

Largest ever research award

Loughborough receives over £14 million to host UK's largest Innovative Manufacturing Research Centre

Loughborough has been selected by the Engineering and Physical Sciences Research Council (EPSRC) to host the UK's largest Innovative Manufacturing Research Centre (IMRC). The Loughborough Innovative Manufacturing and Construction Research Centre will receive funding of £14.4 million over the next five years – the largest-ever award received by the University.

The Research Centre will bring together a multi-disciplinary group of over forty academic staff undertaking leading-edge collaborative research to enhance the processes, products, and competitiveness of the UK's manufacturing and construction industries. As the largest of twelve centres announced, its scope will be wide, covering aspects of technology, business and organisational performance, and human factors.

The key objectives of the Centre are to:

- define and develop high

quality research projects that meet the needs of industry, its clients and customers, and enhance the knowledge base

- forge close partnerships with existing and new industrial collaborators in addressing their core technical and business needs
- disseminate research findings widely and to actively engage in technology transfer to industry
- collaborate with other cognate research groups in the UK in order to collectively advance UK

manufacturing and construction engineering

- strengthen and exploit established links with other leading international research groups

Professor Tony Thorpe, Director of the Research Centre, said of the announcement, "The establishment of the IMRC at Loughborough acknowledges our research strengths in manufacturing, construction and related sectors. The Centre is unique in the breadth of academic skills available and the range of companies with whom we collaborate."

Polymer guitar strikes a chord with NESTA!

Design and Technology's Eddie Norman has received a prestigious NESTA (National Endowment for Science Technology and the Arts) Invention and Innovation award of £50,000 to develop a fashionable, affordable and high quality plastic (polymer) acoustic guitar. The funding will enable Eddie to take forward a project he began in 1995, in collaboration with Dr Owain Pedgley, a former PhD student.



(L-R standing) Dr Owain Pedgley, Eddie Norman, Dave Beech of PU moulding design company, Beechcraft, and (seated) luthier Rob Armstrong.

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Eddie's interest in the development of a low cost, radically designed, student-friendly guitar was triggered when he was looking for a guitar for his daughter. He found that learner instruments were quite expensive (retailing from £70 upwards), traditionally styled, offered dubious sound quality and often used rare tropical hardwoods. Eddie's own experience had taught him that learners need a quality instrument that's easy to play.

This spurred him to set up a research project, which Owain Pedgley completed for his PhD, to find a completely new design and method of producing guitars. The research identified an innovative method using a relatively low cost polymer, which has since been granted a patent.

The new instrument will be affordable – if mass-produced it could have a retail price of less than £70 – and distinctive enough to grab the imagination of potential musicians who might never have considered picking up a guitar. In addition, the underlying polymer technology can be applied to other stringed musical instruments, including violins. The eventual aim is to lay the

foundations for a new generation of radically designed, polymer instruments that could change the traditional image of acoustic instruments and result in a 'new industry'.

Eddie and Owain worked closely on their project with the internationally-renowned guitar maker Rob Armstrong, who is an advocate for the polymer guitar and provides on-going consultancy support.

The team has so far produced two prototypes that were considered by the market to be 'very promising' and to have 'considerable potential'. However, the relatively high investment cost for transforming the conceptual prototypes into a commercial product has prevented the project reaching a stage of licensing to an existing guitar/musical instrument manufacturer.

No other competitor technologies or instruments offer such an exciting combination of low cost, good

sound, good playability and high desirability. Eddie and his team will use the NESTA award over the next 18 months to ready the guitar for the marketplace. They will coordinate the manufacture of pre-production prototypes, commission market research, evaluate the use of the instruments by children and develop a business plan. The well-known folk guitarist Gordon Giltrap, who endorsed the guitar after recording a composition using the prototype, will also contribute to a CD showcasing the instrument and perform at a launch concert.



Rendered CAD representation of the manufactured prototype.

Trio of visits to Loughborough

A host of prestigious people have visited the University over the last few months, beginning in August, when three generations of former vice chancellor Elyn Richards's family came to Loughborough.

With Emeritus Professor Len Cantor as host, the family visited parts of the University which would have been familiar to Elyn Richards, including University House where he and his family lived during his term of office from 1967 to 1975. They also visited the Hall of Residence named after the professor, and had lunch with former hall warden David Ayres, who knew Professor Richards well. Their visit concluded with a tour of the Wolfson and Stewart Miller buildings.

Then on 29 October the High Sheriff of Leicestershire, Mr Michael Sandell, and his wife visited campus. After being shown around the Library, Mr and Mrs Sandell were taken on a tour of PE, Sports Science

and Recreation Management, hosted by Head of Department Professor Stuart Biddle. "It was wonderful to have the opportunity to tour the Library, and our visit to the Department of PE was particularly interesting," said Mr Sandell, who also met RAG Chair Mandy Stace during the day.

Finally, on 7 November the University welcomed two officials from the Embassy of the People's Republic of China – First Secretary Mr Song Bo and Education Counsellor Mr Li Wangrong, who were treated to demonstrations in the Department of PE, and visits to Aeronautical and Automotive Engineering and the Ford College.

Turning research into business

Loughborough is celebrating its part in awards worth some £12 million for the region's universities from the Government's science jackpot to exploit expertise in higher education.

In April, institutions were invited to bid for cash support to further exploit their research potential and forge stronger links with industry. The Government's agreement in principle to award up to £12 million demonstrates its confidence in the East Midlands universities' outstanding research base and their potential to encourage innovation through the transfer of knowledge and expertise in the world of business. This is the first time that the region's universities have joined together to bid for Government funds to encourage innovation and wealth creation in the East Midlands.

