Global Reach

A commitment to global partnership is at the heart of Nottingham’s mission. ‘Building Global Engagements’, a year-long project funded by the Engineering and Physical Sciences Research Council, saw the University working with 30 partner universities in India, South Korea and North America in the fields of Energy, the Digital Economy and Quantum Technologies.

Nottingham’s pioneering campus in Malaysia attracted attention at the highest levels. The University of Nottingham Malaysia Campus hosted David Cameron as part of the first official visit to Malaysia by a British Prime Minister in almost 20 years. He was joined on campus by the Malaysian Prime Minister, Datuk Seri Najib Tun Razak.

In China, the University launched a new joint venture in collaboration with the East China University of Science and Technology. The Shanghai Nottingham Advanced Academy represents the latest stage in Nottingham’s engagement with China, and complements the flourishing University of Nottingham Ningbo China campus.

Engaging with Business

A collaboration with GlaxoSmithKline will create a new centre of excellence in sustainable chemistry.

The GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry will be based on the University’s Jubilee Campus and its construction is being supported by a £12m grant from GSK. The facility will focus on research that is of particular relevance to the pharmaceutical industry and which complements established expertise at the University. It will also deliver advanced undergraduate teaching and outreach to the wider scientific community to embed sustainable chemistry principles in the next generation of scientists.

The centre of excellence will serve as a global hub to catalyse new collaborations with other institutions and industry partners and will bring together leading UK academics, researchers and GSK chemists, developing expertise in sustainable chemical synthesis.

The focus on sustainability will be reflected in the building itself, which will incorporate the latest technologies to allow it to be carbon-neutral over its lifetime.

Excellence in Education

An award-winning programme is helping to make Nottingham graduates among the most employable in the UK.

The Nottingham Advantage Award, which has benefited more than 2,000 graduates, is designed to enhance the student experience and develop the employability, environmental citizenship, social and global cultural capital of Nottingham students. And the programme is paying dividends – a study by High Fliers Research shows that Nottingham graduates are among the most sought-after in the UK among top investment banks, law firms, consultancies, technology companies and government bodies.

The Award’s curriculum provides students with the opportunity to develop skills and engage in activities that enhance their overall learning experience and employability in a globalised marketplace: oral and written communication, team work, self-management and learner autonomy, problem solving and critical thinking, commercial awareness, information technology and numeracy, environmental citizenship and employability, professional behaviour and workplace culture. The scheme has grown year-on-year since its launch in 2008.

World-Changing Research

Academics won royal recognition for research that is helping to feed the world’s growing population. The University was awarded a Queen’s Anniversary Prize for Higher and Further Education for its research on Global Food Security, a key priority for Nottingham which includes everything from growing more crops with less fertiliser, to improving the nutrition, safety and taste of food on the plate.

Staff and students visited Buckingham Palace to receive the prize – the highest royal honour for university research – from Her Majesty the Queen.

The Prizes are a biennial award scheme, part of the UK’s national honours system, celebrating excellence, innovation, and impact in the UK’s Higher and Further Education sector. They recognise and celebrate winners’ outstanding work which is making a real and practical impact for the benefit of human progress.

The University is home to one of the largest communities of plant, crop, animal and food science experts in the UK.

News Digest
Social Responsibility

From schools, faculties and departments, to individual students and members of staff, Nottingham plays an active and positive role in the community.

A free exhibition of rarely-seen artworks at Lakeside Arts Centre was an unprecedented success. The exhibition of 90 Lowry paintings and drawings attracted a record-breaking 46,000 people – more visitors to the University’s Djanogly Art Gallery during its 12-week run than are typically received in an entire year.

Across the city, celebrations were held to mark a special anniversary in Nottingham’s industrial heritage.

The University and a local community theatre group led a project to celebrate the 125th anniversary of Nottingham-based Raleigh – the world’s oldest bicycle company.

Another special anniversary was celebrated on University land near its Sutton Bonington Campus. Working with the Woodland Trust, the University marked the Diamond Jubilee by planting a 60-acre ‘Diamond Wood’ to celebrate 60 years of the Queen’s reign – with hundreds of local residents helping to plant 40,000 trees.

The University’s Carbon Management Plan saw more than £1.5m invested in 71 carbon reduction projects in its first year. In 2012 the University achieved a reduction in its carbon emissions for a second successive year – a decrease of more than 1,000 tonnes – despite increasing student numbers and an increase in the number of buildings.

"Impact: The Nottingham Campaign raised more than £80m in its opening year. From individuals to multinational companies, alumni, staff, students and friends of the University, support for the Campaign has been global and local.

The Campaign is already helping to change lives, tackle global challenges and shape the future.

