librarians.

Library loans will be extended, the number of books available will be increased and temporary accommodation where all students will be able to access networked PCs, printing and photocopying facilities will be set up.

Further information on the ‘Transforming the Library’ project, including a series of questions and answers, is available at www.lboro.ac.uk/services/library/transforming/

Close contest for Loughborough on University Challenge Christmas special

A team of graduates and current staff represented Loughborough University in the celebrity special of University Challenge, presented by Jeremy Paxman.

The team was captained by five times Paralympian Tanni-Grey Thompson who is a Politics and Social Administration graduate of the University. The other three members of the team were Human Biology graduate John Schofield – a flat water kayaker and bronze medallist at the London 2012 Olympic Games, Lawrie Sanchez – football club manager, former football player and a Management Sciences graduate and Nigel Wood – Professor of Literature at Loughborough since 2002.

The team came together when Professor Wood was approached by the programme to bring together a line-up for the show. After contacting the alumni office they worked together to establish a team.

The team performed admirably. “It was an enjoyable experience and the team achieved three stars

The Christmas University Challenge was eventually won by New Zealand, who performed admirably. “It was an enjoyable experience and the team were able to secure the win and preventing the Loughborough team from giving any further in the competition.”

Professor Wood said: “It was an honour for the University to be invited to compete in this Christmas special alongside so many well-respected institutions. It was an enjoyable experience and the team performed admirably.”

The Christmas University Challenge was eventually won by New College, Oxford.

The University of Loughborough. The other three members of the team were Human Biology graduate John Schofield – a flat water kayaker and bronze medallist at the London 2012 Olympic Games, Lawrie Sanchez – football club manager, former football player and a Management Sciences graduate and Nigel Wood – Professor of Literature at Loughborough since 2002. The team came together when Professor Wood was approached by the programme to bring together a line-up for the show. After contacting the alumni office they worked together to establish a team.

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Sustainability recognised as University strikes gold

The University’s Environmental Management System (EMS) has achieved the EcoCampus gold standard. The EcoCampus scheme is a phased approach to ISO14001 – the international standard for EMS accreditation.

Having achieved bronze in 2010 and silver in 2011, gold completes stage three of the four stage process. Platinum, the next stage, will give the University the full ISO standard. Assessment for the gold award involved an external audit of the University’s EMS. It looked specifically at roles and responsibilities, training and awareness, communication, documentation, operational controls and emergency response.

The auditor praised the University systems in place but reminded the sustainability team that continual improvement is a key element of the ISO standard. The team will therefore be looking to develop ideas and initiatives further as they move towards the platinum and full ISO standard.

The sustainability team would like to thank everyone for their support and hard work in enabling environmental sustainability into the University’s day to day activities.

Design School named Building of the Year

The Design School was named 2012 Building of the Year in the regional PreCOn awards.

The annual awards celebrate the excellence and dynamism of the property and construction industries in Leicestershire. Earlier this year the Design School also picked up three Royal Institute of British Architects (RIBA) East Midlands regional awards for Client of the Year, Sustainability and Building of the year, before winning one of the top accolades at the RIBAs annual ceremony.

Official opening of new Bridgeman and Haslegrave buildings

In November the Vice Chancellor officially opened the new Bridgeman and Haslegrave buildings.

Both buildings have undergone major refurbishments. The Bridgeman Building (formerly Admin 2) provides accommodation for the School of Science, whilst Haslegrave provides accommodation for the Computer Science Department. In both buildings flexible, well equipped office space has been provided along with open administrative areas, meeting rooms and academic space.

On the day of their official opening, both buildings were open to all staff which provided an opportunity to see the extensive refurbishments made for the benefit of staff and students.

£2 million boost for science innovation

The University has been awarded over £2 million as part of a national funding scheme to help turn the country’s best science ideas into good business.

The ‘Impact Acceleration Accounts’ are awarded by the Engineering and Physical Sciences Research Council (EPSRC). They will give the nation’s best physical scientists and engineers the support they need to deliver greater collaboration with industry, bridge the gap between the lab and the marketplace, and help them accelerate the creation of impact from their research.

Loughborough’s award will enable companies to engage with the University’s research projects at an early stage and benefit from the breakthroughs and knowledge they generate.

Increased numbers of the University’s scientists and engineers will be able to spend time within business and industry, improving their knowledge and skills and returning to the lab with a better understanding of the way companies operate and the challenges they face.

The award will also provide ‘proof of concept’ funding, through which the University’s researchers will be able, for example, to undertaking market research and develop prototypes to demonstrate the potential for and viability of their innovation.

3D printing technology breathes new life into Richard III

Loughborough’s world-leading expertise in 3D printing has been used by the University of Leicester to breathe new life into the remains of King Richard III – creating a replica of his skeleton.

