

Her Majesty The Queen opens the National Cricket Academy at Loughborough University

Her Majesty The Queen was at the University on 14 November to officially open the ECB (England and Wales Cricket Board) National Academy.

On arrival at the Academy, Her Majesty, who was accompanied by His Royal Highness The Duke of Edinburgh, was met by dignitaries from the region and the University, including the High Sheriff of Leicestershire Mrs Julien Birchall, the Mayor of Charnwood Councillor Jack Moore, and the University Chancellor Sir John Jennings. Her Majesty was then presented with a posy by Bethan and Emily Morris, the daughters of ECB Performance Director Hugh Morris.

After briefly observing ECB National Academy players practising in the main hall, Her

Majesty and His Royal Highness were invited to tour the state-of-the-art facility. Following

this they were taken to the main hall where they joined the assembled guests - who included former England cricketer Geoff Boycott - to watch a variety of net-based cricket activities, with commentary by the BBC's Jonathan Agnew, the former England player.

Her Majesty then met the ECB National Academy Players, before unveiling a commemorative plaque to mark the official opening of the facility.



Her Majesty The Queen meets some of the Academy players.

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Loughborough pays tribute to its Rugby World Cup heroes

Loughborough University has paid tribute to its own heroes of the Rugby World Cup winning team as they return home from Australia.

Manager Clive Woodward, coach Andy Robinson, defence coach Phil Larder, fitness advisor Dave Reddin and Lock Ben Kay are all graduates of the University. In addition, kicking coach Dave Alred, who helped to hone the skills of key England players such as World Cup star Jonny Wilkinson, is

currently registered as a student at Loughborough, researching the psychology of kicking.

Completing the Loughborough line-up are former students John Taylor and Steve Smith, who provided the ITV commentary for the nail-biting final.

Professor Stuart Biddle, head of Sport and Exercise Sciences at Loughborough, and Clive Woodward were students together at the University back in the 1970s. "Clive was

captain of the rugby team when I was president of the athletic union," Professor Biddle says. "He was an outstanding player and came under the influence of the coach Jim Greenwood, who was a bit of a rugby guru at the time. He showed his leadership qualities even then though, leading a side that won the universities' title."

He added: "We're all extremely proud of Clive's achievements, and of the rest of the Loughborough alumni involved."

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Editor: **Judy Smyth**
Ext: 8697
Email: **J.L.Smyth@lboro.ac.uk**

Layout by: **Helen McCullam**

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Her Majesty The Queen opens the National Cricket Academy

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After signing a portrait photograph and presentation cricket bat, Her Majesty and His Royal Highness departed by car.

"Clearly it was an honour to have Her Majesty opening the new Cricket facility at the University, and being a past MCC President, I'm sure that His Royal Highness The Duke of Edinburgh was interested in the Cricket programmes at Loughborough," said Guy Jackson, the University's director of cricket.

"The visit was also indicative of the significance of this sports development for the University, town and region. It is quite

simply the best Cricket facility of its kind in the world," he added.

Reiterating the sentiment, Len Jackson, Chair of the Sport England Regional Sports Board for the East Midlands, commented, "It was an honour to be at the ceremony on behalf of Sport England to see Her Majesty The Queen officially open the National Cricket Academy. Sport England's vision is to make England an active and successful sporting nation and crucial to this is providing the best possible support for our elite performers. That is why I am delighted to see the Academy, which Sport

England has provided major funding for, open for business. In striving to become the best in the world, the Academy cricketers will be backed by the best facilities and services in the world."



Her Majesty The Queen signs a presentation cricket bat at the official opening of the ECB National Academy.

University recognises long service

Twenty five members of staff at Loughborough University have been presented with a certificate by the Deputy Vice Chancellor, Professor Phil Roberts, to mark 25 years' service. Each person was also invited to choose a gift to the value of £150. The presentation ceremony is an annual event and this year's list of recipients was as follows:

Mr Peter Allison	Media Services	Professor Barry Howcroft	Banking Centre, Business School
Mrs Christine Avery	Residential Organisation	Mr David Johnson	Media Services
Mr Dennis Ball	Estates Services	Mr Pradip Karia	Aeronautical and Automotive Engineering
Mrs Jo Broster	Residential Organisation	Mr Gordon Kettleborough	Electronic and Electrical Engineering
Mrs Sue Bryman	Teacher Education Unit	Mrs Anne Matthews	Aeronautical and Automotive Engineering
Mrs Carole Church	Residential Organisation	Mrs Carol McCarron	Ergonomics and Safety Research Institute
Dr Andrew Cotton	WEDC, Civil and Building Engineering	Dr Keith Peat	Aeronautical and Automotive Engineering
Dr Jack Demaine	Social Sciences	Mrs Janet Redman	Wolfson School of Mechanical and Manufacturing Engineering
Mrs Janet Ennis	Residential Organisation	Professor Roger Smith	Chemistry
Mrs Sandra Forster	Estates Services	Mrs Su Spencer	Economics
Mrs Mavis Hawkes	Library Services	Mrs Margaret Tombs	Residential Organisation
Mr Roy Hill	Estates Services	Miss Mary Treasure	Wolfson School of Mechanical and Manufacturing Engineering
		Professor Clyde Williams	School of Sport and Exercise Sciences



Pictured are some of the members of staff who were presented with a certificate to mark 25 years' service at the University.

