

Review to help shape Loughborough University

Loughborough University is embarking on a major review that is intended to enhance its status as a leading research-led institution.

The University routinely produces a five-year Strategic Plan, with the current plan covering the period 2002 to 2007. However, due to a number of external factors, including the requirements of Government policies; the decreasing value of Government funding and increasingly strong competition between UK and overseas universities, the University has decided that it now not only needs to consider its needs for the next Strategic Plan but also its aspirations for the next 10 to 20 years.

The review will look at how the University will organise and develop its research and teaching, its research collaborations with leading companies, its commercial activities and its use of land in the long-term. It will take in the views of staff and students,

a range of individuals and groups from within and beyond the University, local authorities, industries and businesses.

One part of the review will look at how all the land owned by the University can best support its current and future activities. A firm of consultants, GVA Grimley, has been appointed to focus on this specific part of the review.

The outcome of the review will feed into the next Strategic Plan as well as providing guidance for the long-term future development of the University. It will enable the University to make informed decisions that will ensure the best possible use of its resources.

Professor Phil Roberts, Deputy Vice Chancellor said: "This will be one of the most far reaching

reviews to be held by the University and the revised Plan will help shape the University and its campus for many years.

"We must pursue excellence in all our activities. We want to make a major and positive contribution, culturally and economically, to Loughborough and this region. Aiming for excellence does not, of course, necessarily mean increases in student numbers. It's worth repeating the fact that we have already capped the recruitment of UK undergraduates."

Anyone with enquiries about the review should contact Hannah Baldwin, Alison Barlow or Judy Smyth in the University's Publicity Office by calling 01509 222224. A website, giving further information about the review, will be available shortly.

Loughborough becomes the East Midlands' top-rated university

Loughborough University has leapt into the top ten of The Times Good University Guide, leaving two thirds of the elite Russell Group of universities, such as Nottingham, Edinburgh, Manchester and Birmingham, in its wake.

Published earlier this month, The Times Good University Guide ranks Loughborough in 10th position, a rise of two places from last year and the University's highest-ever rating, confirming it as one of the country's leading higher education institutions and the top-rated university in the East Midlands.

"I am particularly pleased by the recognition in The Times of our all-round strength. It reflects

the quality and commitment of staff, the exceptional student experience at Loughborough, and the relevance of our research," said the Vice Chancellor, Professor David Wallace.

The Times Good University Guide is based upon nine measures of quality, including teaching, research and staffing levels.

In the first of the individual subject tables also published today, which rank universities according to their assessments for teaching quality and research and their students' A level grades, Loughborough was placed top for Librarianship and Information Management. It was also ranked second for Building, seventh for Social Policy, and eleventh for Materials Technology.

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news@lboro is published by the Publicity Office, Rutland Hall, Loughborough University, Loughborough LE11 3TU
Tel: 01509 222224
Fax: 01509 223902
Email: news@lboro.ac.uk

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

Layout by:
Helen McCullam

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emda grant means expansion for Loughborough Innovation Centre

Loughborough Innovation Centre has been awarded £0.825 million to enable an exciting expansion of one of the region's largest facilities for high tech start ups.

The grant from emda, the East Midlands Development Agency, will create up to nine new units ranging from 82sq m to 105sq m for office, laboratory or workshop use.

Based on the University's campus, Loughborough Innovation Centre is home to 150 people from knowledge-based start ups and has attracted companies from as far afield as London. The purpose-designed facility opened in September 2002, following a successful £0.75m funding bid to emda, and achieved 100

percent occupancy within nine months. A fundraising campaign has also generated £75,000 of generous donations from local businesses and private donors.

Polly Multon, Centre Manager, said: "We're delighted to receive this significant grant from emda. It will enable us to meet the widespread demand for high quality, low cost incubation space within the thriving research environment of the University and Loughborough itself, which is widely regarded as a high tech cluster."

Timm Houltyby, Regional Incubation Manager at emda, added: "emda is delighted to be supporting the expansion of Loughborough Innovation Centre, which is playing a vital role in helping us support innovative businesses with high growth potential. Innovative companies grow faster, are more profitable and sustain higher performance than their non-innovative counterparts."

Strong demand is anticipated for the new units, which will be available from September 2004.

Student accommodation feasibility studies reach important stage

The University's studies into options for more on campus student accommodation have reached an important phase.

The four site options - Ann Packer building, car park seven, Elvyn Richards site and the 13 acre west campus site - have been considered in detail and the comments and suggestions of local residents have been thoroughly reviewed.

As a result of this work a potential new idea has emerged which would see development on some existing sports

pitches (Elvyn Richards and Cayley) and the relocation of these pitches to the 13 acre west campus site.

The latest developments were discussed with residents at a meeting held at the University on 27 April. Further consideration of the options will take place internally over the next few weeks and additional dialogue with residents is anticipated.

The initiative to increase the provision of on campus accommodation is the result of discussions with residents' groups in parts of

Loughborough and the Borough Council. It is hoped that up to 2,500 new bed spaces will be provided on campus.

Roy Hill, Loughborough University's Director of Estates Services, comments: "These feasibility studies have been comprehensive and the options we have come up with will now enable us to assess the best way forward for the University whilst taking into consideration the views of residents. The discussions we have had with local residents have been extremely productive and we are grateful for their contribution to this process."

Chartered Engineering status

The UK's premier professional engineering Institutions, the Institute of Mechanical Engineers and the Institution of Electrical Engineers, have recently approved the University's MSc in Renewable Energy Systems Technology as a matching section.