The funds will be used to transform good university research into good business, for the benefit of the region. They will help nurture early stage technologies in the partner institutions, enabling them to become established and realise their potential for high growth. All of the region's universities have a strong tradition of encouraging innovation and have the infrastructures in place to enable successful transfer of technology into spin out companies. Loughborough itself has the highest spin out rate per research pound of any UK university.

Among other projects to encourage innovation in the region, the funds will enable Loughborough to build on its highly successful ten-year relationship with Europe's largest aerospace and defence

company, BAE SYSTEMS. Together they aim to establish a network with the region's hi-tech companies to retain and strengthen expertise in the East Midlands.

First-class research base

News of the funding was welcomed by Pro Vice Chancellor for External Relations Professor Harry Thomason. "The East Midlands is fortunate to have a strong group of universities with a first-class research base. These funds will enable Loughborough, together with our partner institutions, to convert its wealth of knowledge and expertise into good business. We see this initiative as a key element in our strategy of ensuring the East Midlands becomes a top 20 European region by the year 2010."

A flourishing finale

Outstanding teaching quality score for European Studies

Loughborough has secured its position as one of the top four teaching universities in the country, with the Department of European Studies, incorporating Politics and Languages, achieving a score of 23 out of 24 in the University's final external teaching quality assessment under the current system.



The Government-appointed reviewers probed the learning experience of the Department's present and past students, and were impressed by the range of the curriculum, the variety of teaching methods, the approachability of the staff, and the quality of the learning resources.

They particularly praised the opportunities for study abroad, and the outstanding success of graduates in achieving employment, with a substantial number making use of their language skills, which were enthusiastically received by employers.

Deputy Vice Chancellor Professor Ron McCaffer said of the result, "I am proud of the Department's achievement, and my congratulations go to Professor Michael Smith and his colleagues on maintaining Loughborough's excellent record in external subject reviews."

Professor Smith in turn acknowledged the contribution of the University's Quality Enhancement Unit and paid particular tribute to the efforts of Dr Paul Byrne, who worked tirelessly to coordinate the Department's preparation for what was a very demanding but ultimately rewarding review.

They're in the money!

Two lucky members of staff are celebrating a pre-Christmas windfall, after winning this year's November and December 250 Club prize draws.

The Club, which raises funds to support the University's sports scholars, recently received a major boost, with the announcement that Gill Cooke Personnel Ltd will match all individual donations pound for pound. Caroline Nash from Gill Cooke Personnel Ltd was on hand on 27 November to draw out the two winning tickets.

Supporting future sporting stars

Two hundred people have now signed up to the Club, paying a membership fee of £25 per year. For this small contribution, each member is eligible to take part in ten monthly draws for a £50 prize, the £500 November prize, and the bumper Christmas draw of £1,000. The remaining funds help to support Loughborough's sports scholars, providing financial and in-kind support to help talented sports men and women, studying any subject at Loughborough, to succeed in both their sporting and academic development. Anyone wishing to join the 250 Club and support our 'stars of the future' should contact Lisa Farmer in the Development Office on ext 8698 or by emailing L.Farmer@lboro



The Vice Chancellor and Caroline Nash pick the winning numbers.

Work on your career Council report

An account from the meeting held on 18 October

Twenty first-year students have been helping to get their careers off to a flying start through a scheme organised by the Careers Service. *Get to work on your career* provides the students with work experience and skills training, and was developed after the Careers Service made a successful bid to become one of just six HE services to offer projects designed to help develop the career potential of black and Asian students.

Sixteen of the first course participants gained work during the summer vacation, in professions ranging from social work and journalism to finance and pharmaceutical chemistry. Fifteen regional employers, including Derby Football Club, the BBC and AstraZeneca, and local SMEs (Small to Medium Enterprises) such as Mosaic Business Dynamics and CASCAiD provided excellent experience for the students. Four students will gain their work experience during the Christmas vacation.

The students have all also attended a Skills Launch Day,

at which training on presentation and teamwork skills, working for an SME, and making successful job applications was given by Ford, KPMG, WCN and the Careers Service.

“Feedback from the students was extremely positive, both about the skills training and their experiences gained from work shadowing,” said Careers Service Director Wendy Llewellyn.

“Research shows that these experiences will help them gain employment when they graduate.”



Frank Lees Centre

The Frank Lees Centre for Loss Prevention was officially opened on 14 November. Named after former senior research fellow Professor Frank Lees and opened by his widow Elizabeth, the Centre will foster world-class research in Safety and Loss Prevention pursued both within and between several departments at Loughborough, and will enable the integration of the approaches offered by different disciplines. The Centre is a collaboration between the departments of Chemical Engineering, Mathematical Sciences and Computer Science, and the Business School's Centre for Hazard and Risk Management (CHaRM).

The sixty assembled guests at the launch were greeted by Professor Neil Halliwell, Pro Vice Chancellor (Research) before being welcomed to Chemical Engineering by Dr David Edwards. Professor Trevor Kletz then gave an appreciation of Professor Frank Lees' life and work.

The official opening of the Centre was marked by the inaugural meeting of the EPSRC Network in Safety and

Loss Prevention, which aims to link academic and industrial groups, and encourage the transfer of ideas and technology. The network's first workshop, on Inherently Safer Design (ISD), was organised by Professor Jai Gupta of the Indian Institute of Technology in Kapur. Professor Gupta has a one-year Visiting Fellowship to Loughborough's Department of Chemical Engineering.