University plans for on campus student accommodation

Options for the provision of student accommodation on campus are currently being considered by the University.

In an initial review of the campus a number of potential sites have been identified and the University is now looking at these options in more detail. The possibilities currently being examined are:

- developing an area in the east park part of the campus currently being used for teaching.
- the demolition and rebuilding of existing student accommodation in a central campus location to increase the density.
- the provision of new accommodation on a car parking area on the northern boundary.
- provision of new accommodation on the west park part of the campus.

It is estimated that these sites could provide approximately 2000 new bed spaces on campus. Detailed feasibility studies of the sites have commenced. Whilst all four sites are within the campus boundary, the western campus site is currently greenfield and an

essential part of the preliminary investigation work will be to consult with relevant authorities and residents. Plans for this are already underway.

In recent years the provision of student accommodation has not kept pace with the growth in student numbers. In an attempt to address this and also plan for future growth, the University is preparing a student accommodation framework document in association with Charnwood Borough Council and local residents.

Roy Hill, the University's Director of Estates comments: "Whilst the framework document considers the provision of student accommodation both on and off campus, it is on campus provision that is seen as a priority in the way forward hence the decision to commence preliminary work to identify and assess possible on campus sites."

Anyone wanting further information about plans for on campus student accommodation should contact Roy Hill on extension 2102 or Malcolm Brown on extension 2250.

Two copies of the new limited edition Leicestershire Monopoly up for grabs

Now everyone has the chance to own Loughborough University and a whole host of other local landmarks by playing the new limited edition Leicestershire Monopoly board game.

For just £300 pounds you could be the proud new owner of the campus. Other places up for grabs include The National Space Centre in Leicester, Bradgate Park, East Midlands Airport and The Great Central Railway.

The game's creator, Mark Marriott said: "The board reflects the essence and spirit of Leicestershire and the multi-culture of the county."

The game went on sale in October but News@lboro has two copies of



Leicestershire Monopoly to give away.

For your chance to win a copy of the game send your name, address and contact number to Judy Smyth, Loughborough University, Publicity Office, Rutland Hall, Loughborough, LE11 3TU or email J.L.Smyth@lboro.ac.uk. The two lucky winners will be announced in the next edition of News@lboro.

Cyclists being warned to 'light up or pay up'

Cycling's good for your health, but maybe not if you fail to light up. That's the warning being issued by the Security Office as part of its Lights on Cycles campaign.

Now in its sixth year, the campaign was started in response to safety concerns by staff and students at the number of cyclists riding around campus without lights.

"First off, our aim is to remind staff and students about the need for lights on bikes," said deputy security manager Tom Cartwright. "We have put up posters

around the campus to help jog people's memories, and security staff and Pc Dave Bliss, the new local beat officer, have been stopping and 'advising' anyone caught riding without lights.

"However we won't be lenient forever, and those who choose to ignore our advice will be fined in accordance with the University Traffic Regulations – which could result in a fine of up to £100."

Last year saw a total of 18 people being reported and fined for not displaying lights. The previous year saw a total of 49 people

fined, and the year before that there were 89 people fined, so the annual campaign does appear to be working.

Mr Cartwright added: "We have to get the message across by educating all cyclists that there is a need to adopt a responsible attitude. However, I offer no apology when I say that those who do not heed the advice will be fined. Safety on Campus is paramount; you wouldn't drive a car at night without switching on your lights, so why ride a bike? It's just not worth the risk of a serious accident, or the fine."

Students design outstanding corporate Christmas cards

Final year students from the University's School of Art and Design (LUSAD) are celebrating as their exclusive Christmas card designs fly off the printing press.

The talented students won a competition to produce a variety of innovative illustrations for Christmas cards on sale now through Loughborough University. The annual competition is sponsored by the University's business support company, Loughborough University Enterprises Ltd (LUEL), Media Services and the University Publicity Office.

Anna Seddon, marketing manager of LUEL, one of the judging panel, commented: "We are thrilled with the quality of the students' artwork and struggled to narrow the entries down to just six. The chosen illustrations reinforce LUSAD's excellent reputation for producing talented illustrators, many of whom have already had their work snapped up by publishing companies before graduation.

"An impressive 3,000 cards were sold last year, many of which were sent to companies worldwide. This competition is an excellent showcase for the talents of our BA Illustration students."