Leicester recently announced that the skeleton found last year in the city by its team of archaeologists is that of Richard III, whose final resting place remained hidden for hundreds of years.

Experts from the School of Mechanical and Manufacturing Engineering were invited to make a replica of the king’s skeleton, using the latest 3D printing techniques. Scans of the actual remains taken by the Leicester Royal Infirmary were sent to Loughborough, where they were transformed into a 3D computer model. Laser sintering was then used to create a physical replica of the skeleton.

Professor Russell Harris – head of the University’s Additive Manufacturing Research Group – who led Loughborough’s involvement in the project, said: “Generating the first 3D computer models was a very exciting moment. And later seeing the skull of Richard III emerge from the powder of the laser sintering machine in physical form was incredible.

“Working with Leicester on this amazing discovery has been a privilege, and it is great that two neighbouring universities have been able to share expertise to create a lasting legacy to Richard III.”

Development Trust scholars start at Loughborough

Thanks to the generosity of alumni and friends of the University, last September saw the first Development Trust scholars start at the University.

The scholarship programme provides extra funding for academically gifted students from disadvantaged backgrounds to study an undergraduate degree. The programme is funded entirely by donations to the Bursaries and Student Hardship Fund through the Loughborough University Development Trust.

The ten students have now settled into their new life at Loughborough. The courses they are studying span a range of subject areas including arts, engineering, science and sport development. The University is grateful for the response received for this important initiative and the funds that have been donated and are being pledged on an on-going basis.

Anyone interested in learning more about the programme should visit the alumni website at: alumni.lboro.ac.uk/bursaries, or contact the Development and Alumni Relations office: 223419.

Honorary degrees 2012

The University awarded 13 honorary degrees during 2012 at ceremonies held in September and December. The degrees recognise the outstanding contributions individuals have made to local, national and international society.

Receiving awards in the summer were:

Joy Spencer, a Master Blender at the Appleton Estate of Jamaican Rum, for an outstanding contribution to the distilled spirits industry and her advancement of women in that field. (2)

Sebastian Conran, Director at Sebastian Conran Associates, was awarded for his work in actively championing the UK design industry and supporting the development of Industrial Design within higher education. (2)

Mhairi Rose, journalist and author, for his outstanding contribution to journalism and the promotion of equality. (10)

Mr Trevor Fletcher, Managing Director, the Hardstaff Group, for his outstanding leadership in developing and applying innovation in low-carbon transport. (4)

Mr Matt Hampson, founder of the Matt Hampson Foundation, for his outstanding courage and inspiration in dealing with personal adversity and creating, and working for, a foundation which raises money for injured sports people. (12)

Mr Peter Ken CBE, former Sports Director of UK Sport, for his outstanding services to sport and continued dedication to the strategic development of the UK high performance system. (4)

Professor Alvin E Niewoehner Emeritus Professor of Biochemical Engineering at the University of Birmingham, visiting professor, Department of Chemical Engineering, Loughborough University, for his international leadership in the field of Biochemical Engineering and Fluid Mixing Processes. (7)

Professor Richard Sennett, Professor of Sociology, London School of Economics, for outstanding contribution to the field of Sociology. (10)

Mr Herbert Hainer, Chief Executive Officer at adidas AG, in recognition of his outstanding leadership within the sports equipment industry. (12)

Mr Michael Spencer, Chief Executive ICAP plc, for his outstanding success in building ICAP plc into one of the major success stories of the British economy over the past two decades. (13)
How the University works

With over 3,000 staff and 16,000 students, the University can seem a complex, and perhaps even overwhelming organisation. But have you ever wondered how it all works, and just how you fit in to the bigger picture? It’s not really as complicated as you might think...

Professor Allison is supported in all these areas by the staff in the Vice Chancellor’s Office, principally:

- the Provost and Deputy Vice Chancellor – Professor Chris Linton, who is chiefly responsible for the University’s academic activity and its internal planning processes.
- Caroline Walker, the Chief Operating Officer, who has overall management of the Professional Services sections that support the academic, student and commercial, income-generating activities of the University, and
- the Director of Finance, Andy Stephens, who formulates the strategy for and leads the management of the University’s finances.

Decisions, decisions...

Throughout the course of the day, everyone will make numerous work-related decisions. But how do the big decisions, such as the development of new lecture theatres or sports facilities, happen?

Many will start with discussions at Academic Leadership Team (ALT) and Services Working Together (SWT).