This means that graduates who have already completed accredited three-year undergraduate degrees can use satisfactory completion of the MSc as a direct route to Chartered Engineering status. The MSc is taught by staff at the Centre for Renewable Energy Systems Technology, which is based within the Department of Electronic and Electrical Engineering.

Community Fun Day 2004

Sunday 13 June is a date for the diary! It will see the Students' Union third annual Community Fun Day taking place on campus, in and around the Students' Union building.

The event aims to draw the diverse range of groups we have living in the Loughborough community together, producing a fun day out for all the family. Organisation of the day is well underway and all the indications are that this year's event will be bigger and better than ever before. There will be a bouncy castle, face painting, games, stalls and performances as well as a traditional Punch and Judy show and donkey rides and a fly past by the Red Arrows! The Territorial Army, Police and Fire Service will all be on hand with vehicles and equipment on display. Becky Warren, President of the Student Union said: "The list of events, activities and attractions for the day is growing rapidly and we'd like to invite all the University staff and their families to join us in having a fun and relaxing day."

Loughborough University Professor invited to a prestigious 'round table' discussion in Australia

A Loughborough University Professor has been invited to a prestigious 'round table' discussion on changing research practices in the digital information and communication environment.

The event is taking place in Australia and has been organised by the Australian National Scholarly Communication Forum (NSCF), with funding support from the Australian Department of Education, Science and Training.

Professor Charles Oppenheim from the University's Department of Information Science has been invited as one of only two outside experts to attend the discussion on June 1. He will join members of the four learned Australian Academies, the Australian Minister of Science, members of Research Councils and the Government, as well as the core constituents of the NSCF. These include Australian national bodies representing the academic community, independent researchers, authors, librarians, publishers and information technology specialists.

Professor Oppenheim's main task will be to persuade these key opinion formers that new approaches are needed in both scholarly publishing and in the assessment of quality of research output. He will give a 45 minute talk at the event and after will attend a dinner with the Minister of Science.

Widening Participation update

Key to the University's Widening Participation agenda, Aiming for a College Education Days (or ACE Days), have given significant numbers of students the opportunity to sample a higher education environment for the first time.



Over the course of the current academic year over 200 year nine students from schools in Loughborough and the surrounding area have taken part in an ACE Day here at Loughborough University.

An integral part of an ACE Day, as well as touring the campus and meeting current undergraduates, are the visits the students make to academic departments. Inevitably, these visits lead students to make direct comparisons with the learning

environments that they are experiencing at school or college, and as a result their eyes are opened to the opportunities available to them should they decide to continue in education.

Examples of academic sessions young people have recently taken part in during an ACE Day at Loughborough include a lesson in one of the University's Physics labs observing the effects of liquid nitrogen on a fully inflated balloon. Another example is a visit to Sports Technology within the Engineering Faculty. Here the students were given a hands-on demonstration of some of the processes currently being used to design and manufacture the latest in cutting edge sporting equipment.

Of course, not all subject areas are able to demonstrate cutting edge technology or fantastical experiments. In these cases an

interactive approach is just as effective. Visits to English have, in the past, allowed students to develop their creative writing skills, whereas a visit to University's School of Art and Design provides the opportunity to view a work in progress as they observe current undergraduates completing their final year projects.

Demonstrating the wonderful facilities that we have here at Loughborough is only part of what an ACE Day hopes to achieve. The key goal is to encourage those students who take part to imagine themselves in a university environment, recognising that such a future is not only attainable but also worthwhile. By giving these students the opportunity to spend quality time in a HE academic environment, such goals are more effectively achieved.

If you would like to get involved with ACE Days here at Loughborough, or would like further information please contact Mark Lister by calling 01509 222246 or email M.Lister@lboro.ac.uk. Alternatively more information can be found at www.lboro.ac.uk/wp

University reservist returns to work

Photo supplied by Tim Walton



Major Tim Walton, who spent six months in Iraq with the Territorial Army.

University building surveyor Tim Walton has returned to work after a six-month tour of duty in war-torn Iraq.

Tim, a Major with the Territorial Army's 508 Specialist Team Royal Engineers based in Camberley, was called up in June last year. After saying goodbye to family, friends and work colleagues Tim was flown to his posting at Basra International Airport in Southern Iraq.

Joining 62 Works Group Royal Engineers, Tim's job was to command a team involved in the design, procurement and supervision

of projects to improve living conditions for the British Military - initially by ensuring that electrical installations were safe and fitting air conditioning units. After this was completed his team's key task was to provide hardened accommodation for the majority of the British Forces for the coming summer. This included the construction of seven 500 men camps made up of portacabin style twin man living units, fully plumbed and serviced showers and flushable toilets. The camps also have their own water purification systems and sewage treatment plants making each a completely self-contained unit.

During his tour Tim worked all over the British area of operations, which extended from Uum Qasr and the Al Faw Peninsula in the south to Al Amarah in the north.

This was quite a change to his day job at Loughborough University, where he has worked for the last 15 years. His main role at the campus is as a project manager for new building and refurbishment construction works, but he is also a health and safety advisor and is involved in University lettings.

He said: "The deployment was challenging both in terms of acclimatising to the very high temperatures in the summer months - it reached 60.6 degrees celsius during August - and to getting used to the very rigid military regime, imposed to reduce exposure to the risk of ambush and attack.