First prize was awarded to Andy Davies for his comic illustration incorporating a Christmas cake recipe and second prize was awarded to Chintu Shah for his robotic Santa and reindeer. Kelly Jennings, Claudia Page, Katie Wood and James Crossley each received runner up prizes for their designs respectively depicting festive penguins, a street scene, gift bearers and a Christmas tree. The students received cash prizes and a printed acknowledgement on each of their Christmas cards.

The six winning designs are currently featured in the University's Media Services official Christmas card selection, available for staff and students, local companies and members of the public. Company logos and personalised greetings can be incorporated and the cards can be viewed and ordered online at <http://www.lboro.ac.uk/mediaservices/xmas/>

Andrew Selby, Programme Leader of Illustration at LUSAD said: "The competition has been running for three years and is once again a huge success with our students. We are delighted that their designs are proving so popular. The competition gives students the chance to rise to the challenge of a real life commercial brief with a tight production schedule – good preparation for the future."

Special visit by the Secretary of State for Education and Skills

The Rt Hon Charles Clarke MP, Secretary of State for Education and Skills, made a special visit to Loughborough in September.

Accompanied by government and development agency representatives from the East Midlands, the Minister's prime objective was to learn more about the University's successful collaborations with industry.

Vice Chancellor Professor David Wallace, the University's Director of Business Partnerships Professor Ron McCaffer, other senior management academics and representatives of the Systems Engineering

Innovation Centre gave presentations on their particular areas of collaboration.

They highlighted to the Minister Loughborough's remarkable rise in the national league tables to join the UK's elite universities, its high ranking in current HEFCE performance benchmarks for research, and its outstanding success in developing technology transfer, which have all given the University considerable prominence.

Professor McCaffer said: "The Minister seemed extremely impressed and asked what made Loughborough so successful. I told him that underpinning Loughborough's

current success is the layer upon layer of collaborations with business and industry that have been patiently built up over the years.

"These collaborations have led to many of the unique features that characterise 'the Loughborough brand' and give it special value, notably its extensive portfolio of sandwich programmes and sponsored degrees to its industry-focused research centres and institutes. They also account for strategic relationships with such companies as Ford, BAE SYSTEMS, Rolls-Royce, with the construction industry and with many others."

Students visit volcanic island of Montserrat

A group of Loughborough University students have returned from a visit to the Caribbean island of Montserrat, which has been devastated by a series of volcanic eruptions.

Around 19 final year geography students took part in the trip to the island, which was organised by the University's Dr Tracey Skelton and Dr Joanna Bullard. The purpose of their visit was to research the social and cultural impacts of the crisis and the future redevelopment of Montserrat.

The island hit the news headlines in 1995 when the Soufriere Hills Volcano first erupted. Subsequent major pyroclastic flow events have buried several villages and the capital town of Plymouth in ash. The most significant and recent event was in July 2003.

Pyroclastic flows are the high-speed avalanches of hot ash, rock fragments, and gas that move down the sides of a volcano during explosive eruptions or when the steep edge of a crater breaks apart and collapses. The flows, which can reach temperatures of 700°C and speeds of 150 mph, are capable of knocking down and burning everything in their path.

Before the volcano erupted more than 10,500 people lived in Montserrat. Today around 4,500 remain.

During their visit to the island the students stayed in accommodation previously used as evacuation shelters and so gained an insight into the basic living conditions

experienced by many of the local people for months at a time. The group's fieldwork included primary data collection through participant observation, interviews, focus groups and community mapping.

In groups of two or three all the students spent a full day in Montserrat's secondary school and a second day in one of the three primary schools, finding out about methods of teaching and learning and the attitudes of the young population to the volcano and life on the island.

Several prominent members of the Montserrat community, including the Chief Minister, John Osborne and the Governor of the island, Anthony Longrigg met with the students. They discussed with the group their perspective on the volcanic crisis and answered questions, not only about the direct impacts of the volcano, but also about the attitudes of the islanders towards the British, the differences between British and Montserratian cultures and the redevelopment opportunities for the island.



Pictured are all the students who went on the field trip - and in the background the Soufriere Hills Volcano is clearly visible.

Dr Tracey Skelton said: "I have been conducting feminist, social and cultural geography research with Montserratians since my PhD work in the 1980s. I have since made several subsequent research visits. Each time, I considered the feasibility of taking a fieldtrip but once the volcano began erupting it wasn't possible.

"However, in January of this year I visited again and discussed the possibility. It then all moved very quickly and we were able to organise a trip. It was a wonderful experience for me to share Montserrat with the students and watch them learn and participate in such positive ways. The Montserratians involved with the trip have all made Joanna and I promise to return next year."

Loughborough backs Arkwright Scholarship Trust

The University has vowed to continue to sponsor the Arkwright Trust Scholarship scheme after attending its annual awards ceremony earlier this year.