Sir Bryan Carsberg's inaugural meeting as Chairman of Council began on a sad note, with the Vice Chancellor reporting the tragic death in a road accident on 9 October of Economics student Chu Yi. A book of remembrance was circulated for members to sign.

Vice Chancellor's business

The Vice Chancellor noted that European Studies had scored 23 out of 24 in the last External Subject Review, maintaining the University's excellent record. Research grants and contracts income for 2000-01 was up 18% on the previous year, with WEDC and the Faculty of Engineering recently receiving the University's two largest-ever awards, and bids to the Higher Education Innovation Fund for Knowledge Transfer, University Challenge Fund, and Science Enterprise Challenge had been successful. The Vice Chancellor also mentioned his two trips to China over the summer, stating that strong links with China would present the University with both student recruitment and research collaboration opportunities.

A discussion then followed on current and future campus developments and refurbishments: the new pool is on target, and both the hockey pitch and sports administration projects are underway; the need for additional lecture rooms was also highlighted.

Ashby Road accommodation

Following the local authority's rejection in June of the University's plans for the William Morris and Harry French accommodation on Ashby Road, Council members were brought up-to-date with the current proposals. After a full and frank discussion, Council agreed to accept the University's recommendations for the Harry French and William Morris sites, to:

- Submit a new plan for the Harry French site. Replacement buildings have been scaled down and redesigned to better reflect the adjacent street scene, and previous plans to include a bar facility have been withdrawn. The three Edwardian 'Schofield' houses will be retained.
- Submit an outline planning application for a project on the campus, which includes the retention of the four Victorian houses on the William Morris site. However, as this project is subject to external funding, and may not eventually be realised, an appeal will also be submitted for the original proposal for the William Morris site.
- Install additional CCTV cameras, linked to the University Security Office. Increased self-policing by the University will also be introduced along Ashby Road.
- Establish an effective communication scheme for improved consultation and dialogue with representative local groups.

Structural deficits

Council heard from the Registrar that the required loss of staffing in the Department of Electronic and Electrical Engineering was expected to be achieved through voluntary means. Council therefore supported the decision that compulsory redundancy proceedings, initiated at its meeting in July, should be halted – a decision welcomed by the Loughborough AUT (Association of University Teachers).

The next meeting of Council is on 18 December.

The new Chairman of Council

University welcomes Sir Bryan Carsberg

Sir Bryan Carsberg, former Secretary-General of the International Accounting Standards Committee, has been appointed as the University's new Chairman of Council and Senior Pro-Chancellor. He succeeds Dr Keith Green, who held the position for two years following the sudden death of Dr Stewart Miller in 1999. Sir Bryan took up his post on 1 August.

Educated at Berkhamsted School and the London School of Economics (LSE), Sir Bryan qualified as a chartered accountant in 1960, before embarking on an academic career which spanned more than 20 years. Between 1969 and 1981 he was Professor in the Department of Accounting and Business Finance at the University of Manchester and was Dean of the Faculty of Economic and Social Studies in 1977 and 1978. From Manchester, he moved back to the LSE, as Arthur Andersen Professor of Accounting from 1981 and 1984. Sir Bryan's academic career also brought international appointments: he was a Visiting Professor at the University of California (Berkeley) in 1974, and a Visiting Lecturer in the Business School at the University of Chicago from 1968 to 1969.

In 1984, Sir Bryan began a period in public office, first as the inaugural Head of OFTEL, the first regulatory body of its kind to be established, before being asked, in 1992, to become Head of the Office of Fair Trading, a position he held for three years. From 1978 to 1981 Sir Bryan was Assistant Director for the US Financial Accounting Standards

Board, and he was a member of the UK Accounting Standards between 1990 and 1994, acting as its Deputy Chairman for two years from 1990. He became Secretary-General of the International Accounting Standards Committee in 1995 and retired from this role only recently.

Commenting on his appointment at Loughborough, Sir Bryan said he was delighted to be asked to take up the role of Chairman of Council. "I like the range of activities Loughborough offers – including engineering, business, art and design, and other arts and science subjects, and I admire the University's links with business and industry," he commented, adding, "It's the breadth of activities and opportunities available at a university that help to make the 'student experience' rewarding."

One of Sir Bryan's primary tasks as Chairman will be to ensure that the governance of the University is carried out effectively and properly. "I'm keen to work with colleagues to ensure that Loughborough continues to go from strength to strength."



Sir Bryan Carsberg.

A strong enthusiast of the University's sporting side, Sir Bryan believes that areas of excellence should be fostered. "We should use them to our advantage and be proud of them. Sport brings benefits to students across the University, not just to those studying that area," he noted.

Sir Bryan was knighted in 1989. He is married with two daughters, and four grandchildren aged between four and eleven. He enjoys the theatre, music and gardening, and has a keen amateur interest in astronomy. Sir Bryan is also an enthusiastic marathon runner, having taken part in his first race – the Long Island marathon – in 1981. He and his wife have also both run the London marathon three times.



Top award for Ben

Business School student Benjamin Birchall has won an esteemed national prize at the fourth annual Awards for Business and Management Students, run by the Association of Business Schools.

Benjamin, who is studying for a degree in Management Science, was awarded the second prize in the Undergraduate award category of the competition, which was based on the students' work placements. Benjamin recently completed an industrial placement in the HR Department of Pertemps Employment Alliance Ltd, a subsidiary of the UK's largest independent recruitment company.