"Professionally however, it was also very satisfying because the projects were completed to programme and also employed considerable numbers of local Iraqi workers who were only too pleased to be able to do meaningful work that also paid in US dollars, attracting considerable more spending power than the Iraqi Dinar.

"Now I have returned to work at the University it is business as usual - and I am incredibly grateful for the support my colleagues gave me before, during and after my deployment."

Roy Hill, University Estates Director added: "Tim took his civilian experiences to the Army and applied them in his usual professional way. He has returned and has brought back new methods he has learnt from the Army and we are gaining from his experiences. We are certainly pleased to have him back in one piece."

Work to support the career progression of women in science, engineering and technology recognised with national awards

A team from Loughborough has been honoured with two national awards in recognition of a decade of work to embed gender equality and diversity at the University.

Professor Barbara Bagilhole, Carys Siemieniuch and Kashmir Bolla received the Royal Society Athena Award and the Equality Challenge Prize at a ceremony held at the Royal Society in London. The presentation was made by Cynthia Warner, BP regional vice president of International Refining, and Sir Keith O'Nions, director general of Research Councils.

In their formal presentation and competitive interview for the awards, the team showed the chronology of the University's initiatives and activities since the nineties, which illustrated a pace of change and impact that has increased year on year. They also demonstrated how Loughborough's achievements reflect its long standing commitment to ensure that such initiatives are embraced in the University's organisational structures, policies and working practices, backed up by research into the area.

Professor Bagilhole says that the hard work undertaken at Loughborough in this area by

many committed individuals is yielding positive results. "In science, engineering and technology between 1999 and 2003, there has been an increase of over 5 percent in women lecturers and senior lecturers. Importantly, our involvement in the Athena Project has made an important contribution to meeting the objectives of our Human Resources Strategy," she comments.

The team recognises that the progress made at Loughborough would not have been possible without the commitment of the Vice Chancellor, Professor David Wallace, among whose

personal performance targets was the aim to increase the quantity and quality of women in science, engineering and technology.

Speaking at the awards ceremony, Professor Wallace thanked everyone at the University who contributed to this prestigious achievement. He said: "It is overwhelmingly in our interests to support diversity at Loughborough. This is not only because we would otherwise be failing in our responsibility to applicants, as well as our staff and students, but the University would also be losing out by failing to avail itself of the best people."

Honorary degrees announced

The University is pleased to announce that honorary degrees will be awarded to the following people this year, in recognition of the outstanding contributions they have made to industry, academia, business, sport, the arts and society.

Professor Alexei Abrikosov

Leverhulme Visiting Professor in the Department of Physics and joint recipient of the 2003 Nobel Prize in Physics
Honorary Doctor of Science (Hon DSc)
For pioneering contributions to the theory of superconductors and superfluids

John Atkinson

British Gymnastics Performance Director
Honorary Doctor of Technology (Hon DTech)
For services to British Sport and Loughborough University

Heather Crate

Founder and fundraiser for the 'Steps' charity
Honorary Doctor of the University (Hon DUniv)
For commitment and dedication to children with cerebral palsy and their families

Dr John Dixon

Vice President of Discovery at AstraZeneca
Honorary Doctor of Science (Hon DSc)
For outstanding contribution to the advancement of medical science, and to the economy of Charnwood

Sir John Gains

Chief Executive, John Mowlem, President of the Construction Confederation, and graduate of the University
Honorary Doctor of Technology (Hon DTech)
For contributions to the construction industry

Sir Michael Latham

Chairman of CITB-ConstructionSkills
Honorary Doctor of Technology (Hon DTech)
For outstanding contribution to the competitiveness of the construction industry in the UK and internationally

Professor Zhi-Ming Ma

Professor from the Chinese Academy of Sciences
Honorary Doctor of Science (Hon DSc)
For contributions to mathematics and exceptional services to the mathematics community

Derek Mapp

Chairman of the East Midlands Development Agency (emda) and Visiting Professor in the Business School
Honorary Doctor of Technology (Hon DTech)
For leadership in business and commitment to the East Midlands

Ernest O Maxwell

Former President of the Alumni Association, lay member of Council and Diplomate of (former) Loughborough College
Honorary Doctor of the University (Hon DUniv)
For contributions to the Alumni Association and the governance of the University

Professor Jim Miller

Recently retired Professor of Analytical Chemistry at the University and former Senior Pro Vice Chancellor
Honorary Doctor of Science (Hon DSc)
For outstanding service and contribution to the University, and his distinguished career in analytical chemistry



Professor Zhi-Ming Ma is pictured at his honorary degree ceremony alongside the Vice Chancellor Professor David Wallace (left) and Sir John Jennings.

Professor Harry Thomason

Recently retired Pro Vice Chancellor for External Relations and former Senior Pro Vice Chancellor
Honorary Doctor of Science (Hon DSc)
For outstanding service and contribution to the University, including the development of links with industry

Polly Toynbee

Guardian Columnist
Honorary Doctor of Letters (Hon DLitt)
For a distinguished role in drawing public attention to issues of poverty, low pay and inequality

Professor Helen Wallace

Director of the Robert Schuman Centre for Advanced Studies, European University Institute, Florence

Honorary Doctor of Letters (Hon DLitt)
For contributions to the development of European Studies in Britain and the wider world

Sir Clive Woodward OBE

Former student, and manager of the England rugby team
Honorary Doctor of Technology (Hon DTech)
For his outstanding contribution to the development of rugby in England

Professor Alexei Abrikosov, John Atkinson, Heather Crate, Dr John Dixon, Sir Michael Latham, Derek Mapp, Ernest Maxwell, Professor Harry Thomason and Professor Helen Wallace are due to receive their honorary degrees at the summer ceremonies in July. Sir John Gains, Professor Jim Miller and Polly Toynbee are scheduled to receive their honorary degrees at the winter ceremonies in December. Sir Clive Woodward is due to receive his honorary degree at a special ceremony in October.