Loughborough is one of only two UK universities that currently support the scholarships, which were set up in 1990 to encourage talented young people to consider a career in the field of design and engineering.

At the ceremony, which was held at the Institution of Electrical Engineers, University representatives Professor Ron McCaffer and Howard Jones presented certificates to Loughborough's two sponsored Scholars for 2003/2004. These are Richard Morton of King Edward VII School in Melton Mowbray and Thomas Vickery of Burleigh Community College, Loughborough.

There are 61 sponsors in total who support the scheme. These are drawn largely from industry and include leading companies such as Ford, BP and Rolls Royce. The awards comprise payments of £450 to the scholars and their schools respectively, spread over the two years of their A level studies. There is a requirement for scholars

to be taking A Level Design and Technology and Mathematics, and the selection process involves an examination, an assessment of practical work and an interview. Loughborough is one of a small number of universities which host the interviews, providing an opportunity for applicants and their parents to view the campus and departmental facilities. Since its inception, more than 50 scholars have taken up places on undergraduate degree programmes at Loughborough.

The Student Recruitment and Admissions Team regards the scheme as an extremely worthwhile initiative and has undertaken to continue its support in the future.



Pictured from the left are Professor Ron McCaffer, scholars Richard Morton and Thomas Vickery and Howard Jones.

Cash boost for engine research at Loughborough University

The University's Wolfson School of Mechanical and Manufacturing Engineering has been awarded a grant of more than £600,000 to research ways of reducing exhaust emissions and fuel consumption of premium car engines.

The research project, supported by the Engineering and Physical Sciences Research Council (EPSRC), Jaguar Cars and Shell Global Solutions, is entitled Combustion Concepts For Sustainable Premium Vehicles.

It will run until September 2007 and is part of a consortium project with University College London, the University of Oxford and the University of Leeds – worth more than £2.4 million in total. The study will create a Virtual Centre of Excellence in engine research, exploiting the four universities' expertise in engine combustion.

All the members of the consortium were specifically chosen by Jaguar to work on the project, which highlights

how the research expertise in engineering at Loughborough is highly valued by industry.

The universities will use the same hardware to ensure the data they collect is comparable. The measurements will be made in optical engines using a range of advanced laser techniques. Initially the project will focus on gasoline direct injection engines and the factors that determine the cyclic variability in

Photo courtesy of Vince Scothern



Pictured from the left are Loughborough project members Professor Neil Halliwell, Professor Colin Garner, Dr Jeremy Coupland, Dr Andy Clarke and Dr Graham Hargrave.

combustion. The mechanisms behind cyclic variability, and effective methods for their control, have not yet been satisfactorily understood but this is essential if future engine technologies are to meet their full potential. This new understanding will help researchers to see how engine fuel consumption and emissions can be reduced, whilst maintaining high power output.

Colin Garner, the Perkins/Royal Academy of Engineering Professor of Applied Thermodynamics, who is the project leader at Loughborough said: "We are delighted to be members of this flagship project. The research is technically ground-breaking and it is expected to lead to real improvements in engine design and performance."

Neil Halliwell, who is Professor of Optical Engineering and Pro Vice-Chancellor for research at Loughborough added: "This award is testimony to the benefit to be achieved from multi-disciplinary, collaborative research between internationally leading groups at the highest level."

Researchers develop pioneering oil filtration system

Researchers from the Department of Chemical Engineering have developed a unique filtration system which could help prevent thousands of tonnes of oil being released into the sea.

For the last 15 years Dr Richard Holdich and Dr Iain Cumming have been investigating ways of separating oil and other particles from water.

Together with a team of researchers they have developed a new filtration system, which could be used on offshore oil rigs to vastly reduce the amount of oil discharged into the world's oceans.

It is estimated that around 5,000 tonnes of oil each year escapes into the sea from offshore rigs in the UK sector alone, whilst oil is being collected. Both the Government and oil producers are keen to reduce this to protect the environment and ensure such a valuable resource is not wasted.

The team's new system could help tackle this problem, and in the future could also be used to treat major oil spills.

"Put simply, our filters work by literally sieving suspended solids and drops from a fluid," Dr Holdich explains. "Through years of

research we have been able to design a filter which has such minute holes in it that it can separate water from substances such as oil."

The team's research was originally funded by a £220,000 grant from the Engineering and Physical Sciences Research Council (EPSRC). This has enabled them to set up a spin out company, called Micropore Technologies Ltd, to develop the system into a commercial product. The company has just been given a Smart Award by the Department of Trade and Industry of £45,000. These awards are presented to individuals or small to medium sized businesses to help them carry out feasibility studies on innovative technologies or to take a promising new product or process to pre-production prototype stage.

Micropore Technologies Ltd is now involved in talks with several of the world's biggest oil producers about introducing the new filtration system to offshore rigs.