ALT meets every two weeks and provides leadership for all of the University’s activities. It is chaired by the Vice Chancellor and includes the Provost and Deputy Vice Chancellor, the three Pro Vice-Chancellors (for Teaching, Research and Enterprise), the Chief Operating Officer, the Director of Finance, the Vice Principal Deans and the Director of Planning.

SWT involves the Directors or Heads of each Professional Services section and meets four times a year.

From here, many issues will be discussed at one, or sometimes more, of the University’s 20 committees. Each committee has a specific remit, covering, for instance, the arts, estates management, or human resources.

One of the major ones is Operations Committee, which is chaired by the Provost and Deputy Vice Chancellor and held 11 times a year. It has many high-level responsibilities: for instance, it agrees the annual budgets that the University allocates to the Schools and Professional Services sections, and considers requests for changes to staffing levels.

The decisions made by these committees then reach the final stages – ratification by Senate and Council, the University’s two main committees.

Senate is the University’s principal academic body. It has around 50 members – predominantly academic staff drawn from the University’s Schools – and is responsible for the academic work of the University, including its courses, examinations, teaching and research quality. It is chaired by the Vice Chancellor and meets around four times a year.

Council is responsible for the strategic direction of the University, which includes making decisions about the initiation and funding of major developments, such as new buildings on campus, and approving the University’s finances. It meets around four times a year and is chaired by the University’s Senior Pro Chancellor, Sir Peter Bonfield CBE. While some Council members are Loughborough staff and students, the majority are from outside the University, drawn from business, the professions and public service and are called its ‘lay members’.

The rules and regulations

At the core of the University are a set of rules and regulations – the framework that guides how the organisation works.

There are the Charter and Statutes – legally-binding documents that define the University, broadly outlining its structure and how it should be run.

Then there are the Ordinances and Regulations which cover the more detailed operational matters. The Ordinances deal with the University’s structure and processes, from the appointment of Deans to parking on campus. The Regulations detail the academic-related processes, such as the operation of the Library and how exams are conducted.

A vision for the future

Like every organisation, Loughborough has an overarching strategy which outlines what the University will do, how it will work and what it aims to achieve in the coming years. Ultimately the strategy shapes the University’s decisions and the day-to-day activity of all its Schools and Professional Services sections.

The current strategy entitled Towards 2016, was put in place seven years ago and has been reviewed twice in that time to ensure it remained relevant. Today’s rapidly changing higher education environment, however, means that another, more in-depth review is particularly timely.

Begun at the end of last year, the review will gather pace in 2013, with input from ALT, SWT, Senate and Council, as well as the wider University staff and student community.

The proposal is that ‘Building Excellence’ should lie at the heart of the revised strategy. Around this are four principal drivers that guide everything the University does – investing in our staff, educating widening, growing capacity and influence, and raising standards and aspiration.

Research, teaching and learning, and enterprise are embedded throughout all this activity. The strategy should also identify the goals the University wishes to attain over the next ten year phase of its development. Suggestions so far include an expanded global reach and raised international profile, the highest quality applicants, well-funded research, an embedded enterprise culture and the pre-eminent university for sport.

“The strategy is very much a work-in-progress and we are keen to ensure that everyone feels able to have their say about what they think our priorities and goals should be for the next phase of our development,” says the Vice Chancellor. “So, if you have any comments on our initial proposals outlined here, please do let us know by emailing planning@lboro.ac.uk.

“It’s important you’re kept up to date as our strategy develops further.”

“Running a university as large and complex as Loughborough is very much a team effort. While the Vice Chancellor is ultimately responsible to Council for what the University does, it involves all members of the Vice Chancellor’s team.”

Professor Robert Allison
Vice Chancellor

From L to R: Philip Stephens, Caroline Walker, Chris Linton and Robert Allison
The need for us all to do more to improve our health and wellbeing is constantly in the news, with advice from Loughborough’s leading academics in this area often being quoted. newsatlboro explores the latest guidance on how active we should be and considers the wealth of opportunities on campus to help staff get motivated and moving.

WHAT THE EXPERTS SAY

A group of Loughborough’s health reports have been instrumental in supporting the Chief Medical Officers from the four home countries to write the first ever UK-wide physical activity guidelines. Professor Fiona Bull, former co-director of the British Heart Foundation National Centre for Physical Activity (BHFC) in the School of Sport, Exercise and Health Sciences (SSEHS) led an international team that included Loughborough colleagues, Dr Stuart Bidmead, Dr Richard Phearson, Sonia McGeown and Dr Len Almond.

For the first time, the guidelines include specific recommendations for the under-fives and over-65s as well as advice on reducing time spent in sedentary behaviours. Expert working groups were set up to agree on evidence-based recommendations on physical activity and sedentary behaviours for the four distinct age groups (the early years, children and young people, adults and older adults), with Loughborough’s academics contributing to each of the panels.