Professor Zhi-Ming Ma received his honorary degree at a special ceremony held at the Sir Denis Rooke building on 10 May. The ceremony was followed by a series of guest lectures given by Professor Zhi-Ming Ma, Professor Aubrey Truman of Swansea University and Professor Terry Lyons from Oxford University.

Library receives major boost

An appeal launched by the Development Office to raise funds for additional key textbooks for the University Library has been hailed a major success.

With the financial situation for students getting more difficult, many are using the Library on occasions, where in the past, they may have purchased a given book. Because of this extra pressure on Library facilities an appeal was set up to try and raise £20,000, which would enable the Library to buy 650 texts.

The appeal received outstanding backing from a small group of 'Founding Supporters' who pledged to match any other gifts



Vice Chancellor Professor David Wallace hands over the cheque for £22,587 to Mary Morley, the Librarian in the company of some of the Founding Supporters.

received. Their support, plus donations from 150 Alumni, meant the appeal raised a magnificent £22,587. This meant the Library could purchase 730 multiple copies of key texts, which is a tremendous achievement.

One Alumnus who backed the appeal said: "It kind of feels like I am 'paying back' a little to the good start in life that I was afforded as a result of some of the rich learning, not all from books I hasten to add, that I received while at Loughborough."

In presenting the cheque to the Librarian, the Vice Chancellor Professor David Wallace as Chairman of the Development Trust expressed his warm thanks to all who had contributed to the appeal. He also expressed the belief that this sort of philanthropic support would become increasingly important to universities in the future.

Loughborough University building links with Indian industry

Scientists at the University are working with an Indian-based motorcycle manufacturing company to offer its staff the chance to learn new skills and gain qualifications.

John Harper, head of the Institute of Polymer Technology and Materials Engineering (IPTME) recently visited the TVS Motor Company, based in Bangalore, to discuss the possibility of offering on-site learning for its employees. Whilst at the factory he toured the company's advanced research and development and manufacturing facilities, and also discussed the possibility of joint research projects and consultancy work with the firm.

The visit followed a highly successful weeklong course held at the factory in June last year. Four members of staff from the Institute were flown over to India to teach a module on Materials Selection for

Automotive Applications. More than 25 employees took part in the short course, and it is now hoped similar study weeks can be held this year.

Mr Harper said: "Obviously it is not always practical or economical for companies to send a large proportion of their workforce to study in the UK. At IPTME we offer firms like TVS the opportunity to give staff training through on-site courses. This is of obvious benefit to the company, but also means we develop a relationship with them which can lead to research opportunities.

"The senior managers at TVS were extremely pleased with the course we ran for them last year and are confident similar professional development training can be offered in the future. They said they were impressed by the teaching quality and knowledge of the team we sent over, and are also now considering other ways in which we could work together."

Imago opens its new sales office

imago, the new brand under which the conference and events facilities are sold at Loughborough University, has just opened its new sales office on campus.

The imago sales team has moved into the recently refurbished premises formerly known as University House. The new sales office will provide the meeting point for prospective customers and from here, the sales team can embark upon the customer tour of imago facilities, which now encompasses the general campus, known as imago at Loughborough, part of the Sir Denis Rooke building, known as imago at Holywell Park, imago at Burleigh Court and some of the finest sports facilities in the country. The sales team sell University facilities during vacation times plus Holywell Park and Burleigh Court all year round.

Headed by Donna Naylor, Commercial Marketing Manager, the team includes a sales unit with two sales executives, one sales support assistant and Business Development Manager Emma Boynton. It also has an event coordination unit, with seven conference and event coordinators, one conference and events admin assistant and Lucy Swift, Conference and Events Manager. The sales office has a boardroom that can seat 10, plus a facility for audio-visual equipment.

For your important associate dinners, key meetings or private dining, do give imago a call to discuss your requirements on 0845 0364624.

Race for Life

For the last five years the University Library has entered a team for the Race for Life at various local venues in Leicester, Nottingham and Loughborough, raising between £500 and £750 for Cancer Research UK.

For the second year running the event is being held at the University and the 'Pilkington Plodders' Library team would like to raise more money than ever. If you would like to sponsor the team please contact Laurie Salemhamed by calling 01509 222351 or emailing l.a.salemhamed@lboro.ac.uk

Aeronautical & Automotive Engineering

Grant in Aid of Research for Project SPRAY

Dr G Wigley
£9,939 Siemens VDO, Italy.

External Aerodynamics for Lean Module Injectors

Dr P Denman
£23,676 Rolls-Royce plc.

Operating Strategies for New Generation Homogeneous Charge DISI Engines with Fully Variable Valve Control

Dr G Wigley & Prof C P Garner
£230,153 EPSRC

Business School

Toyota Training Needs Assessment (TNA)

Mr G M Reed & Prof J M Saker
£68,074 Toyota Motor Marketing Europe, Brussels

Toyota Training Needs (TNA) (AWARD INCREASE)

Mr G M Reed & Prof J M Saker
£14,125 Toyota Motor Marketing Europe, Brussels

Study: 'Impact of Downsizing on UK Firms' Innovative Output'

Dr K Mellahi & Prof A Wilkinson
£42,090 ESRC

Further Development of a Health and Safety Performance Management Index for Use by Business, Investors, Employees, the Regulator and Other Stakeholders : Validating the Index.