The first Nottingham Potential Learning Centre opened on the city’s Broxtowe Estate thanks to a major gift from the David Ross Foundation; while a significant gift from GlaxoSmithKline will enable construction of the GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry on the University’s Jubilee Campus.

The University won the award for ‘Outstanding Contribution to Sustainable Development’ at the Times Higher Education Awards 2012. Judges praised its sector-leading approach, which embeds sustainability in every activity – from the way new buildings are constructed to the way energy is generated and used on campus.

Nottingham was recognised as a ‘trailblazer’ in environmental practice after winning one of the most prestigious accolades in UK higher education.

The University’s Carbon Management Plan saw more than £1.5m invested in 71 carbon reduction projects in its first year. In 2012 the University achieved a reduction in its carbon emissions for a second successive year – a decrease of more than 1,000 tonnes – despite increasing student numbers and an increase in the number of buildings.

In the UI Greenmetric league table, which surveys universities in more than 40 countries, Nottingham is consistently ranked as one of the most sustainable universities in the world.

New facilities for teaching, research, student services and business engagement were opened as the University underlined its reputation for first-class infrastructure.

Development of the Jubilee Campus saw a string of new buildings opening over the year. The Aerospace Technology Centre, Institute of Mental Health, Energy Technologies Building and the new School of Contemporary Chinese Studies all opened their doors at Jubilee, underlining its growing reputation for striking sustainable architecture.

On University Park, the new Orchard Hotel is designed to complement the University-owned DeVere Venues East Midlands Conference Centre next door, providing top-class accommodation and extensive facilities. Extension and refurbishment work was also completed on the grade II listed Highfields House, providing a purpose-built base for the Centre for Advanced Studies and the Graduate School.

The University’s new School of Nursing, Midwifery and Physiotherapy Education Centre, at the Royal Derby Hospital, offers flexible classrooms, a four-bed bay skills suite, virtual learning hub and a large multidisciplinary library.
This has been an important year in UK higher education: a year of change and uncertainty as the sector adjusts to new realities and new challenges.

At the University of Nottingham, we are meeting those challenges on many different fronts. One way is through Impact: The Nottingham Campaign — the biggest fundraising campaign in our history, which will help us change lives, tackle global issues and shape the future. After just one year of a two-year programme, the Campaign is half-way to its £150m target. That success is already helping us transform research programmes, enrich the student experience and make an even greater contribution to the global communities we serve.

As the title of our Campaign suggests, Nottingham seeks to make an impact in all its activities — in research, arts and culture, in sport, business engagement, on the environment, the local community and around the world. We seek to transform our students, staff and alumni, our partners and collaborations, wherever they are.

The generosity of our alumni is crucial to the Campaign. This year we were delighted to receive our largest-ever gift from an alumnus — £2.1m from the David Ross Foundation — which will help some of the most deprived young people in the region to reach university. Delivered in partnership with education charity IntoUniversity, the Nottingham Potential scheme is providing three new learning centres in the community to support pupils aged 7–18, including help with homework, literacy and numeracy, and university applications.

The generosity of partner organisations has also reached unprecedented levels this year. The GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry, due to open at our Jubilee Campus in 2014, has been made possible with the support of a £7.3m grant from GlaxoSmithKline, the University’s biggest ever corporate gift. The laboratory will be a centre of excellence for sustainable chemistry and will complement established expertise at the University.

It is world-class activity like this that makes Nottingham special. In research, too, the University continues to be recognised at the highest levels. I was honoured to be invited to Buckingham Palace this year, with a group of colleagues and students, to receive the most prestigious royal award for UK universities — the Queen’s Anniversary Prize for Higher and Further Education. The Prize was awarded for the University’s research into global food security, a field in which Nottingham is making a real and far-reaching impact.

Recognition also came at our overseas campus in Malaysia with a simultaneous visit by the Prime Ministers of two countries. David Cameron visited the campus as part of an official two-day trip reinforcing long-standing links between Malaysia and the UK. He was joined by the Malaysian Prime Minister, Dr. Dato Sri Najib Tun Razak, in a visit that served to emphasise the strength of ties between the two nations.

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Strong ties of a different kind have been developed between Nottingham and the University of Birmingham. This year saw the first anniversary of a landmark collaboration which combines our strengths to win significant research income, explore new international markets and develop new collaborations. A new Strategic Collaboration Fund will allow us to capitalise on strengths, and greatly expand our joint activity.

In the arts, the University broke new ground and set new records for public engagement. An exhibition of rarely-seen works by LS Lowry attracted almost 50,000 people to the Djanogly Art Gallery — more visitors in its 12-week run than are typically received in an entire year. The exhibition consisted of 90 works including a substantial number of loans from private collections, with pupils from 30 local schools visiting as part of enrichment activity for literacy, art and creative writing.