The BHFC Centre has driven the review, coordinating the process from start to finish, working alongside the home country governments, convening the expert working groups and national consultations and collating the final reports.

The guidelines were launched in July 2011 and disseminated to the relevant groups and organisations that can use this information to inform their programmes and promotion of physical activity.


What the guidelines for adults (19-64 years) say:

- The key message is: **TRY TO BE ACTIVE EVERYDAY!**
  - Aim for 150 minutes of moderate intensity over a week in bouts of 10 minutes or more.
  - Alternatively aim for 75 minutes of vigorous intensity activity each week or combinations of moderate and vigorous activity.
  - Be sure to include activities that will help strengthen your muscles.
  - Limit and break up the amount of time you spend sitting still.

In the guidelines brisk walking is given as an example of moderate intensity exercise; running is given as an example of vigorous intensity exercise and carrying heavy loads such as weights or groceries is given as an example of activities that strengthen muscles.

**Individual physical and mental capabilities should be considered when interpreting the guidelines.**

Games Park: Based just off Margaret Keay Road near to other sports facilities, the artificial surface pitch caters for five a side football. There is also a volleyball net which can be pulled across the pitch.

Beach Park: At the West end of campus next to the new Loughborough University Stadium. Beach Park contains three volleyball courts, but can also be used for any other sport.

Paddock Pitch Up: A large grass pitch opposite the main sales office that is available for recreational and unstructured sporting activities.

Since its inception MyLifestyle has made great strides forward. However the programme has big plans for expansion in 2013 and staff should keep an eye out for exciting new developments.

A major development in sporting opportunities for staff has been the creation of the MyLifestyle programme.

Thanks to National Lottery funding from Sport England MyLifestyle has developed a programme of regular recreational sporting activities, many of which are based on traditional sports but with an emphasis on participation rather than performance.

Activities include no strings badminton, cardio tennis, rush hockey, ultimate Frisbee, and the award winning back to netball, alongside fitness classes such as zumba, pilates and boot camps.

Although the funding for the programme is primarily targeted at increasing student participation, members of staff are welcome to take part and join in the sessions.

Staff members have always been able to book the University’s sporting facilities for recreational use, such as swimming in the pool during public sessions, hiring indoor and outdoor courts for racquet sports, and working out in the Loughborough University Fitness Suite (LUFIS) gym. This remains an option.

However a new development has seen the creation of four dedicated recreational facilities or ‘Parks’ across campus that for the first time give staff the opportunity to organise and play unstructured activities for FREE. The new facilities are:

**Ball Park:** Located near the Epinal Way entrance, the facility can cater pretty much for any ball sport, including basketball, netball, football and tennis.
The background

Many of the buildings on the East Park date from the 1960s. They have become increasingly unsustainable in the context of modern campus values. The University’s priorities for significant developments to the East Park were agreed with Charnwood Borough Council and planning authority and a phased approach developed for its redevelopment agreed internally. The University continues to work with the local authority and seek the relevant planning permissions where necessary.

The story so far – Design School

The first major new development for the East Park was the spectacular Design School building. Completed for the start of the 2011/12 academic year, the building provides a home for the Departments of Design and Technology, Ergonomics and the Bloomsbury Safety Research Institute and Department of Economics.

The 7,760m² building includes innovative teaching and lecture space, workshops, offices, research laboratories, design studios, computer and prototyping suits and areas for display and interaction.

The school was designed by Burnell Dewsair Architects and built by Shepherd Construction at a cost of £21 million. The project included demolition of old buildings along Tweven Way and the construction of a new car park to replace the one on the site of the new building. Work to construct the new building took just over 16 months.

The building picked up three Royal Institute of British Architects (RIBA) East Midlands regional awards during 2012 - the Client of the Year, Sustainability and Building of the Year. It then went on to win one of the top accolades at the RIBA annual ceremony. It was praised for its use of space and natural daylight.

Professor Tracy Bhamra, Dean of the Loughborough Design School says of the building: “The stunning design and use of space make it a pleasure to both work and study in.”

On site now – demolitions and new build

With completion of the Design School attention turned to a series of building demolition projects. By the end of January the old Bridgeman Building, Music Centre and Victory Hall had all disappeared and by the spring the demolition of the Dance Studio will also have been completed.

A series of colourful hoardings depicting some of the sporting stars of the 2012 London Olympic Games now surrounds the site of the former Bridgeman building. Over the next three years a new building will be constructed to accommodate a new National Centre for Sports and Exercise Medicine (NCSEM) and the University’s School of Sport, Exercise and Health Sciences (SSEHS).