Mrs D Walker and Dr A Cheyne
£60,200 Health & Safety Exec.

Chemical Engineering

Flux Response Technology : Innovation, Dissemination and Exploration

Dr G Mason, Prof B A Buffham, Dr I W Cumming and Dr K Hellgardt
£288,500 EPSRC

Chemistry

Factors Affecting the Accuracy and Precision of LA-ICP-MS
Dr B L Sharp and Dr H J Reid
£54,000 LGC Limited/ VAM/ DTI

Civil & Building Engineering

Prof A Price, Dr A G F Gibb and Dr A R J Dainty
£52,645 EPSRC(IMRC)
Freeform Construction
Prof A Thorpe, Dr A G F Gibb, Dr Edmund-Fotwe and Dr R Soar
£53,679 EPSRC(IMRC)

Development of a Database of Construction Focused/Related Groups in the East Midlands

Dr A R J Dainty and Dr S G Ison
£10,000 Construction Industry Training Board (CITB)

Development of Highly Effective and Very Low Energy Space Cooling System for Buildings

Prof D L Loveday
£170,133 The Carbon Trust

Computer Sciences

East Midlands E-Science Centre for Collaborative Environments.

Prof R S Kalawsky
£50,000 DTI

Reality Grid: Doctoral Training Account

Prof R Kalawsky & Dr S Kenny
£44,700 EPSRC

CRSP

Britain's Poorest Children Phase 2 : Project 1 Updating Phase 1

Ms S Middleton and Miss L P Adelman
£21,350 Save the Children Fund

Evaluation of Education Maintenance Allowance Pilots (EMA) Cohort 2 Wave 4

Ms S Middleton & Dr S Maguire
£266,318 Department for Education and Skills (DfES)

Design & Technology

Exploring the elements that make an effective web-based science lesson.

Mr J Twidle
£10,000 BECTA

Economics

University-Industry Cooperation, Knowledge Transfer and University Funding

Dr J A Poyago-Theotoky
£28,367 ESRC

Electronic & Electrical Engineering

Ambient Pressure Removal of Infective Protein Residues from Medical Instruments

Dr M G Kong
£635,548 Dept of Health

Venox Development Phase II (AWARD INCREASE)

Prof P Smith
£109,000 BTG plc

Thin Film Silicon Deposition for Low Cost PV Applications

Dr M Boreland & Prof D Infield
£15,000 ICP Solar Technologies Ltd. & Plasma Quest Ltd.

PV Supergen - PV Materials for the 21st Century

Dr M B Boreland
£471,330 University of Wales

System for the Detection of TCP Based Applications

Prof D J Parish
£5,000 BTG plc

An Integrated Approach to Fault Tolerant Systems

Dr R Dixon
£22,500 BAE Systems (EPSRC Industrial Case Award)

Magnetically Insulated High-Voltage Transformers

Prof I R Smith & Dr B M Novac
£175,545 EPSRC

Human Sciences

Forecasting the Nation's Health

Prof K Morgan, Dr R Haslam and Dr G Havenith
£10,000 Help The Aged

IPTME

SUPERGEN 2 - Conventional Power Plant Lifetime Extension Consortium

Prof R C Thomson
£530,001 EPSRC

Re-engineer all Standard Furnace Products

Mr J F Harper, Dr R L Higginson and Dr S Hodgson
£113,344 TCS/Elite Thermal Systems Ltd.

Research Network for the Sustainability of PVC

Dr N L Thomas & Prof M Gilbert
£59,110 EPSRC

Theoretical Neuroscience Network

Dr J R Terry
£78,600 The Leverhulme Trust

Mechanical & Manufacturing Engineering

Investigate the Cooling of Liquid Filled Transformers Using Computational Fluid Dynamics

Dr W Malalasekera
£48,000 Brush Transformers

Plastic Deformation of Ultrasonic Consolidated Aluminium Specimens

Dr R Soar & Prof P M Dickens
£51,350 EPSRC(IMRC)

High Speed Sintering of Powders

Dr N Hopkinson, Dr P Erasenthiran, Prof P Dickens and Dr I Ashcroft
£264,751 EPSRC(IMRC)

Modelling of the Airflow and Heat Transfer in the through air bonding Process

Dr M Acar & Dr W Malalaskera
£26,638 Nonwoven Cooperative Research Centre, North Carolina State University, USA

Liquid Solder Interconnects for High Temperature Applications

Mr D C Whalley, Dr D A Hutt and Mr P P Conway
£86,326 EPSRC

Politics, International Relations & European Studies

Evaluation of ESF Scheme for European Collaborative Research Projects in the Social Sciences

Prof L Hantrais
£14,726 European Science Foundation

School of Sport & Exercise Sciences

Milk and Sports Nutrition
Dr S Shirreffs, Prof R Maughan, Prof C Williams, Prof M Gleeson and Dr N C Bishop
£218,054 Milk Development Council

Supporting Gifted and Talented PE and Sports Pupils in Schools

Dr M E Nevill and Dr J G Morris
£24,500 Youth Sports Trust

Core Funding for Centre

Mr L Almond
£371,031 British Heart Foundation

Social Sciences

Choice Protects - Development of Practice Tools.