In sport, our alumni and students excelled in 2012. It was wonderful to see them achieve so much at the London Olympics, with the second-biggest medal haul of any UK university. It was also encouraging to see that Nottingham remained one of the most popular universities in the UK in terms of undergraduate applications. We are determined to give our students the very best — in education, in the learning environment, international experience and employability — which is why it was pleasing to see our overall satisfaction score in the National Student Survey increase again for the eighth consecutive year.

It is also why we continue to invest in our campuses. 2012 saw the completion of a number of new buildings that both enhance the experience of students and staff, and underline our commitment to sustainable construction and design. New research and teaching centres opening their doors this year included the Energy Technologies Building, Institute of Mental Health, Aerospace Technology Centre and School of Contemporary Chinese Studies.

This has been a year of change, but we have been more than equal to the challenge. As our University continues to go from strength to strength, I look forward to working with you to meet the challenges of 2013 and beyond.

David Greenaway
Vice-Chancellor
An award-winning programme is helping to make Nottingham graduates among the most employable in the UK.

The Nottingham Advantage Award, which has benefited more than 2,000 graduates, is designed to enhance the student experience and develop the employability, environmental citizenship, social and global cultural capital of Nottingham students. And the programme is paying dividends – research among the top 100 employers shown that Nottingham graduates are among the most sought-after in the UK.

The Award’s curriculum provides students with the opportunity to develop skills and engage in activities that enhance their overall learning experience and employability in a globalised marketplace: oral and written communication, team work, self management and learner autonomy, problem solving and critical thinking, commercial awareness, information technology and numeracy, environmental citizenship and employability, professional behaviour and workplace culture.

Students can choose from 130 modules delivered across the institution, with subject-specific modules offered by schools focusing on the core skills developed by that subject and how they can be put to good use in the workplace. Over three-quarters of the modules offered are delivered in collaboration with employers, linking the academic context to the professional context students are moving into, and helping them to get the most out of university.

The scheme – which has grown year-on-year since its launch in 2008 – is one of only a few UK university programmes to run as an accredited scheme offering credits to participating students. Managed by the Careers and Employability Service, it spans all of Nottingham’s campuses – both in the UK and in Asia – allowing students to take part wherever they are studying.

External recognition has come from many quarters – including the Association of Graduate Recruiters, which singled it out for the ‘Graduate Development Preparation in Higher Education Award’. The AGR was impressed by the value that the Award adds to student development, skills and employability. The Award has also been shortlisted for a Times Higher Education Leadership and Management Award, and an ‘Excellence in Innovation’ student engagement award by the National Association of Colleges and Employers.

Professor Alan Ford, Pro-Vice-Chancellor for Teaching and Learning, said: “The Nottingham Advantage Award in what a Nottingham education is all about. It pushes thinking further, develops the student as an individual and helps prepare them for a successful career. The Award is an innovative way of building on the many extra-curricular opportunities available to students during their time at Nottingham, and developing an all-rounded learning experience.”

Since its launch, it has helped to make Nottingham one of the most popular universities in the UK among graduate employers. A study by High Fliers Research revealed the University is one of the top choices for graduate recruitment among the UK’s top 100 leading graduate employers including BP, the Civil Service, BMW, Goldman Sachs, PwC, Google and HSBC.

Dr Paul Greatrix, Registrar, said: “At Nottingham our graduates do exceptionally well and we have some of the highest employment rates in the UK, with our average salary levels for Nottingham graduates being above the UK average.

“More importantly, students studying with us will not only receive a first rate academic experience, both in the UK and internationally, but they will also have a well-rounded and rich experience during their time here, which will enable them to acquire skills and additional learning from extra-curricular activities.

“We are particularly proud of the Nottingham Advantage Award, which is a scheme specifically run to enhance our students’ skills whilst studying their degree.”

Excellence in Education

Nottingham students enjoy a rich and well-rounded experience

Additional stories online:
• First anniversary of landmark collaboration http://tiny.cc/8nz3sw
• A new ‘hootse’ for the arts, humanities and social sciences http://tiny.cc/hpz3sw
• Young entrepreneurs win Digital Economy title http://tiny.cc/nqz3sw
• Acclaimed writer joins University as Professor of Creative Writing http://tiny.cc/6pz3sw
Academics won the highest royal honour for university research

Academics won royal recognition for research that is helping to feed the world’s growing population.