The awards – which were supported by *The Guardian*, and sponsored by the financial services organisation Clerical Medical, and MBA Direct, the online recruitment service for postgraduate students – were presented by Professor Stephen Watson, Chair of the Association of Business Schools. "Once again, our winning students have demonstrated a commendable level of business acumen, initiative, enterprise and determination," Professor Watson said. "Business Studies remains the UK's most popular degree course and as the representative body of business schools



Benjamin with his award.

Courtesy of the Association of Business Schools

throughout the country, we are happy to honour young people who will help form a new generation of managers."

The Association of Business Schools represents the leading 100 business schools of UK universities, higher education institutions and independent management centres, with a combined undergraduate and postgraduate population of more than 200,000 students.

New research grants and contracts

To help staff keep up-to-date with the latest research news at Loughborough, news@lboro will, from now on, feature regular listings on new grants and contracts awarded to the University. Awards made in September and October are:

October

Chemical Engineering

New Concept of High Pressure Hydraulic Filter for Aeronautics Preserving Environment
Prof RJ Wakeman
£169,243
EUROPEAN COMMISSION

The Selective Removal of Components from Gasoline using Membrane Technology
Dr ES Tarleton
£74,000
Shell Global Solutions

Chemistry

Development of the Amino-cope Rearrangement: A New Route to Highly Functionalised Oxygen and Nitrogen Heterocycles
Dr SM Allin
£23,700
Glaxo R & D

Civil & Building Engineering

The Development of a Model for Informing Employees Resourcing within Medium-Large Construction Companies
Dr A Dainty
£31,063
EPSRC

Mathematical Sciences

Research with Dr Pavlov, Russia
Prof AP Veselov
£10,028
EPSRC

Mechanical & Manufacturing Engineering

FE Analysis of the Dynamic Response of Doublet Valve Springs
Dr AD Nurse
£7,170
Ilmor Engineering

Loughborough University Flexible Masters Package
Prof N Halliwell and Dr B Fisher
£967,595
EPSRC

High Frequency Ultra Low Power Discharge Regeneration of Diesel Particulate Filters
Dr C Garner, Dr JE Harry and Mr JE Hoare

£237,118

EPSRC

Studentship

Dr MP Caine

£24,000

Speedo UK

Manufacturing Guide

Dr NJ Brookes

£9,800

BT plc

IPTME

FE Analysis of the Dynamic Response of Doublet Valve Springs

Dr X Bao

£8,690

THE ROYAL SOCIETY

PESSRM

YST Zoneparc 1

Prof D Kirk

£15,692

Youth Sports Trust

NIKE/YST Girls in Sport

Prof D Kirk

£14,960

Youth Sports Trust

YST Building Bridges

Prof D Kirk

£21,104

Youth Sports Trust

YST How to

Mr L Almond

£14,950

Youth Sports Trust

YST Sportsability

Dr ME Nevill

£53,000

Youth Sports Trust

YST MV Top Link

Dr ME Nevill

£82,000

Youth Sports Trust

YST/NIKE Zoneparc 2

Prof D Kirk

£10,665

Youth Sports Trust

YST Talented & Gifted

Dr ME Nevill

£25,000

Youth Sports Trust

CRSP

Self Employment as a Route of Benefit

SK Kellard

£40,513

Department for Work & Pensions

Analogue to Digital Switch Over- Human Aspects of Adoption

Prof L Damodaran

£36,745

DTI

Aeronautical & Automotive Engineering

Isothermal Test Facility

Dr P Denman

£66,572

Rolls Royce plc

WEDC

Promoting Composting as a Business for the Urban Poor

Dr SM Ali and Dr AP Cotton

£148,652

DFID

September

Design & Technology

Review and Deployment Foot Anthropometry of a Sample of Military and Civilian Personnel
Mr G Torrens

£12,450

MINISTRY OF DEFENCE

RSEHF

European Climate Change Monitoring and Prediction System

Dr MC Maguire

£76,629

EUROPEAN COMMISSION

Electronic & Electrical Engineering

Traffic Simulation and Optimisation on an Intelligent Video Surveillance Network

Dr DJ Parish

£7,692

Kingston University

Mathematical Sciences

Acoustic Research on Turbocharged Engine Modelling of Exhaust and Inlet Systems

Dr KS Peat

£96,432

EUROPEAN COMMISSION

Generation & Propagation of Internal Solitary Waves

Prof RHJ Grimshaw

£17,201

Monash University

Mechanical & Manufacturing Engineering

Gatsby Research Fellow

Prof J Huntley

£44,944

GATSBY FOUNDATION

Direct Fabrication

Dr R Soar

£60,880

EPSRC

Social Sciences

Transforming Data into Management Information

Dr H Ward

£228,880

DEPARTMENT OF HEALTH

Aeronautical & Automotive Engineering

Develop a Methodology for Rapid Synthesis of Raw data into useful Engineering Information using Modle-based Techniques

Dr MC Best and Prof TJ Gordon

£43,500

British American Racing

WEDC

Improved Risk Assessment and Management in Urban Piped Water Supply

Mr AG Howard, Dr ME Ince and Mr K Samson

£404,256

DFID

Localising the Habitat Agenda for Urban Poverty Reduction

Dr SM Ali

£14,000

University of Westminster

Social Marketing for Urban Sanitation

Mr AG Howard

£285,361

DFID

Civil & Building Engineering

Centre for Water and Environmental Health

Dr AP Cotton and Mr IK Smout

£4,145,457

DFID

Wheels of steel

A striking new sculpture by LUSAD graduate Dan Cordell has been chosen to mark the £8 million regeneration project on the site of the former Towles factory in Loughborough. Dan, who graduated this summer with a first-class degree in Sculpture, was selected for this prestigious commission by Derwent Housing, which undertook the ambitious regeneration project. The development involved the conversion of three grade two listed Victorian factory buildings and the building of new waterfront apartments to provide a varied mix of accommodation for the town.