Ms L Holmes and Dr H Ward
£6,000 Department for Education and Skills (DfES)

Understanding Carers Assessment in Nottinghamshire: Content, Process and Outcomes

Prof S Becker and Mr R Silburn
£30,000 NAVO (Networking Action with Voluntary Organisations)

Systems Engineering

Vortices
Mrs C Siemieniuch and Mr M A Sinclair
£119,461 EPSRC(IMRC)

WEDC

Contract Ref: GLO/99/G58 - Public Private Partnerships (AWARD INCREASE)
Dr M Sohail
£16,780 United Nations Office for Project Services

Social Sciences host annual Criminology Training and Development Workshop

Three Postgraduate Research students within the University's Department of Social Sciences organised the fourth annual Criminology Training and Development Workshop for postgraduates.

The Workshop took place from the 29 – 31 March and was held in Hazlerigg Hall. It was principally organised by Kerry Sheldon, a full-time PhD student who is currently in her second year researching the differences between contact and non-contact sex offenders. Ms Sheldon was assisted by part-time student Debbie Eagle and fellow full-time research student Wendy Nicholls.

The Workshop was funded by the Economic and Social Research Council (ESRC). Its aim is to provide postgraduates of various disciplines within the field of Criminology with experience in conducting a workshop or seminar, and also to help them develop contacts within the postgraduate community to allow them to promote their own research.

Ms Sheldon said: "For students thinking of embarking on a career in academia, early experience of presenting this type of presentation to like-minded people is invaluable. Good research dissemination is vital, and it is only through workshops of this nature that students can acquire the skills needed to achieve this."

In his welcoming talk Professor Graham Farrell, who recently joined the University in January as Professor of Criminology, welcomed all 40 postgraduate delegates. After congratulating the organisers of the workshop he also discussed the importance of Criminology as a

subject, before outlining some of the research that has led to the Social Sciences Department at Loughborough being consistently rated as one of the top departments in the country for its discipline.

Postgraduates attending the Workshop came from Ghana, India, Croatia, America, Canada and the UK, offering a true international flavour to the event. Workshops lasted for 60 minutes and seminars for 30 minutes, and overall the standard was excellent with all speakers being extremely well prepared.

Ms Sheldon added: "Nobody faulted the workshop, accommodation, catering, or content. I'm very pleased for everyone that it proved such a success. One of the most important things that I'll take away from this is that you're not alone in the trials of studying for a PhD, and that fellow research students all face the same anxieties that you have, which is quite reassuring."

On behalf of the Workshop organisers, Ms Sheldon wished to thank everyone who was involved in ensuring that the event ran smoothly, including Professor Peter Golding, Head of the Social Sciences Department; Professor Graham Farrell for opening the Workshop; Dr Dennis Howitt, Reader in Applied Psychology; Social Sciences Postgraduate Administrator, Deirdre Lombard; the ESRC and the members of the University's Catering services.

Wolfson School prize winners

The University's Wolfson School is celebrating the news that several of its staff and students have recently won awards.

Monica Savalani, PhD student of Russ Harris, won the prize for best student poster at Medilink East Midlands 'Healthcare Innovation in the East Midlands' event for her work on Rapid

Manufacturing for Medical Implants. The event was held on campus at the Ford College on 29 April.

'Fuzzy logic control for use in in-pipe mobile robotic system navigation' by J K Ong, K Bouazza-Marouf and D Kerr, which was published in the Proceedings of the Institution of Mechanical Engineers Journal part I, volume 217, was selected by the

Editorial Board of the journal for the 2003 PE Publishing Award.

And Richard Hague's paper 'Design opportunities with rapid manufacturing' published in Assembly Automation, Volume 23 has been selected by the editor and editorial team for a Literati Award for Excellence 2004 as the winning paper for the 2003 volume.

Loughborough University Professor honoured by the Royal Society of Chemistry

A Loughborough University professor has been awarded a prestigious medal by the Royal Society of Chemistry.

Professor Jim Miller, who is based in the University's Department of Chemistry, was presented with the society's SAC Gold Medal on May 11 at a special ceremony held on campus at Burleigh Court. The presentation coincided with the annual meeting of the society's Analytical Division.

The SAC Gold Medal is awarded biennially to an analytical chemist for contributions to all aspects of analytical chemistry in Britain and Ireland. It is a great honour to receive the award and marks an outstanding achievement.

Professor Peter Warwick, head of Loughborough's Department of Chemistry said: "I am delighted that Professor Miller has been awarded this medal – it is thoroughly deserved."

Wedding

Elaine Slater was joined by her colleagues from the Management Development Centre, based in the University's Business School, to celebrate her marriage to David Keen. The ceremony took place on campus at Hazlerigg Hall.



Highly esteemed scientist gives annual lecture

The highly esteemed scientist Professor Arndt Simon paid a special visit to the University earlier this month to give the tenth annual Sir Nevill Mott Lecture.

The lecture is hosted by the Department of Physics and was started in 1995 when Sir Nevill visited the Department and presented a lecture entitled '65 Years in Physics'. The lecture was a great success and Sir Nevill kindly permitted his

name to be associated with an annual lecture series to be given by distinguished invited speakers. Sir Nevill sadly passed away in 1996.

Professor Simon is based at the Max Planck Institute in Stuttgart, Germany, and the title of his lecture was 'A glimpse into sub-nanostructures'. It was followed by a second lecture, in which Professor Simon talked about his hobby collecting old clocks and watches.