The University was awarded a Queen’s Anniversary Prize for Higher and Further Education for its research on Global Food Security, a key priority for Nottingham which includes everything from growing more crops with less fertiliser, to improving the nutrition, safety and taste of food on the plate.

Staff and students visited Buckingham Palace to receive the prize – the highest royal honour for university research – from Her Majesty the Queen.

The Prizes are a biennial award scheme, part of the UK’s national honours system, celebrating excellence, innovation, and impact in the UK’s Higher and Further Education sector. They recognise and celebrate winners’ outstanding work which is making a real and practical impact for the benefit of human progress.

The University is home to one of the largest communities of plant, crop, animal and food science experts in the UK, carrying out world-leading research to find new ways of feeding a hungry planet.

Professor David Greenaway, Vice-Chancellor of the University, received the prize from Her Majesty the Queen.

He said: “We are extremely honoured and proud to have received this award for our work in the area of global food security. It recognises the important contribution the University is making to this vital area of research at our UK and Malaysia campuses.

“It also acknowledges the significant input of our staff and research students in furthering understanding in this field and driving forward new initiatives.”

Worldwide, around a billion people are hungry and nearly 200 million children are severely malnourished. With the world’s population expected to increase from seven billion to nine billion by 2050, coupled with climate change, the challenge of feeding the world has never been more pressing.

Professor Saul Tendler, Pro-Vice-Chancellor for Research, said: “The award of a Queen’s Anniversary Prize is an enormous honour for the University and our School of Biosciences in particular.

“This award recognises the outstanding achievements of colleagues involved in this research. Global Food Security is critically important for present and future generations, and The University of Nottingham is perfectly placed to meet some of the key scientific challenges that this issue raises.”

The University’s campuses in Malaysia and China are playing a growing role in its Global Food Security research. The University of Nottingham Malaysia Campus is co-host of the first ever Crops for the Future Research Centre (CFFRC) in partnership with the Government of Malaysia.

The Centre, specifically designed to evaluate underutilised crops from all corners of the world, is at the heart of an international effort to seek out which crops have the potential to be grown for human sustenance or on a commercial basis for food, pharmaceuticals or biomaterials in the climates of the future.

Professor Jerry Roberts, academic lead of the University’s Global Food Security Priority Group and Dean of the Graduate School, said: “Staff at The University of Nottingham have been training agricultural scientists from across the world for over a century.

“Our internationally acclaimed research is focused on the provision of a safe and secure supply of nutritious food and this task will become even more acute over the coming years. The recognition of our work with the award of a Queen’s Anniversary Prize provides the perfect incentive to meet and overcome the challenges of the next decade.”

Global Food Security is one of the University’s priorities in research — key areas of critical mass in which a combination of expertise and investment are having real impact, using the expertise of many different academics including life- and physical scientists, engineers and social scientists.

It is also a key project within Impact: The Nottingham Campaign, a five-year drive to raise £150m which will enable the University to change lives, tackle global issues and shape the future.

Additional stories online:
• Sequencing the tomato genome
  http://tiny.cc/4rz3sw
• Tracking endangered elephants with satellite technology
  http://tiny.cc/gsz3sw
• Revolutionising the early detection of cancer
  http://tiny.cc/vsz3sw
• Violence is inevitable, according to far-right parties
  http://tiny.cc/qtz3sw
A collaboration with GlaxoSmithKline will create a new centre of excellence in sustainable chemistry.

The GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry will be based on the University’s Jubilee Campus and its construction is being supported by a £12m grant from GSK.

The facility will focus on research that is of particular relevance to the pharmaceutical industry and which complements established expertise at The University of Nottingham. It will also deliver advanced undergraduate teaching and outreach to the wider scientific community to embed sustainable chemistry principles in the next generation of scientists.

The centre of excellence will serve as a global hub to catalyse new collaborations with other institutions and industry partners and will bring together leading UK academics, postgraduate and postdoctoral researchers and GSK chemists, developing expertise in sustainable chemical synthesis.

The focus on sustainability will be reflected in the building itself, which will incorporate the latest technologies to allow it to be carbon-neutral over its lifetime. The laboratory will be built from natural materials and energy required to run the laboratory will be met by renewable sources such as solar power and sustainable biofuel. Excess energy created by the building will provide enough carbon credits over 25 years to pay back the carbon used in its construction.

Professor Chris Rudd, Pro-Vice-Chancellor for External Engagement, said: “This laboratory is an excellent example of collaboration between universities and industry. It shows how businesses can benefit from the knowledge and expertise of our world-leading research base and will help keep us at the very forefront of life sciences.

“The development will be transformational in several dimensions: the built form will break new ground in sustainable construction; the centre of excellence will shape the future of drug discovery; and innovation in training and development will accelerate the translation of discovery to application.”