Steve Doherty

Entitled *Steel Wheels*, Dan's sculpture was unveiled by the Mayor of Charnwood, Councillor Tony Stott, at the official opening of the Grand Union Gardens development on 16 November. The impressive sculpture features two huge steel wheels set apart from each other to illustrate forward

motion. One wheel is reminiscent of a steam train wheel, echoing Loughborough's industrial heritage, while the second depicts an eye to suggest looking to the future.

"I was delighted to win the commission, particularly as it gave me the opportunity to

work on such a large scale," said Dan, who worked in partnership with a local engineering company to translate his vision of the sculpture into the vast steel components that dominate the roadside front of Grand Union Gardens on Nottingham Road.

Kala Kahani: making creative connections



Nilima Devi, one of the leading exponents of Kathak dance, whose recent performance was presented as part of the Kala Kahani Asian Arts initiative.

A rainbow of colour, a festival of music and dance, and a feast of Indian cuisine marked the official launch of Kala Kahani Stage Two at the University on 1 December. Kala Kahani, which translates as Art/Creative Story, is a collaboration between Loughborough University and Charnwood Arts, and aims to bring a wider understanding of South Asian literature and culture to the Charnwood region.

Throughout the day, workshops were offered on performance poetry, Ghazals and Kavita (the classical forms of Hindi and Urdu poetry), classical Indian dance and traditional Indian music and art. The day culminated with a Mehfil – a gathering of local and national artists, poets, musicians and performers.

Funded through East Midlands Arts, this groundbreaking initiative includes an academic programme rooted in the study of contemporary South Asian Literature and Culture, which is delivered by the newly appointed Lecturer in South Asian Literature in English, Raman Mundair.

"The Lectureship includes the exciting possibility of reaching out and making creative connections with the

local community, and developing a community programme which nurtures a positive understanding of South Asian Literature and Culture," explains Raman.

Based in English and Drama, Raman's teaching began this semester with an English module – South Asian Literature 1 – which explores the first texts written in English by writers of Indian heritage in the period immediately before and after the partition of India. In conjunction with the module, a series of reading initiatives are being developed within the South Asian community, supported by Leicestershire Libraries and Leicestershire County Council. The community readers will read the same texts as the Loughborough students, and will meet together towards the end of the module to contribute towards the students' understanding and reading of the texts.

Gold! Students' Concert Band blow their own trumpet!

The Loughborough Students' Concert Band has struck gold after winning the Midlands regional event of the National Concert Band Festival on 18 November.

This is only the fourth year that the Band has taken part in the competition, winning bronze the first year and silver for the last two.

The Gold Award in the Community Band class means that the group has been invited to compete in the national finals, which will be held in Manchester in March next year.

Christmas concert

If you want to hear the award-winning Band, then go along to their Christmas Concert on 11 December at 7.30pm in the Sir Robert Martin Theatre on campus. Tickets are priced £4 (£2 for students and concessions) and are available on the door.

Roll of honour

Professor Philip Bean, Director of the Midlands Centre for Criminology and Criminal Justice, within Social Sciences, has been appointed to the Expert Committee of the newly established National Treatment Agency for Substance Misuse. The Agency will recommend to the Government the way forward in terms of the treatment of substance abuse, whether through the NHS or in the criminal justice system. The Expert Committee of the National Treatment Agency will also draw up the Government's research programme for substance abuse – the first time such a programme has been presented in the UK.

Jane Brown, a Visiting Professor in the Department of Physics, has been awarded the Guthrie Medal and Prize by the Institute of Physics for her outstanding contribution to the field of neutron scattering. Professor Brown is a pioneer in neutron scattering, both in the development of polarisation techniques in scattering processes and the application of these techniques to important problems in condensed-matter physics. The techniques she has developed have been used for a variety of applications including solving complex magnetic structures. The Guthrie Medal was instituted in 1914 in memory of Professor Frederick Guthrie, founder of The Physical Society, the precursor to the Institute. The silver gilt medal, accompanied by a cash

prize of £1,000, is one of the Institute's three Premier Awards and is awarded annually for contributions to physics by a physicist of international reputation.

Geography's **Professor Peter Taylor**, and **Professor Mike Smith** from European Studies have been elected to the Academy of Learned Societies for the Social Sciences, which represents the social sciences of the UK to government, research councils, business and international bodies. Academicians of the Academy are distinguished scholars and practitioners from academia and the public and private sectors. The appointment of Professors Taylor and Smith follows on from that of Ruth Lister, Professor of Social Policy, who was named as one of the founding academicians of the Academy in 1999.

The final name-check in this edition goes to a building – the **Stewart Miller Building**, which was recently awarded the 2001 Merit Award from the Leicestershire Joint Consultative Committee to the building industry for its rain-screen cladding. Estates' Roy Hill and Tim Walton were on hand to see the contractor collect the award at the National Federation of Builders dinner in Leicester. These annual awards are made by a panel of judges for elements of a construction project that exhibit good workmanship.

Remembering

In this issue, we remember John Lewis, a former Principal Lecturer in PE, who died on 22 November.

Born in 1912, John worked as a PE Adviser in Lancashire, before joining Loughborough Training College in 1955 as a Senior Lecturer. He retired from the College of Education as a Principal Lecturer in 1975.