Students sweep the board at textiles awards

Textiles students from Loughborough's School of Art and Design have achieved outstanding success in the annual Bradford Textile Society Design Competition.

Second and third year undergraduates studying Woven and Printed Textiles competed against students from universities and colleges throughout the UK to win 10 prizes and seven commendations.

In the category of design of woven fabric for women and

menswear, Rebecca Doherty won first prize and Golnaz Mashayekhi, Ameet Matu and Tanya Carlton were commended. First and second prize in the Allertex award for a woven fashion was awarded to fellow weave students Jennifer Holsy and Hannah Livermore, and Gemma Spruce was awarded second prize in the British Wool Textile Export Corporation Award.

Amy Woodman and Kerry Stokes won second and third prize respectively in the category of knitted or woven fabric for interior textiles and

Danielle Hensby was commended. Another weave student, Abigail Kennedy, won second in the 'Crossing the Boundaries' section whilst third prize went to printed textiles student Gemma Westland.

Printed textiles student Jeanette Newcombe won second prize in the 'Prestigious Textiles' open competition and third prize for her work in the category of design for carpets/rugs. Commendations were also given to printed textiles students Emily Jones and Jenny Smith for fashion design apparel on 100 percent

natural fibre fabric and to Olivia White in the 'Prestigious Textiles' open competition.

Dave Johnson, programme leader for Printed Textiles, said: "The students have all worked hard and done fantastically well, especially as some of our students are in their second year competing against third years from other universities. National competitions such as the Bradford Awards give our students the opportunity to develop their work and be judged by distinguished design professionals."

Sixth annual International Day a massive success

Thousands of people visited the sixth annual International Day, which was held at the Students' Union in April.

The cultural event is organised by the Union's International Students' Association, and its aim is to increase the profile of international students and to promote a better understanding between the international and local communities living in the East Midlands. More than 60 nations were represented at the 2004 event, with students displaying food, arts and photographs from their home countries. The winner of the best stand competition was Saudi Arabia. For more information about international students at Loughborough, please visit <http://www.isa-lboro.org.uk>

Photo courtesy of Peter Beaman



Visitors crowd round the Ghana stand at the 2004 International Day.



Countdown to Olympics continues with Loughborough international athletics match

Tickets are now on sale for the Loughborough International Athletics Match, the traditional curtain raiser to the outdoor athletics season.

The meeting, which will be held at the University on Sunday 6 June, brings together teams representing Loughborough Students past and present,

GB International Select, GB Under 20s, Ireland, Scotland and Wales.

The match last year showcased some of the country's leading athletes, including Christian Malcolm, Jason Gardener, Iwan Thomas and Lorraine Shaw. This year's event will provide an opportunity to see some of those in contention for a place at the 2004 Olympics in Athens.

George Gandy, Loughborough's Director of Athletics and the meeting director, said: "The Loughborough International Athletics Match will offer an early opportunity for both the established stars and the up-and-coming athletes to make their mark in what will be an important season."

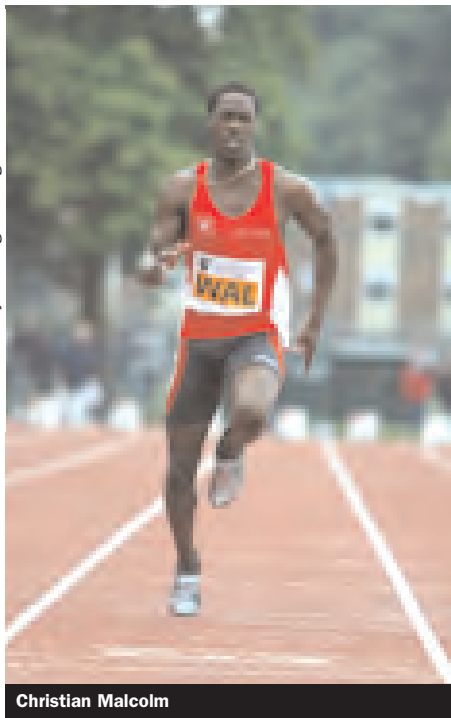
Among the past and present Loughborough athletes hoping to head off to Athens in August are Paula Radcliffe, Steve Backley, Chris Rawlinson, Kemel Thompson (Jamaica), Hayley Tullett, Lee McConnell, Ricky Soos and Goldie Sayers.

Tickets for the Loughborough International Match can be purchased from



Athletes in action during the steeplechase

Photo courtesy of Loughborough Students' Union



Christian Malcolm

Photo courtesy of Loughborough Students' Union

Loughborough Students' Union shop, Loughborough EIS swimming pool reception, Loughborough University Fitness Suite (LUFS), and the main Sports Reception.



One hundred years of Leicestershire football history broken by Loughborough Dynamo

Loughborough Dynamo have completed an unprecedented treble by winning the Beacon Bitter Cup (League Cup) to add to the League title and County Cup that they had already won earlier in the season.

Loughborough played Rothley Imperial who they had beaten 48 hours earlier in the Charity Cup semi final at Nanpantan. Having already beaten Rothley in two previous semi finals,

Dynamo were confident that they could complete a treble over their Charnwood rivals.

The opening 15 minutes saw Dynamo play some good football and early chances for Abi O'Thomas (second year, Computer Science) and Will Deamer (third year, Loughborough College) could have given Dynamo the lead. A free kick from Adam Wigley (Alumni) lead to Sean Francis (second year, SSES) heading home to give Dynamo the lead.