Dr Holdich added: "This is a very exciting time for the company. We are all extremely grateful for the support we have received from the Department of Chemical Engineering and Loughborough University over the last 15 years. It has helped us turn a simple idea into a marketable product."

Aeronautical & Automotive Engineering

Readership
Dr J F Carrotte
£301,118 Rolls Royce

MIRA Research Studentship - Optimisation of Road Vehicle Aerodynamics for Real World Environment
Dr M Passmore
£46,530 MIRA Ltd

Chemical Engineering

Fundamental Study of Multi-Component Fat Crystallisation - Ref:D20450
Dr A G F Stapley and Prof V M Starov
£125,721 BBSRC

Chemistry

New Organocatalysts for Asymmetric Epoxidation
Prof P C B Page (Res.St. for Genna Parkes)
£24,000 Syngenta Ltd

Resistive Heating in Separation Sciences (Res. St. for Fiona Harvey-Doyle)
Prof R Smith
£21,000 GlaxoSmithKline R & D Ltd

Asymmetric Synthesis of Tetronothiodin
Prof P C B Page (Res. St. for David Foley)
£20,100 Astra Zeneca UK Ltd

Polymorphism of Lactose
Dr S E Dann (Res. St. for Joanne H. Smith)
£45,000 3M Health Care Ltd

Exploration and Exploitation of Asymmetric Metal Alkyne Complexes
Dr S Christie (Res. St. Mr Jon Shotton)
£64,800 Astra Zeneca UK/EPSC CASE

Improvement of Electrode Structures of the Regenesys Modules C341
Prof S Fletcher (Res. St. Anand Panchal)
£76,100 Regenesys Technologies Ltd

Metal Oxides Containing Non-Oxide Substituents
Dr S E Dann (Res. St. Ind. Case Top Up)
£61,200 Johnson Matthey Technology Centre, Reading

Palladium Catalyzed (2+3) Cycloaddition and Carbopalladation Route to the Tricyclic Core of the Stenine Group of the Stemonal Alkaloids.
Dr G Pritchard (Res. St. Craig Early)
£24,000 Syngenta Ltd

A New Route to Azepinoindoles
Prof R C F Jones
£65,700 GlaxoSmithKline R & D Ltd

The Ion Exchange Properties of AW500
Prof P Warwick
£20,000 BNFL Magnos Electric plc

Sulfurylides as versatile reagents in heterocyclic synthesis.
Dr S Christie (Adam Warrington)
£65,700 GlaxoSmithKline R & D Ltd

New Stereoselective Routes for the Total Synthesis of Indole Alkaloids

Dr S Allin (Sean Gaskell)
£21,000 GlaxoSmithKline R & D Ltd

"Palladium catalysed (2+3) cycloaddition routes to the tricyclic core of the Stenine Group of Stemonal alkaloids"
Dr G Pritchard (Vincent Neary)
£21,000 GlaxoSmithKline R & D Ltd

Civil and Building Engineering

A Behavioural Change Tool for Project-Based Organisations
Dr A R J Dainty
£59,948 EPSRC/IMRC (Ref:IMRC 80)

BAA: Surface Transport Research
Dr S Ison and Dr I Humphreys
£47,000 Heathrow Airport Ltd

Applications of Mobile Computing Technologies in Construction
Prof T Thorpe
£25,764 DTI Via ARUP

Computer Sciences

SMDS Monitoring Contract No. MH275425
Dr I R Phillips
£24,800 British Telecom

CRSP

Evaluation of the School Sports Co-ordinators Programme
Mr A Cebulla, Dr M E Nevill, P Warrington
£154,078 Sport England

Design and Technology

EPSC Scoping Study "AUNT" (Accessibility and User Needs in Transport)
Prof Porter
£20,148 London Metro/EPSC

Electronic and Electrical Engineering

SMDS Monitoring Contract No. MH275425
Dr D J Parish
£37,200 British Telecom

Cranfield Study of Militarily Significant Materials
Prof I R Smith
£15,000 Cranfield/MOD

ESRI

On The Spot Study - Phase II
Mr J Hill
£1,334,620 Department of Transport

Human Sciences

Rail Research UK
Prof K C Parsons
£50,000 EPSRC/Southampton University

Research into the area of Clothing Development Contract No.RD024-0690
Dr G Havenith
£208,441 DSTL for MOD

Research into Soldier Mobility and Load Carriage Contract No. RD024-0699
Dr R H Hooper
£426,577 DSTL for MOD

Empirical Review of NHS Estates Ergonomics Drawings: Outline Proposal for a Research Training Studentship

Dr S Hignett and Prof K Morgan
£83,890 Dept. of Health, NHS Estates

IPIME

Electrochemistry and Deposit Characterisation of Copper
Dr G D Wilcox
£71,998 Technology Dev. Associates Operations Ltd, Market Harborough