Construction of the laboratory is expected to be completed during 2014. It will be one of the first laboratory buildings designed to Building Research Establishment Environmental Assessment Method (BREEAM) ‘Outstanding’ standard, and will be located on the University’s Jubilee Campus – an exemplar of brownfield regeneration, with buildings that demonstrate best practice in renewable energy technologies and environmentally-friendly design.

GSK has a number of existing relationships with the University including providing support through postgraduate chemistry studentships, delivering a medicinal chemistry module to third year undergraduate chemists and offering opportunities for fourth year MSci project students to participate in live GSK research programmes. The University continues to provide GSK with high quality chemists for industrial placements, graduate and postgraduate roles.

Sir Andrew Witty, Chief Executive Officer of GSK, said: “The Carbon Neutral Laboratory will help affirm the UK as a global hub for the future of the life-sciences industry. Our vision is that the science researched within the laboratory will be as iconic as the building itself. This is an opportunity to invest further in science in the UK, re-think how we approach the drug discovery process and play a role in contributing to environmental stewardship.”

A new chair in Sustainable Chemistry, based at the Laboratory, will be jointly funded by GSK and the Engineering and Physical Sciences Research Council.

The creation of the Chair is part of a wider research agenda into sustainability and green chemistry at the University, and will have a particular focus on research of relevance to the pharmaceutical industry. This new investment in sustainable chemistry will help to further strengthen the UK as a leader in life-sciences while contributing to environmental stewardship.

The Chair will be responsible for developing and sharing best practice in green chemistry and catalysing new collaborations with other institutions and industry partners. The role will also be pivotal to successfully attracting top UK academics, postgraduate and postdoctoral researchers to Nottingham and helping to embed sustainable chemistry principles in the next generation of scientists.

Additional stories online:

• Romax moves to University of Nottingham Innovation Park http://tiny.cc/ruz3sw
• Cummins Innovation Centre opens http://tiny.cc/dvz3sw
• Aerospace business funds £3m innovation centre http://tiny.cc/tvz3sw
• Major EU project for Promethean Particles http://tiny.cc/Bku3sw
Global Reach

A commitment to global partnership is at the heart of Nottingham’s mission. The University’s reach extends far beyond its campuses in the UK, China and Malaysia, to encompass higher education partners across the world.

A year-long project with partner universities in India, South Korea and North America has helped to build and develop new research networks, and deepen Nottingham’s engagement in these key geographical regions. Building Global Engagements, funded by the Engineering and Physical Sciences Research Council, saw Nottingham engaging with 30 universities in these three countries.

The project focused on three key concerns which form strategically important areas of research at Nottingham – Energy, the Digital Economy and Quantum Technologies – to develop a platform for delivery of internationally-leading research. Activities spanned workshops, delegations, PhD internships and exchanges, academic scoping visits and feasibility projects.

Through these catalysing activities, the University has been able to develop foundations for the long term as well as work that is already yielding advances. Nottingham’s expertise in developing cold-atom quantum technologies led to collaborative research and grant applications with Rutgers University in the USA. The relationship, cemented by these catalysing activities, has progressed from individuals on both sides having mutual research interests, to both groups actively exploring opportunities to collaborate together on future large scale projects.

A highly successful Graduate School, held over a week in Goa, was delivered in conjunction with IISER Pune (Indian Institute for Science Education and Research). The school was the first of its kind in India devoted to the new field of quantum technology with a focus on cold atom physics. It was attended by 50 early stage graduates and final year undergraduates, resulting in the University being able to position itself in the hub of this new and fast growing community within India.

Nottingham’s pioneering campus in Malaysia attracted attention at the highest levels in 2012.

The University of Nottingham Malaysia Campus (UNMC) hosted David Cameron as part of an official two-day trip – part of the first official visit to Malaysia by a British Prime Minister in almost 20 years. He was joined by the Malaysian Prime Minister, Datuk Seri Najib Tun Razak, in a visit that served to emphasise the strength of ties between the two countries.

Both Prime Ministers attended a meeting of the Global Movement of Moderates held on campus, followed by a Q&A session on global politics including around 100 UNMC students. In his speech, David Cameron expressed his gratitude to Prime Minister Najib, who was instrumental in developing the UNMC campus in its previous capacity as Education Minister of Malaysia.

Mr Cameron said: “It is great we are able to do this at the Nottingham University Campus in Malaysia, the first full campus of a British university overseas. A really pioneering partnership...that represents the best of British, the best of Malaysia.”