The rest of the first half saw both teams cancel each other out.

The second half saw Rothley take control and put pressure on the Dynamo goal but the defence stood firm. On 60 minutes Adam Wigley played captain Dave Hunt (third year, Loughborough College) in down the side of the wall on a free kick to give Dynamo a two goal lead. Dynamo then wobbled and Rothley got themselves back in the game again, but

this was not enough as Dynamo ran out 2-1 winners.

Manager James Ellis said: "This is an achievement that no other club in Leicestershire has achieved in decades of football. To win the League is a tremendous achievement, but to also win two cups runs has made this a truly memorable season. The players have mentally and physically been the best side all season and they deserve all the accolades they are going to receive."

Remembrance



Miscellaneous sales

Printer, Hewlett Packard Laserjet 5P, boxed with leads, manuals etc, needs toner cartridge, excellent condition – £125 ono; Nathan Vaughan, Email N.M.Vaughan@lboro.ac.uk

A genuine **antique map or print** makes a novel Father's Day present. British Isles and County maps available, also topographical and humorous prints; T: 213334.

Miscellaneous wants

Croquet. Superb croquet club with five of the best lawns in the midlands in a lovely setting beside Nottingham university is looking for more members. Coaching courses for beginners are available in May and June,

with all equipment provided. Come and try it! Contact Roger Berkeley, T: 890424 or Email R.L.Berkeley@lboro.ac.uk

Accommodation wanted. Visiting female Research Fellow from Sweden seeks rented, furnished accommodation (self-contained) for five weeks from 6 Sept to 8 Oct 2004. Ideally in vicinity of University. If you can help please contact Prof Peter Golding, T: 223390 or Email P.Golding@lboro.ac.uk

Volunteers wanted. Do you suffer from moderate to severe Asthma? Are you a non smoker aged between 18 & 65 years? If so you may be eligible to take part in a clinical research study investigating a new (non drug) treatment for asthma. For more information contact Nicola Sheldon, T: 0116 256 3067 or Email clinical.trials@uhl-tr.nhs.uk

Tony Higgins

It is with great sadness that we report the death of Tony Higgins, who was a Senior Assistant Registrar at the University between 1979 and 1984.

Mr Higgins, who went on to become the Chief Executive of the Universities and Colleges Admissions Service (Ucas) passed away on 16 April, aged 59.

Our condolences go to his two children, family and friends.

Have you got a story to tell?

Have you got news that you would like to share with the rest of your colleagues at the University? Or perhaps information which may be of interest to the media?

If the answer is yes then please get in touch with the University's Publicity Office by calling 01509 228697 or emailing J.L.Smyth@lboro.ac.uk

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Tuesday 1 to Thursday 3 June School of Art and Design Foundation Final Assessment Show From 10.00am

Exhibition of work by 200 pre-degree Diploma in Foundation Studies in Art and Design students. 12 Frederick Street, Loughborough.
Further details from Sandra Leeland, T: 01509 228934.

Tuesday 1 June Loughborough Enterprise Club 5.00pm

Business advice for start-up companies. Loughborough Innovation Centre.
Further details from Fleur Stanford, T: 01509 228684.

Saturday 5 to Tuesday 8 June School of Art and Design Degree Show 10.00am to 5.00pm

Exhibition of work by 260 finalist degree students. Areas include Textiles, Fine Art, 3DD, Illustration, Graphic Communication, History of Art & Design. Many items for sale. LUSAD, Epinal Way.
Further details from Sandra Leeland, T: 01509 228934.

Industrial Design and Technology Degree Show 10.00am to 5.00pm

Exhibition showcasing the work of graduating students from the Department of Design and Technology. James France Exhibition Hall. Further details from Sue Green, T: 01509 222652.

Sunday 6 June Loughborough International Athletics 11.00am

Loughborough International Athletics Match – Loughborough (past & present) v GB International Select v GB U20s v Wales v Scotland v Ireland. Athletics Stadium. Adults: £6, Students: £4, Concessions: £4. Tickets available from Student Union Shop and Sports Reception.
Further details from Helen Nassau, T: 01509 226149.

Sunday 13 June Community Fun Day 11.00am to 5.00pm

The Students' Union will be holding it's third annual Fun Day. An opportunity for all the local community to come together on the campus and enjoy a fun family day out. Attractions will include donkey rides, bouncy castle, five-a-side football and much more. Loughborough Students' Union. For more information or to host a stall or display contact Becky Warren, T: 01509 635000.

Thursday 17 June University Open Day 11.00am to 4.00pm

An opportunity for prospective students, their parents and teachers to have a look around the University, its academic and leisure facilities and obtain information on all study options. Displays, demonstrations and talks will be taking place across the University. University campus. Further details from the Admissions Office, T: 01509 223522.

Sunday 27 June Race for Life 11.00am

Charity 5km run/walk for Cancer Research UK. Around the University's campus. For further details contact Helen Nassau, T: 01509 226149.

Tuesday 6 July Loughborough Enterprise Club 5.00pm

Business advice for start-up companies. Loughborough Innovation Centre.
Further details from Fleur Stanford, T: 01509 228684.

Monday 12 to Friday 16 July Wind Power Technology 9.00am to 5.00pm

Five-day course presenting the key state-of-the-art aspects of wind power technology and its applications. Holywell.
For further details contact Allison White, T: 01509 223466.