Silane Crosslinking of Polythene
Prof M Gilbert
£33,384 Micropol Ltd

ISST

Evaluation of Pretreatments for Jaguar Bonding
Dr G Critchlow
£51,800 Jaguar Cars Ltd

Mathematical Sciences

Modelling Radiation Damage in Oxides
Prof Roger Smith
£17,925 Los Alamos Research Laboratory

Mechanical & Manufacturing Engineering

Real-Time Micrometre Adjustments of Process Machinery
Dr M R Jackson and Prof R M Parkin
£46,066 EPSRC/IMRC (Ref: IMRC 82)

Post Office UTC
Prof R H Parkin and Dr M Jackson
£70,000 Post Office

Towards an Innovative Electronics Manufacturing Research Centre
Mr P P Conway and Dr K Walsh
£7,830 EPSRC

Material Analysis and Design Optimisation for Rapid Manufacturing
Dr R Hague and Prof P Dickens
£286,989 EPSRC(IMRC)

School of Sport and Exercise Sciences

Evaluation of the School Sports Co-ordinators Programme
Prof B M J Houlihan, Mr L Almond and Dr K M Armour
£572,723 Sport England

Social Sciences

Spanish Civil War and British News Media
Mr D N Deacon
£34,934 ESRC

East Midlands Development Agency International Students Benchmarking Study
Prof P Golding
£14,047 EMDA

WEDC

Tools for the Development of National Sanitation Policy
Dr A Cotton
£105,009 DFID

Social Aspects of Construction, Dissemination Project Phase 3
Dr A Cotton
£96,300 DFID

Low fat food now on offer at the Edward Herbert Building

After a major refurbishment programme during the summer the EHB has re-opened with The Linford restaurant.

The fully air-conditioned eatery serves daily good quality traditional meals and the ever-popular roast of the day, plus special low fat meals. In these dishes, which are marked with the Loughborough Sport logo, only skin-less meat or fish is used and the ingredients are grilled, poached or steamed. A low fat vegetarian option is also available every day, along with a wide selection of salads, a Halal meat dish and a range of gluten free foods.

The Brunch service at weekends from 11.30am to 1.30pm has returned, where staff and students can purchase a three-course brunch for as little as £2.30.

And the Bradgate restaurant has been relocated to where the Senior Common Room was. The restaurant now provides a modern, luxurious eating experience with a relaxed atmosphere, serving three-course a la Carte meals and a new selection of business lunches. The Bradgate is also open for private bookings in the evening and at weekends.

Christmas lunches at the EHB have been kept at last year's prices and any party of 10 will pay for only nine. To make a reservation email H.Clarke@lboro.ac.uk or call the Bradgate restaurant on extension 3815.



Pictured from the left are hospitality supervisor Joanne Wilson, head chef Peter Cipolla and chef Don Reed.

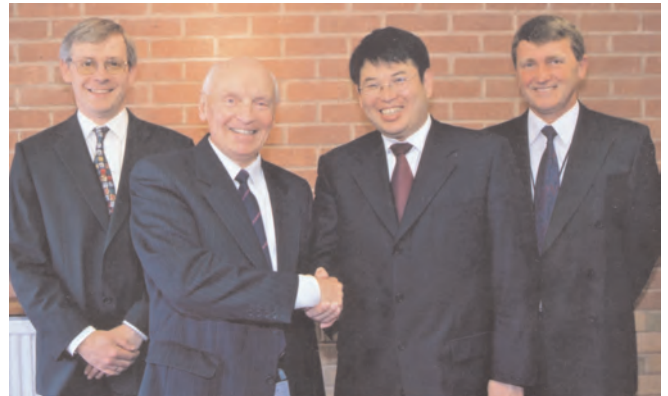
Loughborough builds up links with Chinese university

Loughborough has signed a Memorandum of Agreement with China's Shandong University.

The agreement will encourage research collaboration between the two universities and will enable students from both institutions to study in the UK and China.

Professor Zhan Tao, President of Shandong University visited Loughborough in September to sign the memorandum. He was joined by the Vice Chancellor Professor David Wallace, Professor Neil Halliwell, the Pro Vice Chancellor for Research, and Dr Chris Linton, Head of Department of Mathematical Sciences.

Also in September Professor Gong Ke, Vice President of China's Tsinghua University visited Loughborough. He was taken on a tour of the campus by Professor Wallace, Professor Halliwell and other senior colleagues of the University, visiting the Department of Electronic and Electrical Engineering and the School of Sport and Exercise Sciences.



Pictured from the left are Dr Chris Linton, Head of Department of Mathematical Sciences, the Vice Chancellor Professor David Wallace, President of Shandong University Professor Zhan Tao and Loughborough's Pro Vice Chancellor for Research Professor Neil Halliwell.