The £10 million NCSEM is one of three pioneering sports and exercise medicine centres to be established in the UK. The centre, announced by the Health Secretary Andrew Lansley in January 2012, will help people to be more active and will treat injuries caused by exercise, as well as conditions associated with lack of exercise. It will also help people use physical activity as a means of coping with existing medical conditions such as diabetes.

The centre will be run by a consortium of six universities and hospital partners. Alongside Loughborough will be the University of Nottingham, University of Leicester, Nottingham University Hospitals NHS Trust, University Hospitals of Leicester NHS Trust and Nottingham University Hospitals NHS Trust.

For SSEHS the building will provide a home for the School of Health and Human Development, the Biomedical Sciences activities including Global Health and Human Development, the Biomedical Safety Research Institute and Department of Nutrition, and Centre for Research into Eating Disorders) as well as the British Heart Foundation. A striking design for the building has been produced. It will provide accommodation over two and three storeys and house a range of offices, consultation and treatment rooms, laboratories, analysis areas and meeting space. Parking will be provided for visiting staff, patients and disabled drivers within the curtilage of the site. Work to the building began in January. It will take two years to complete.

The much needed redevelopment of East Park has now entered its second phase. newswatboro examines the projects completed to date, work currently underway and the prospect of exciting developments still to come.

Still to come – landscaping scheme

The construction of two new state-of-the-art buildings and the removal of several out dated ones will make a significant impact on the overall look and feel of the East Park, yet more is in the pipeline to improve the area.

Some of the building work in the East Park carries with it a planning requirement for the provision of public art and a landscaping scheme, incorporating various art elements is proposed to meet this obligation. This fits in nicely with the University’s Landscape Strategy for campus which identified the benefits of ‘collegiate space’ areas where staff might gather and where events such as fairs and markets could take place.

As newswatboro went to print ideas for this were still being formulated but the concept is to create a pedestrian only ‘piazza’. This would occupy the site of the former Victory Hall, be the forecourt to the new NCSEM/SSEHS building, and provide a link between Martin Hall and the John Bucketh/Clyde Williams buildings. It would also create a distinctive profile for campus for traffic passing along Epinal Way.

The detail is anticipated to include paving, substantial planting of trees, shrubs and flowers, grassed areas, seating and some bespoke features to reflect the life and culture of the University, in particular the contribution made by the University to the 2012 London Olympic Games.

Director of Arts, Nick Slater and Mark Lewis, Dean of SSEHS have joined forces with Facilities Management colleagues to start to discuss this. An idea in the early stages of development is a competition for students to design some of the pieces to be included in the final scheme for the area.

Subject to the necessary internal approvals staff can look forward to seeing the new look area constructed during 2014.
Focus

Logistics Focus

Lights that work, office doors that unlock and post that gets delivered are just a few aspects of our working lives that are easy to take for granted. Helping to ensure these functions happen and contributing enormously to the smooth running of the University is the logistics team. newsatbورو takes a close look at their work.

Overview

The logistics team sits within Facilities Management (FM). Heading up the team is Logistics Manager, Clive Douthwaite. Clive joined the University in 2003 having previously worked with Royal Mail. Clive manages the staff working in the Key Room, Stores and Mailroom and takes particular responsibility for managing the FM fleet.

KEY ROOM

With swipe card technology a feature of many new and refurbished buildings across campus you might easily think that the use of the traditional key is rapidly diminishing. A quick look inside the campus key room will very quickly make you think again. Inside it is quite a sight. Rows and rows and rows of keys – with colourful key rings and all neatly numbered and stored on retractable racks.

The key room team is Paul Hollingsworth and Paul Bett. They look after keys for every building, roof space, office, student bedroom, gate, padlock and even many filing cabinets.

As you would expect, there is a tight system for controlling access to the keys and the issue of keys is assiduously monitored. A database with over 13,000 records helps with the task. Anyone who requests a key must have the correct authorisation and identification.

There is a constant stream of requests for assistance - from contractors needing access for repairs or maintenance to the student who has lost the key to their room in one of the halls of residence.

The aim is to hold many of the items routinely required. The biggest rapid diminish.

STORAGE

The stores operation on campus is another surprise. The scale of it is quite something. Like a mini B&Q, there are shelves and shelves of supplies.

Located in the FM yard, close to the Spinney Hill entrance to the University, the stores section is run by manager Chris Warburton who is assisted by Glen Meldrum and John Donald. The team supply the equipment needed for all the reactive maintenance on campus.

With buildings dating from the 1940s to the present day there is no standard design, component or part so many different items are held. The aim is to hold many of the items routinely required. The biggest demand is for electrical items, closely followed by plumbing and small items such as screws and nails.