Thousands of students, including lecturers still working in the University, benefited from John's unrelenting commitment to excellence in teaching methods and professional behaviour. He was always there to help them when needed, and the preparation they received during their student days set them up for life. For many years, John also made a tremendous social contribution as Warden of Towers Hall.

John is survived by one daughter, one grandson, three grand-daughters and three great-grandchildren. They will remember him as a wonderfully warm and caring family man, but they should also know that for others he was not only a friend, but an outstanding professional mentor and colleague.



Fundraising fun

Once again this year, staff proved they're game for a laugh when it comes to raising money for charity.

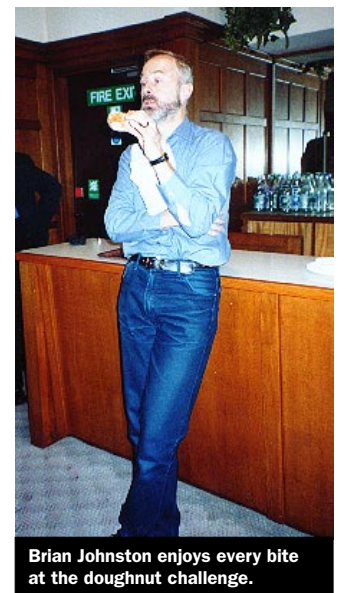
Ditching their regular office wear and slipping into something a little more comfortable for the day, staff across the campus raised a total of £230 on Jeans for Genes day, which aims to raise funds for research into serious and often life-threatening genetic disorders affecting thousands of children. Thanks must go to Personnel's Alison Hall, who has been 'encouraging' staff to take part for the last four years, and good luck to Honor Neale from Estates, who takes over the Jeans for Genes fundraising baton next year.

Just a few weeks later, this year's Children in Need appeal brought the usual array of madcap events to campus. Alfred Mosley, from Aeronautical and Automotive Engineering, bravely volunteered to put himself well and truly in the firing line, when

he was locked in the stocks for hour and faced a barrage of squishy water balls, thrown by friends, colleagues and passers-by! A drenched Alfred managed to raise over £240.

Meanwhile across campus, staff from Rutland hall were also doing their charitable bit for Children in Need. Several of them rose to the Doughnut Challenge, which involved trying to eat a sugar-covered jam doughnut without licking their lips – not as easy as you might think! With various techniques on display – ranging from the 'stuffing the whole doughnut in the mouth at once' approach, to the 'nibbling delicately' method – it was certainly a messy affair! The eventual winners were Marketing's Anna Seddon, Bryan Johnston from the Development Office, Research Support Office's Arif Syed, and Val Franklin from ERO. All in all, the Doughnut Challenge, together with proceeds from Rutland's Dressing Down day and a fun but

frustrating lemon game – trying to balance a coin on a lemon floating in a bowl of water, again, not as easy as you might think! – totalled £80.



Val Franklin

Brian Johnston enjoys every bite at the doughnut challenge.

Dear Editor ...

I would like to say a very big thank you for the lovely gift of the watercolour of the Ruins at Bradgate Park on my leaving the University. This is now hanging in the lounge, together with the watercolour of the Carillon presented to my husband when he left IPTME in March.

It was lovely to see so many of you at the presentation and I really do miss you all. I have very happy memories of my time at the University and I hope you will call by whenever you are catching a ferry at Portsmouth for sunnier climes.

With my very best wishes

Jackie Richardson
(Student Research Office)

Many thanks to all my friends, colleagues and members of staff for the cards, gifts and good wishes on my retirement in September. I have enjoyed working with so many people in the University over the past 21 years. I will miss you.

Best wishes

Iris Jones
Health, Safety and Environment Office

Hello to all my friends and colleagues in Finance, Central Admin and across the campus. I have been overwhelmed by all the Get Well cards, good wishes and gifts I have received over the past months, and now I would like to take this opportunity to thank you all and to wish you a very Happy Christmas and New Year.

I am aiming and looking forward to returning to work early in the New Year.

Veronica Timlin
Finance Office

Obituary

Chu Yi

It is a most painful duty to write the obituary of a young person, so recently full of life and vigour, so recently ready to fly high in her chosen field. Chu Yi was a truly exceptional student, whom the University was privileged to welcome and bitterly shocked to lose in a tragic road accident. She entered Loughborough to read for an MSc in International Economics and Finance, having studied as an undergraduate at the prestigious Chongqing University in the People's Republic of China. She completed her BA in Economics with such exceptional results and was supported by such outstanding recommendations that she won a Loughborough University Scholarship in the face of seriously strong competition. Well known and well liked by her professors and peers in Chongqing University for her sincerity, unselfish leadership and exceptional enthusiasm, she quickly showed these same qualities on her arrival in Loughborough, making friends and winning respect wherever she went.

The only child of a loving family, she showed her determination and promise from a very early age, succeeding not only in academic work but also in music – she was a talented keyboard player – and friendship. A true measure of what we give to the world is the sadness of those we leave behind, and Chu Yi gave in abundance. She had so many plans and so much more to give. Her optimism and youthful enthusiasm are captured in a few simple words that she wrote while still in China:

"I'm standing on the intersect of Britain and China. I have a dream, I'll be a bridge connecting Britain and China. I'll devote my life to the economic cooperation and development of the two countries. I believe the colour of green represents hope."

In the turbulence of recent world events, we could all do worse than to emulate her world view.

We extend our heartfelt sympathy to her loving parents and her many friends in China, whose devastating shock and grief can hardly be imagined.