Loughborough Professor visits the Isaac Newton Institute

Professor Jon Huntley of the University's Wolfson School of Mechanical and Manufacturing Engineering recently visited the Isaac Newton Institute for Mathematical Sciences.

Professor Huntley is currently an invited participant on the four-month programme on Granular and Particle-Laden Flows at the institute, which is based at Cambridge University. The aim of the programme is to bring leading mathematical scientists from the UK and from overseas to interact in research over an extended period. His research is concerned with the development of novel experimental techniques to probe the internal dynamics of flowing granular materials, and the modelling of such materials using kinetic theory methods.

The quality of Professor Huntley's research in this area and in optical engineering was recognised earlier this year with the granting of a prestigious five-year £200,000 merit award from the Royal Society and Wolfson Foundation.

For further information on the Isaac Newton Institute visit: www.newton.cam.ac.uk.

Photograph courtesy of H. Viswanathan



Professor Jon Huntley is pictured outside the Isaac Newton Institute.



Loughborough students continue to shine in sport at home and abroad

While Rugby euphoria reigns, Loughborough Students have been hitting the heights in other sports as well. Probably the most eye-catching individual performance came from 2003 graduate Jodie Swallow. The sports scholar triathlete, coached by Bob Smith of the School of Sport and Exercise Sciences, has always had an eye on the Athens Olympics, but injury and illness saw the dream evaporating. However Jodie has since hit the headlines with a remarkable silver medal place in the recent ITU World Cup event in Greece in November – significantly on the Athens Olympic Course. Jodie was beaten in a close race only by Sydney Olympic silver medallist Michellie Jones of Australia, and now looks for a victory in one of the remaining selection races to secure an automatic spot for Athens.



Jason Lee.

400m in the World Athletics Championships earlier this year. Difficult to outshine, Loughborough graduate Paula Radcliffe was named the Athlete of the Year, by the Athletics Writers Association after a world dominating year in which the European Studies graduate set world best times for the 5K, 10K and Marathon and won the World Half Marathon Championships, Great North Run and London Marathon.

Also on the international scene, popular Loughborough Students' hockey player and coach Jason Lee has left the Sports Development Centre to take up the post of Great

Britain Hockey Coach to lead the team through the qualification process for the Athens Olympics. Lee played for England and GB for nine years, including competing at the Barcelona and Atlanta Olympics while at Loughborough.

In another of our less traditional sports, first year scholar Chris Sumner, who is studying Geography, was selected for the British team for the World Water Ski Championships in Chile, which took place last month. Chris is the current Figures Champion from the British Open Championships and British U21 Championships.

A performance witnessed by many will have been Zoe Baker's joint victory in the highly entertaining BBC Superstars TV series. Zoe, a member of the highly successful Loughborough

Closer to home, and working with our local community, Loughborough Students footballers have come to the fore. The relationship with the Loughborough Dynamo Club has seen the University help in raising the standard of facilities at this focus local club, in return for access to these pitches for BUSA competition in midweek. The injection of student talent into the community side at the weekend has

seen Dynamo rise to the top of the Leicestershire Premier League, and the ultimate aim of the developments and playing relationship is to assist Loughborough to have a significant non-league side – as the town remains one of the largest not to have a significant non-league football club despite the obvious sporting pedigree.



Jodie Swallow.

University elite swimming squad and a Commonwealth and world record holder, tied with snowboarder Lesley McKenna, ahead of Tennis ace Annabelle Croft and triathlete Leanda Cave to win the women's competition. Back in the pool, Loughborough Students have just retained the BUSA Short-course Championships and several of the team are now focusing on the forthcoming European Short-course Championships in Dublin.

Also in the media spotlight is current European Studies masters student and Swimming World Champion James Gibson, who won the BBC Essex Sportsman of the Year Award for the second time. James beat the other local hero David Beckham into second place - a feat in itself - and sports scholar, PE, Sports Science graduate athlete Lee McConnell won the Bank of Scotland Scottish Athlete of the Year award. Lee was a finalist in the



James Gibson.

Meanwhile the popular Loughborough Sport Community Soccer Schools, supported by Loughborough Building Society, will again swing into action for kids over the Christmas holidays on 22 and 23 December, giving busy parents the chance to finish off their festive shopping. Local children can get the best tuition from Loughborough Student footballers and their coaches in a repeat of the successful summer initiative.

Courtesy of Nigel Fairrow.

Courtesy of BUSA.

Obituary

Martin Jones

It is with great sadness that we report the death of Martin Jones, who graduated from Loughborough with honours in Mechanical Engineering earlier this year. The 22-year-old was killed in a car accident on 11 October.

Martin will be remembered by those who knew him for his warm personality, his natural modesty, an optimistic outlook on life, and an infectious enthusiasm for all that interested him. In his spare time he had a passion for motor racing, and turned his hand to many sports. He believed in living life to the full; plans to spend a year working and travelling around the world were well underway at the time he died.