The team aim to source goods locally wherever possible and the stores team have close links with a number of regular suppliers for frequently required goods. Around £450,000 is spent each year to keep the stores stocks healthy.

“We pride ourselves on our knowledge. We have a good understanding of many of the items in stock and can often advise on some of the more unusual goods required,” comments Chris.

Improvements planned to the operation include the introduction of bar code readers for improved stock control, the introduction of a self-serve store for the very small items routinely required by the maintenance teams and mobile stores.

MAILROOM

A massive logistical operation in its own right, the mailroom provides a collection and delivery postal service for all University departments.

The mailroom can be found in the Herbert Monzoni Building and is operated by a team of eight, led by supervisor, Margaret Newton.

The team handle all the post to the University addressed with the postcode LE11 3TU that comes from Royal Mail, DHL or Parcelforce.

In the last two years considerable effort has been made to manage the fleet effectively in line with the University’s drive towards sustainability, in particular carbon reduction targets. A number of ‘quick wins’ have been achieved as very old vehicles have been taken out of commission and not replaced. Four electric vehicles have also been introduced. Efficiency is planned, including the possible introduction of mobile stores for the maintenance team to reduce the number of trips they make to stores.

FLEET

As well as overseeing the overall logistics team, Clive also manages the facilities management fleet of vehicles. There are 37 within the FM fleet used by the mailroom, FM maintenance teams, the security team and the grounds/gardens staff.

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LOGISTICS FACT AND FIGURES

<table>
<thead>
<tr>
<th>Key Room</th>
<th>Mailroom</th>
<th>Fleet</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of keys held in store room</td>
<td>49,000</td>
<td>4,500</td>
</tr>
<tr>
<td>No. of different items in stock</td>
<td>600/1,200</td>
<td>150</td>
</tr>
<tr>
<td>No. of keys held in a store room</td>
<td>3,500/5,000</td>
<td>900</td>
</tr>
<tr>
<td>No. of items held in a store room</td>
<td>50,000</td>
<td>9</td>
</tr>
<tr>
<td>No. of items held in a store room</td>
<td>20,000</td>
<td>33,000</td>
</tr>
<tr>
<td>No. of deliveries made per month</td>
<td>600</td>
<td>15</td>
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<tr>
<td>No. of deliveries made per month</td>
<td>£300,000</td>
<td>33,000</td>
</tr>
<tr>
<td>No. of miles per day covered by the FM fleet</td>
<td>18,500</td>
<td>50</td>
</tr>
<tr>
<td>No. of deliveries made per month</td>
<td>600</td>
<td>15</td>
</tr>
<tr>
<td>No. of deliveries made per month</td>
<td>£300,000</td>
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</tr>
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</tbody>
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Crime related research takes place across the campus, covering a broad range of topics from prison management to preventing terrorist attacks. Loughborough’s expertise in this area is helping to guide national policy and reduce criminal activity.

newsatlboro investigates...

**Mixing local offenders leads to increase in violence**

A new study by the School of Business and Economics has criticised Glen Parva Young Offender Institute’s policy of taking criminals from both Leicester and Nottingham.

Professor Maximilian Hall collaborated with three colleagues from other universities on the research, which says that this policy has led to an increase in violence and gang warfare.

The report says one way to ‘decrease the incidence of inter-gang violence is to ensure young offenders are sent to institutions near their home city’. But the four academics found that during our period of analysis gangs from rival close cities, Leicester and Nottingham, were unmixed by the Government.

Dr Kelly is leading a project which is in the early stages. He is developing new techniques to catch metal thieves.

There are about 1,000 metal thefts a week in the UK, costing around £220 million a year. In 2012 measures intended to stamp out the problem, with larger fines for rogue traders and improved police rights of entry to scrapyards, were welcomed by the Government.

Dr Kelly’s latest project, which is in the early stages, is aiming to help the police catch those responsible by providing forensic evidence. He is developing a new technique for taking prints from the hands of suspected metal thieves. Not only will this determine if they have been carrying the stolen metal, it will also provide enough trace elements to be able to link the metal back to its bulk material.

“If someone touches lead or copper – even for just a few seconds we can show that enough of the metal has transferred onto the skin to allow us to then chemically map its distribution on the hand, or indeed glove,” Dr Kelly explains. “Not only does this show they touched the stolen metal but through the chemical mapping, that they also carried it or grasped it.”

Anti-terrorism device

Loughborough academics have developed a ground-breaking anti-terrorist device that can scan crowded areas to identify tiny amounts of explosive particles, invisible to the naked eye.

The Explorer, which scans in real-time, automatically signals an alarm if traces of explosives are detected. It has already been trialled at a number of undisclosed locations across the country, and recently won a national Counter-Terrorism and Specialist Security Award.