Professor David Greenaway, Vice-Chancellor, said: “To have the Prime Ministers from both countries at the campus is a great honour, but also symbolically very powerful. It is now 12 years since UNMC was established, during which time it has helped pioneer the globalisation of higher education.”

In China, the University launched a new joint venture in collaboration with the East China University of Science and Technology. The Shanghai Nottingham Advanced Academy (SNAA) represents the latest stage in Nottingham’s engagement with China.

The SNAA will deliver joint courses in Shanghai including periods of study in Nottingham UK, with teaching and research at undergraduate, postgraduate and doctoral levels. Primary areas for collaboration at the Academy will be in the fields of life sciences, green technology, aerospace, and global food security – all of which are key strengths of The University of Nottingham and the East China University of Science and Technology.

These subject areas will complement what is offered at the flourishing University of Nottingham Ningbo China campus, in nearby Zhejiang province, which was established in 2004 and now has more than 5,500 students.

Professor Hai-Sui Yu, Pro-Vice-Chancellor for Internationalisation, said: “Our vision for the Academy is to develop an international hub of higher education, research, training and business engagement of the highest quality in science and technology through dynamic partnerships between universities, industries, and government organisations. At the Academy, future generations of industry and academic leaders will undertake unique undergraduate and postgraduate courses and doctoral training within a research-led and industry-focussed environment.”

Additional stories online:

• Strengthening links with Ethiopia http://tiny.cc/ryy3sw
• UK-India initiative http://tiny.cc/zyy3sw
• Developing Solutions celebrates ten years http://tiny.cc/yyb3sw
• New Africa office opens in Accra http://tiny.cc/zyy3sw

Global Reach
The launch of the University’s biggest ever fundraising campaign marked a successful first year – more than half way towards its £150m target.

Impact: The Nottingham Campaign raised more than £80m in its opening year. From individuals to multinational companies, alumni, staff, students and friends of the University, support for the Campaign has been global and local.

The Campaign is already helping to change lives, tackle global challenges and shape the future. The first Nottingham Potential Learning Centre opened on the city’s Broxtowe Estate thanks to a major gift from the David Ross Foundation. The Centre is supporting some of the city’s brightest and most promising school children to help them realise their full potential regardless of their socio-economic background.

Delivered by the University in partnership with education charity IntoUniversity, Nottingham Potential is providing new learning centres in the community to support pupils from the ages of 7-18, including one-to-one support with homework, literacy and numeracy, coursework, exams, GCSE options and A-levels, careers advice and applications to university. Many children have already benefited.

A significant gift from GlaxoSmithKline will enable construction of the GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry on the University’s Jubilee Campus. This facility will be a centre of excellence for sustainable chemistry and will be transformational both in terms of the design of the building and the science researched within it, which will shape the future of drug discovery and application.

Professor Chris Rudd, Pro-Vice-Chancellor for External Engagement, said: “The Campaign has seen an incredible start and the strides we have made so far are testament to the support of alumni, staff, students and friends of the University. We have got to this point with the help of many, many people and I look forward to continuing this success as the Campaign moves forward towards its fundraising goal.”

Underlining his own personal commitment, Professor Rudd has taken part in two Life Cycle rides – 1,000-mile sponsored bike rides across the UK. He was among a team of staff riders led by the Vice-Chancellor who raised almost £500,000 for two Campaign projects, Nottingham Potential and the Sue Ryder Care Centre for the Study of Supportive, Palliative and End of Life Care, based at the University.

The latest Life Cycle challenge saw the riders pedal from Cape Wrath in the north-west of Scotland to Dover on the south-east coast of England over 14 days, joined by dozens of volunteer riders on the community leg between Lincoln and Nottingham. More than a hundred others walked or cycled around the University Park campus to help boost the final fundraising total.

University staff more widely have also played their part, with more than 400 signing up to donate the small change from their pay each month, to raise money for the HeartLight project. HeartLight, developed at the University, is a tiny, hand-free electronic heartrate sensor which rests on a baby’s head and allows for uninterrupted resuscitation. More than 130 of the University’s student telephone fundraisers donated an hour of their pay to help provide scholarships and bursaries for future Nottingham students.

Many donations from University alumni and friends support Cascade — a fund which supports student projects enhancing the lives both of the students themselves and many people around the world. Recent grants helped medical students and clinicians distribute second-hand orthotic equipment to Uganda for free whilst another helped students at the University’s Sutton Bonington Campus set up a farmers’ market, a winner in the BBC Radio Four Food Awards.