Whilst at Loughborough Martin developed into a highly competent 'hands-on' engineer, interested more in applications than in theory for its own sake. This is not an uncommon trait amongst our graduates, but Martin had an unusually well developed sense of how engineering could be used to benefit his company and the wider community. During his placement year at Jaguar he realised that quality control procedures for the V8 engine might be improved with optical technology developed within the Wolfson School. He proposed a final year project, persuaded his bosses at Jaguar to fund it, and carried it through to a highly successful conclusion. As a result the collaboration with Jaguar that he initiated is continuing, and will hopefully develop into a lasting tribute to the pioneering work he carried out over the past 12 months.



Martin will be greatly missed by his former friends and colleagues at both Loughborough and Jaguar, many of whom attended his funeral service in Cheltenham on 3 November. Our thoughts go out in particular to his family, who have asked that any donations be made to the County Air Ambulance service.

Professor Jon Huntley, Wolfson School of Mechanical and Manufacturing Engineering



Roll of honour

Loughborough's Careers Service has been voted one of the best in the country for supplying high-calibre graduates by some of the country's leading recruitment agencies.

The service came sixth in the national AGR/Barkers National Graduate Media Audit, which quizzed more than 160 graduate recruiters for the survey.

The University of Manchester took the top spot for the second year running, with Warwick getting second place.

Carl Gilleard, chief executive of AGR, said: "University careers services play a vital role in preparing students for the world of work and in helping graduates start their working lives. It is going to be increasingly important that universities and employers work together, as higher education expands and the competition for graduate jobs intensifies."

Extended funding for LISU

The Library and Information Statistics Unit (LISU), has received a major extension to its funding, enabling it to sustain its current programme of research.

Resource: Council for Museums, Archives and Libraries, has granted LISU further funding of £148,645, which will allow it to continue providing a range of important research products and services to the library and information profession.

LISU is a nationally recognised authority on performance measurement and the analysis of statistical data - expertise which is highly regarded by both managers and practitioners. The unit carries out commissioned research projects and is currently expanding its consultancy to embrace the increasing interest in performance assessment from museums, archives and partners in the cultural sector.

It is attached to the University's Department of Information Science and contributes to the research activity of the department. It also provides the Copyright Advisory Service for the University and a copyright advisor can be contacted by calling extension 3098. For further information about the unit visit the website: www.lboro.ac.uk/departments/dis/lisu/lisuhp.html

Dear Editor . . .

I am leaving the Department of Design and Technology in January 2003 to take up an Associate Professor post at the University of Illinois in the United States. I would like to thank all those individuals who I have had the pleasure of working with across the University.

I am sad to be leaving but I feel the time is right to cause complete chaos in another university!

Best wishes for the future.

Deana McDonagh

I would like to thank all those friends and colleagues who sent me kind messages and/or contributed to the lovely presents and beautiful flowers I received on my recent retirement.

I am looking forward positively to my retirement and am intending to take up several pursuits, but I will take away many happy memories of my time at the University and shall take a keen interest in its fortunes in the future.

I wish all of you and the University the very best for the future.

With very best wishes,

Karen Alexander

**Tuesday 9
December**

Christmas Concert

7.30pm

Performance by award winning Loughborough Students' Concert Band and friends.
Sir Robert Martin Theatre. Adults £4, Students £3, Concessions £3.
For further information contact the Arts centre, T: 01509 222899.

**Wednesday
10 December**

Concert by University String Orchestra

7.30pm

University String Orchestra conducted by Peter Rose. Programme includes Elgar's Serenade for Strings & Tom Kitchin, finalist in the BBC's Young Folk Musician of the Year, on the fiddle. Music Centre.
For further information contact the Arts centre, T: 01509 222899.

French Relations with the European Union

4.00pm

Dr Helen Drake will give a brief Study Leave Presentation to be followed by a Q&A session. Everyone is welcome to attend. Room A.2.04 Schofield.
For further information contact Dr Maurice FitzGerald, T: 01509 223659.

Latex Film Formation

1.30pm

Seminar by Dr Alex Routh. Room S.2.56, S Building.
For further information contact Yasmin Kosar, T: 01509 222533.

Eternity and Modernity: changing European perceptions of Italy at the end of the Risorgimento

5.00pm

Dr Christina Ujma will give a brief Study Leave Presentation to be followed by a Q&A session. Everyone is welcome to attend. Room A.2.04 Schofield.
For further information contact Dr Maurice FitzGerald, T: 01509 223659.

**Thursday 12
December**

Campus Carol Service

7.30pm

The annual Campus Carol Service, featuring the traditional nine lessons and carols - and a collection will be taken for charity. All very welcome. Cope Auditorium.
Further information from Revd Don MacGregor, T: 01509 223741.



**Merry
Christmas
and Happy
New Year
to all our
readers**