Professor John Tyrer from the University’s School of Mechanical and Manufacturing Engineering developed the pioneering technology alongside Dr David Worrall from the Department of Chemistry.

Professor Tyrer’s spin-out company - Laser Optical Engineering - developed the working prototypes of the device.

Professor Tyrer said: “The Explorer is non-invasive, works in real time, causes no delays to passengers and is fully automatic, cutting out human error, and the images produced are no more controversial than those generated by CCTV.”

The technology has the potential to revolutionise how we protect members of the public from the threat of terrorism, not only here in the UK but across the world.

The device is now being developed further for use in cargo screening at air and sea ports.

**Better car security boosts fight against crime**

Improved car security is one of the factors behind falling crime rates, according to research by Loughborough criminologist Graham Farrer.

Professor Farrer from the Department of Social Sciences believes car theft is an ‘opportunistic debut crime’ which can kickstart a criminal career. Those stealing cars can often go on to become burglars or muggers.

He points out that a stolen car is often needed by people who commit serious crimes, and the improvement in car security, thanks to things like electronic immobilisers and central locking, has led to a drop in car thefts and other crimes.

Last year 94,000 vehicles were stolen in Britain compared to 369,000 in 1997. Crime in England and Wales has halved since the peak of 19.1 million crimes per year in the mid-1990s.

There have been significant falls in counties across the industrialised world like the United States, Canada, Australia and Japan. In Canada, where car immobilisers were not made mandatory until 2007, crime starts to rise after the 2004 data.

The research was funded by the Economic and Social Research Council.

**Criminologists bid to beat the burglars**

University lecturer Dr Louise Grove has set out to discover the best home security measures in a bid to put burglars out of business.

Dr Grove, from the Department of Social Science, has teamed up with two researchers from other universities to identify the most successful and cost-effective burglary devices for different people – depending on a variety of issues including area, accommodation types and occupants’ characteristics.

They will analyse more than 20 years of British Crime Survey data to uncover what works best for which people and properties as part of the Economic and Social Research Council (ESRC) funded 18-month long project.

It is hoped the findings will be used by the police to successfully target different population groups, a move which the researchers believe could have a dramatic effect in reducing home burglaries.

The range of security measures the team will be looking at include alarms, dummy alarm boxes, security chains, indoor and outdoor lights on timer and sensor switches, bars or grills on windows and doors, deadlocks and window locks, and even dogs.

Dr Grove said: “We already know that the risk of becoming a victim of domestic burglary is not equally spread across households, but what we don’t yet know is how households can best reduce their risk of becoming victims.”

“In this research we’ll be looking at different security devices and how effective they are in various contexts. For example, is a dummy alarm as effective as a real alarm? Do timer lights work better in some property types than others?”

“Because domestic burglary is such a high volume crime, understanding what works to reduce it could have huge benefits for society, not only in terms of decreasing vulnerability but also by reducing fear of crime and perhaps even lowering the costs of policing the problem.”

The study - the first of its kind - is being carried out in conjunction with Andrea Marchetti, Professor of Criminology at Nottingham Trent University, and Nick Tiley, Nottingham’s Professor Emeritus who is currently at University College London.
Peter Keen announced as new Director of Sport

Peter Keen CBE has been appointed as the University’s new Director of Sport.

During his time at UK Sport Peter is credited as being responsible for developing and implementing ‘Mission 2012’ a strategic performance management system and reporting process for all Olympic and Paralympic elite sports.

This process not only underpinned the success achieved by Team GB and Paralympics GB at the 2012 Games, it is also considered to be the benchmark for evaluating public funding for elite sport.

As well as having a background in performance sport, Peter initially worked in the university sector as a senior lecturer in exercise physiology at University College Chichester and the University of Brighton.

While at Chichester, Peter also took on the role of the National Coach for British Cycling. Not only did he support cyclists to win Olympic and world titles but was also personally recognised, receiving awards for excellence and a lifetime contribution to coaching.

This success led to Peter being appointed the Performance Director for British Cycling from 1997 to 2003, where he laid the foundations for the sport’s recent achievements by establishing the most successful elite sport programme in the UK.

In 2004 following a year at GlaxoSmithKline to head up the Lucozade Sport Science Academy, Peter spent eight years at UK Sport, initially as Head of Performance, and then in the build up to the London 2012 Games, as Performance Director.

Peter left his post earlier this year, but has still been involved at UK Sport as a Special Advisor for Performance. In June 2012 he was awarded the Commander of the British Empire (CBE) for services to sport.

University hosts landmark forum on anti-doping

Over 80 delegates from the sporting landscape attended the Clean Sport Forum 2012, hosted by UK Anti-Doping and held on campus at the new Loughborough University Stadium.