Lawrence Leger
Department of Economics

Welcome

Ken Tyler has been appointed as the University's first-ever International Student Adviser. Working in the English Language Study Unit (ELSU) and International Students' Programme, Ken's main role is to provide individual help and advice, on personal or academic issues, to international students.

Until recently, Ken was Director of the Primary PGCE Partnership in the Department of Education, where he had been since 1990. That year, he also qualified as a counsellor and has, over the last eleven years, gained a great deal of experience working with both UK and international HE students.

In his new role, Ken will be the first point of contact for many international students with problems or queries. He is also happy to be contacted by members of staff if they need any help with an international student. Based in the James France Building, room D.0.03, he can be contacted on ext 2058 or by emailing K.G.Tyler@lboro

Farewell

Our thanks and best wishes go to the many members of staff who have retired this year or will shortly be retiring from the University. Those staff are:

Aeronautical and Automotive Engineering

David Glover
Dr Roger Pratt
John Smith

AVS Print Unit

Janet Taylor

Business School

Professor Peter Lawrence

Chemical Engineering

Eileen Barradell
Dr Tony Ward

Chemistry

Betty Cattell
Professor John Dawkins
Dr Tony Edmonds
Michael Stone
Professor Frank Wilkinson

Civil and Building Engineering

Dr Derek Miles

Computing Services

Graham Gerrard
Max Hunt
Robert Thirlby

Design and Technology

Norman Rogers

Education

David Ayres
Dr Geoffrey Forbat
Kirsteen Hinds
Jean Melrose
Professor Ivan Reid
Jacqueline Seamon
Brenda Shaw
Professor John Thomas

Electronic and Electrical Engineering

Joseph Hayes
Dr Murray Holt
Dr Stefan Szumko
Dr Vincent Vadher
Dr Lionel Warnes

English and Drama

Professor Marian Shaw

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Les Bennett
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Malcolm Craythorne
Pat Eastwood
Gordon Eastwood
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Robert Gillard
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John Grimley
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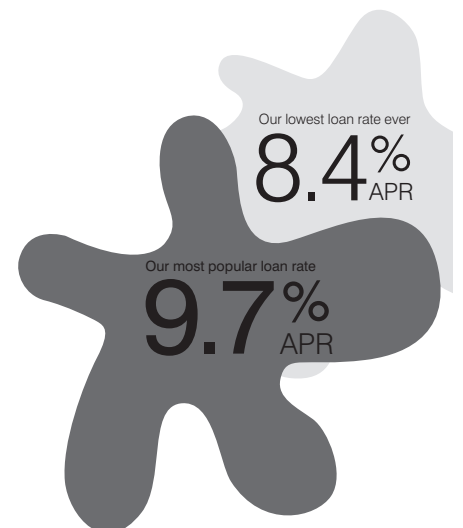
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Miscellaneous sales

Racing bike, peugeot, gents' large frame, 10 speed, vgc – £50 ono; Raleigh Max 5 speed **bike**, suit child, aged 5-8 yrs, vgc – £50 ovno; Emmelle Leopard 12 speed **bike**, suit child aged 9-12 yrs – £10; Tel 235061 eves.

SAVERS **phonecards**, limited number available, £25 cards for only £14, (calls to China cost just 7p per minute); Mr Yang, Tel 0778 6135899 or ext 4712.

Miscellaneous wants

Wooden single **bed** wanted; Tel 08700 126462 or email J.Chen-01@student.lboro.ac.uk

Adults with dyslexia, **volunteers** needed to take part in PhD research. Evaluating a word processing system designed for adults with dyslexia; email M.Carter@lboro.ac.uk

Lift required from Beeston (or surrounding area) to Loughborough, willing to share petrol expenses; Dr Mei-l Cheng, Tel 223774 or email M.Cheng@lboro.ac.uk

Scooter, to suit 5+ yr old boy, must be in good working order, but not micro scooter; David or Caroline, Tel 567478.

Vehicles for sale

Fiat Punto 1.1, 'P' reg, 3 door, 35,000 miles, 6 mths Tax, 12

mths MOT, metallic turquoise, radio cassette, immobilizer, good condition – £2,600; K Savage, Tel 550037.

Miscellaneous services

Handyman, no job too small, professional and reliable, household electrical, small brick work, garden maintenance, decorating and general DIY; Dave, Tel 01530 458264 or 07984 617523.

Houses for sale/rent

Loughborough, 2 bed house to let in quiet area near University, modern well furnished, ch, off road parking – £415 pcm.

Also **Loughborough**, 1 bed house to let in quiet area near University, modern, well furnished, ch, off road parking – £335 pcm; Tel 881124.

Holiday accommodation

Lose track of time in central **France**. Granite and oak-beamed, 200 yr old farmhouse, shady gradens, every mod con, sleeps 8 but cosy for 2. Explore the mountains of the Massif, walk straight from your cottage into a land of endless hills, lakes, oak forest and stone villages – £250 pw (£200 low season); Tel: 01304 381182 for a brochure.

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Or contact: membership@aut.org.uk

This advert is sponsored by FRIZZELL



T-Rex spotted in South London!

You thought they were extinct, but dinosaurs are alive and well... and spending Christmas in Peckham!

In a show, *Dinosaurs and All That Rubbish*, designed by English and Drama's Ali Maclaurin, pre-historic beasts both large and even larger will be saving the planet twice a day for three weeks.