The Campaign went global in its first year, with the University establishing two charitable foundations to support the work of its China and Malaysia campuses. The aim is to help talented students — particularly those in financial need — to develop young academic talent and to grow the University’s research priorities across the world. Campaign activity is focused on five strategic themes — The Nottingham Experience, Health and Well-being, Nurturing Talent, Ingenuity and Sustainable Futures.

www.nottingham.ac.uk/impactcampaign

Additional stories online:
- Royal visit marks 25 years of excellence in occupational health http://tiny.cc/f1z3sw
- Top national GPs role for Professor http://tiny.cc/s1z3sw
- Olympic inspiration http://tiny.cc/91z3sw
- Students raise £1.3m for good causes http://tiny.cc/n2z3sw
Our Environment

Nottingham was recognised as a ‘trailblazer’ in environmental practice after winning one of the most prestigious accolades in UK higher education.

The University won the award for ‘Outstanding Contribution to Sustainable Development’ at the Times Higher Education Awards 2012. Judges praised the University for its sector-leading approach to environmental practice, and for embedding sustainability in everything it does – from the way new buildings are constructed to the way energy is generated and used on campus.

The University’s Carbon Management Plan saw more than £1.5m invested in 71 carbon reduction projects in its first year.

Patrick Finch, bursar and director of estates at the University of Bristol and one of the Times Higher Education Awards judges, said Nottingham had been a ‘trailblazer’ for environmental best practice, but “there is no sense of resting on laurels… In both the innovative approach to estate development and the determination to embed best sustainability practice across the university, Nottingham has again shown the way.”

In 2012 the University achieved a reduction in its carbon emissions for a second successive year – a decrease of more than 1,000 tonnes – despite increasing student numbers and an increase in the number of buildings.

Other highlights include:
• £800,000 invested in cycle facilities, including new cycle lanes, parking, storage and a cycle hire scheme.
• New buildings on campus designed to be low-carbon in order to meet BREEAM (British Research Establishment Environmental Assessment Methodology) ‘Excellent’ rating.
• A combined heat & power plant was recommissioned at the King’s Meadow Campus; this combusts gas to provide electricity and heat in a much more efficient manner, reducing CO2 by 280 tonnes. Similar low-carbon options are being considered for the University Park and Sutton Bonington campuses.
• 98 per cent of the University’s 10,000 PCs brought onto the PowerMan system, switching them to a low-power mode after a period of inactivity.
• A teaching and learning Grand Challenge to include sustainability in curricula, and help students to gain practical skills and knowledge.

Chris Jagger, Chief Estates and Facilities Officer at The University of Nottingham, said: “By adopting progressive strategies, we have put sustainability at the heart of operations on campus. This award is a tribute to the skill and dedication of colleagues who are working hard to reduce the environmental impact of our activities – it’s fantastic that they have been recognised by the Times Higher Education.”

Nottingham is ranked as one of the world’s most sustainable universities.
Community engagement takes place across the breadth of University life – on campus, in the city and in the countryside. From schools, faculties and departments, to individual students and members of staff, Nottingham played an active and positive role in the community during 2012.

A free exhibition of rarely-seen artworks at Lakeside Arts Centre was an unprecedented success. The exhibition of L S Lowry paintings and drawings attracted more than 46,000 people from across the UK – more visitors to the University’s Djanogly Art Gallery during its 12-week run than are typically received in an entire year.

The exhibition featured 90 works, many of which had never been exhibited as a collection before, including a substantial number loaned by The Lowry Collection in Salford. It examined LS Lowry’s output from the 1920s to the mid-1950s, from his early forays into the urban landscape to the point at which he began to achieve commercial success and national popularity.

Pupils from 30 local schools visited as part of enrichment activity for literacy, art and creative writing. The exhibition also led to a Schools Literacy Project carried out by postgraduate students in the University’s School of English, while a public programme included tours by curators, art historians and mentored University students, as well as a study day of illustrated lectures.

Held in association with the Crane Kalman Gallery, London, the exhibition was generously supported by Sir Harry and Lady Djanogly and The Lowry Collection in Salford.

Across the city, celebrations were held to mark a special anniversary in Nottingham’s industrial heritage. The University and a local community theatre group led a project to celebrate the 125th anniversary of Nottingham-based Raleigh – the world’s oldest bicycle company.

Raleigh’s story began in 1887 when Sir Frank Bowden bought an interest in a small bicycle shop based on Raleigh Street in the City of Nottingham. During its 125-year history, the company became famous for its innovative bicycle designs. Despite leaving its factory site on Triumph Road – now home to the University’s Jubilee Campus – the company has retained strong links with Nottingham and the company’s headquarters remains close by, just outside the city in Eastwood.