The forum brought together representatives from a range of sporting bodies and organisations to share learning about their anti-doping programmes, and to promote the essential role of creating a clean sport culture following on from the London 2012 Games.

Vice Chancellor Professor Robert Allison welcomed the delegates to the University at the start of the day and made reference to the joint work Loughborough is carrying out with UK Anti-Doping in an innovative new project to promote the culture of clean sport on campus.

Loughborough Students Tennis Crowned European Champions

Loughborough Students are the champions of Europe for the second time in four years after winning the European Collegiate Tennis Association Finals.

Last time the team won the finals back in 2009 they became the first UK University to win the European title. The 2012 team beat the German Sports University of Cologne in the final to claim a famous victory at the National Tennis Centre in Roehampton.

After opening singles’ victories from Myles O’Meara and Lucas Poelman Loughborough were in a healthy 2-0 lead. Defeat for Tristan Farron-Mahon in a hard fought encounter and victory for Scott Whirrlead made the match score 3-1. Loughborough were now only one match away from the title.

Cologne won the first doubles match and went into the second looking to tie the match. But the pairings of Whitbread and Farron-Poelman pulled through to claim game, set, match and the European title for Loughborough.

Gibson to join British Swimming as interim sprint coach

British Swimming has announced the appointment of former world champion James Gibson as the Interim Sprint Coach to head up the Sprint Programme at Loughborough University.

James is a former student and a member of the Loughborough University Sport Hall of Fame.

James, who retired from competitive swimming in 2010, had won gold at European, Commonwealth and World level before turning his hand to coaching at the CN Marseille club, one of French swimming’s High Performance Centres.

Anya misses out on World Cup glory

Current University student Anya Shrubsole was part of the England women’s cricket team that agonisingly missed out on claiming the World Twenty20 title in Sri Lanka.

Anya, who studies Psychology, was in the starting XI and bowled three overs during the Australian innings.

Australia recorded 142 for four, and despite a late rally England fell short by four runs.

Anya was one of several Loughborough cricketers in the squad including University graduates Tamsin Beaumont, Arran Brindle and Laura Marsh alongside Loughborough College representatives Lydia Greenway and Amy Jones.

Loughborough Basketball unveils Olympian as new head coach

Loughborough Basketball has announced that London 2012 Olympian Drew Sullivan has been appointed as the new Head Coach for their men’s team.

Drew, who played for Team GB in the London 2012 Olympic Games, will continue to play for the Leicester Riders but will also take his first steps into coaching by working with the Loughborough Student Riders men’s team for the 2012/13 season.

The announcement is the latest development for the ‘Loughborough Basketball Programme’, a thriving partnership between Loughborough University, Loughborough College, Charnwood College and the Leicester Riders.

The partnership offers young people from the UK and overseas the opportunity to continue studying in higher and further education as well as developing as a basketball player.

Manchester United Fixtures Honours Loughborough Great

Loughborough Students Football have played host to the Manchester United Academy XI at the newly built Loughborough University Stadium.

This was the second time the students have hosted a Premier League club. The Manchester United squad were impressed by what Loughborough Sport had to offer after being treated to a tour of sports facilities around campus.

The evening was a great success and a fitting occasion to unveil the new Mike ‘The Doc’ Holliday Boardroom in the stadium.

The partnership is managed by former student and a member of the University’s new Director of Sport Peter Keen CBE.

http://loughboroughsport.com/sign-up

Loughborough Sport weekly newsletter

To keep up to date with the latest sports news stories, including fixtures and results, you can sign up for the weekly Loughborough Sport e-newsletter at:

http://loughboroughsport.com/sign-up
The Victory Hall was built in 1945 for Loughborough College.

It was constructed to a size specified by College Principal, Herbert Schofield, even though the Ministry of Education had only approved a building two thirds the size.

It was used as an indoor recreational gym for the wartime RAF Medical Rehabilitation Unit, which was based at the College from 1942. The main hall was used for indoor tennis, badminton and basketball. There was a cafe with an open-air tea terrace, and on the first floor rehabilitation and physiotherapy rooms. Its Rehabilitation Officer was Dan Maskell, the famous tennis player and coach. By the end of the war it had treated more than 10,000 wounded aircrew.

After the war it was used by the College for a variety of PE activities, including coaching and practical exercises. Past students may also remember with affection the Union dances that took place in the hall.

In the 1960s the building became the home for basketball club, Loughborough All Stars (now Leicester Riders).

More recently the hall has been extensively used by the Sports Development Centre for activities including Intramural Sport, children’s sport camps, casual and AU bookings. It has also been used on graduation days and as a venue for filming.