Based on the well-known children's book by Michael Foreman, the show has been adapted for the stage by director Teresa Early, and has already received high praise from the book's author, who, at the preview on 21 November, remarked that it was the most vibrant and invigorating adaptation of his book he had seen. He was particularly impressed by the 'street edge' it had been given to bring it up to date.

Ali Maclaurin was a professional theatre designer and community artist for 14 years before she came to teach in Loughborough and continues her professional work alongside her teaching career and research practice. Her work with New Peckham Varieties at the Magic Eye Theatre began in 1985 and is particularly special to her as it encompasses everything she believes the arts should be about.

"The company's remit, as described by artistic director Teresa Early, is to provide access to theatre for those who might otherwise be excluded; not just to offer cheap tickets to 'the poor' but to develop a unique theatre from within, at all levels – to train, educate and include new participants in our work," says Ali. "All of which it does

A scene from the show.

through classes, placements and volunteering, workshops, festivals and touring shows."

Each year culminates in a Christmas extravaganza that manages to be both relevant and hugely entertaining, and annually plays to sell-out audiences. *Dinosaurs and All That Rubbish* runs from 5 to 23 December at the Magic Eye Theatre, Havil Street, Peckham. To book tickets telephone 020 7708 5401.

Concert review Dusan Sodja and Tatjana Kaucic

Courtesy of the Arts Centre

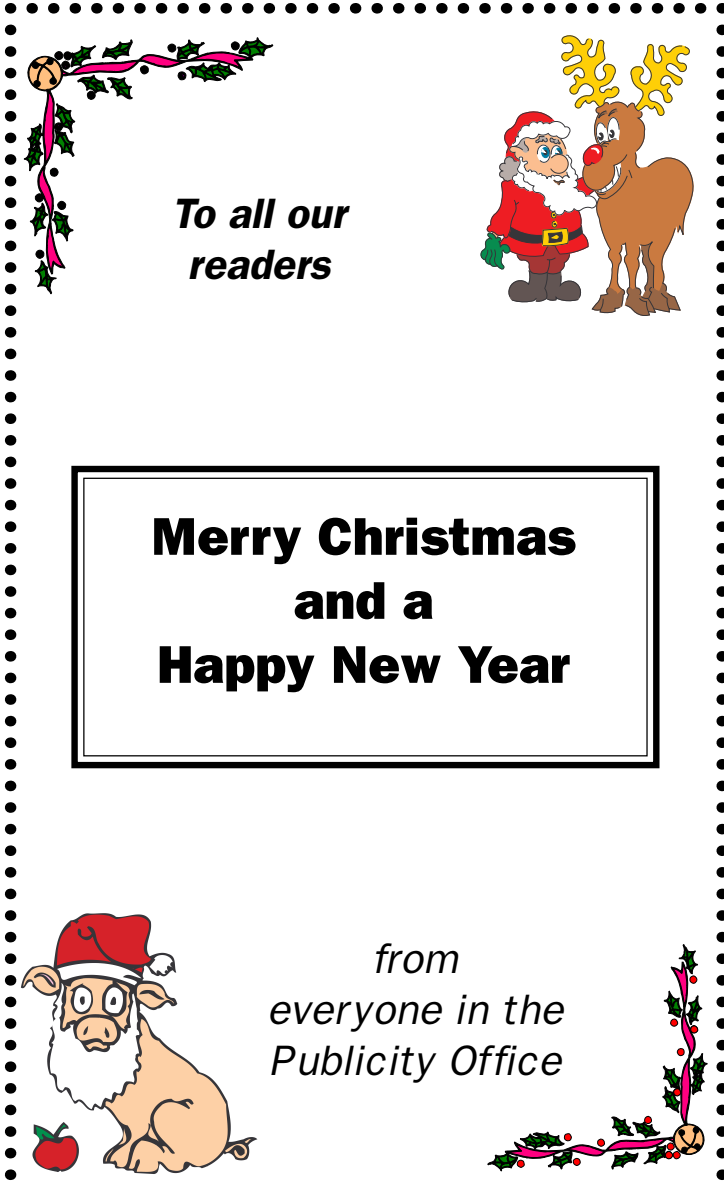



Dusan Sodja and Tatjana Kaucic.

Crossing borders was the unwritten theme of the wonderful recital for clarinet and piano given on 18 October by Dusan Sodja and Tatjana Kaucic from Slovenia. Stopping off in Loughborough, on their way back home from an exciting tour of Scotland, the duo from Ljubljana performed a programme of British classics and Slovenian rarities to an enthusiastic audience, as guests of the Arts Centre.

Excellent framed by sonatas, which showed a professional polish and a depth of musical sensitivity, the concert began with the romantic *Sonata for Clarinet and Piano* by Arnold Bax. The varyingly delightful and sad *Sarabanda per Natasa*, by one of Slovenia's leading composers Uros Krek, marked the first offering from the players' homeland, with performances of the humorous and quirky French *Sonata* by Poulenc and that by Leonard Bernstein, of *West Side Story* fame following on. A short piece by Scottish composer Wilma Paterson, interestingly entitled *I dreamed I was in the Forest of Badenoch*, was quietly evocative of mysterious woods. The music then returned to Slovenia, with two movements of pre-eminent composer Ivo Petric's romantic *Autumnal Encounters*, before the brilliantly jazzy *Sonatina* by Joseph Horowitz concluded the programme, which left its audience impressed by the skill, brilliance and musicianship of the young Slovenian duo.


Niall O'Loughlin
Arts Centre Director





**To all our
readers**

**Merry Christmas
and a
Happy New Year**



from
everyone in the
Publicity Office