The Raleigh project, which involved staff from the University’s Schools of Education, History, English and Computer Sciences, engaged with the local community to celebrate the history and heritage of the company. Local residents and primary school pupils joined with former Raleigh employees and students based at the University’s Jubilee Campus to mark the anniversary in a series of events, including a Raleigh-based lecture series, chaired discussions and talks, a cycling film festival, community theatre production and even a 1950s-style cycling proficiency test for local schoolchildren.

Another special anniversary was celebrated on University land near its Sutton Bonnington Campus.

Working with the Woodland Trust, the University marked the Queen’s Diamond Jubilee in a way that will benefit the community for generations to come. A 60-acre ‘Diamond Wood’ was planted to celebrate 60 years of the Queen’s reign – with hundreds of local residents, staff, students and schoolchildren helping to plant more than 40,000 trees.

The Diamond Wood at Sutton Bonnington is one of 60 planted across the country, part of a national celebration creating new areas of native woodland. The new woodlands created will provide a rich habitat for wildlife and living, breathing spaces for people to enjoy for generations to come.

The University aims to incorporate footpaths, activities and open spaces at the site for visitors to use and enjoy, and to ensure that local residents continue to take a keen interest in the development of the new woodland on their doorstep.

Dr Paul Greatrix, Registrar, said: “The University is committed to the communities around all its campuses and we are delighted our activity has engaged so many people. Social responsibility goes to the heart of what this university is all about, and we work very hard to demonstrate that throughout the institution, throughout the year.”

Additional stories online:
• Excellent Ofsted report for NUSA http://tiny.cc/v3z3sw
• Launch of INTOUniversity Nottingham West http://tiny.cc/d4z3sw
• Curious minds: exploring the arts and humanities http://tiny.cc/v4z3sw
• Apprenticeships offer new opportunities http://tiny.cc/o6z3sw

The University plays an active and positive role in the community.
Sustaining Excellence

New facilities for teaching, research, student services and business engagement were opened as the University underlined its reputation for first-class infrastructure. With an emphasis on sustainability, all new buildings are designed to the highest environmental standards to minimise carbon emissions across Nottingham's campuses.

Development of the Jubilee Campus saw a string of new buildings opening over the year. The £15m Institute of Mental Health (IMH) is a partnership between the University and Nottinghamshire Healthcare NHS Trust and features specialist laboratories, training rooms, offices and meeting rooms.

The IMH combines outstanding academic research and world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice, and aims to help transform our understanding and treatment of mental illness, through world-class clinical practice.

The £5m Centre is at the heart of the University’s Institute for Aerospace Technology, and will ultimately house more than 100 staff, including secondees from industry. Researchers will work on specific projects to develop new aerospace technology and on ways to transfer that knowledge more effectively from academia to industry.

Neighbouring this facility is another new arrival – the £6m Energy Technologies Building – which provides a catalyst for the University’s research into low-carbon innovations and is the first venue in the city to offer a hydrogen production and refueling station.

The Energy Technologies Building is set to become the UK’s most advanced research facility into new energy innovations and offers an extensive range of features, including a laboratory for low-carbon research and the Wolfson Prototyping Hall, a testing facility to enable experts to create full-scale building sections and other building features to test their energy efficiency.

The Chinese Ambassador and Lord Prescott opened the Si Yuan Centre, built to house the University’s new School of Contemporary Chinese Studies (SCCS), a leading international institute dedicated to research and degree programmes about the study of China. The SCCS was established in 2007 to bring together the former Institute of Contemporary Chinese Studies with the China Policy Institute and the prestigious Nottingham Confucius Institute.

The low-carbon, £4m facility on the Jubilee Campus provides a peaceful and creative environment for teaching and the study of Chinese language and culture. It will also be used for the display of visiting exhibits and Chinese artefacts and for hosting Sino-UK business engagement events.

On the University Park Campus, the Orchard Hotel opened its doors. Designed to complement the University-owned DeVere Venues East Midlands Conference Centre next door, the £20m hotel complex provides top-class accommodation with extensive facilities including a roof garden, brasserie and gym.

The Orchard Hotel has been built to the highest environmental standards, featuring state-of-the-art technology to minimise carbon emissions including a green roof, photovoltaic panels, energy-efficient lighting, heating and ventilation systems. It is available for use by conference delegates, university visitors, local businesses and the general public.

University Park also saw the completion of extension and refurbishment work on Highfields House, providing a purpose-built base for the Centre for Advanced Studies and the Graduate School. The architects’ sympathetic design is in keeping with the grade II listed former mansion house — improvements include renewable technologies and a cloister around a central courtyard.

The University’s new £5m School of Nursing, Midwifery and Physiotherapy Education Centre offers flexible classrooms, a four-bed bay skills suite, virtual learning hub and a large multidisciplinary library.

Its location at the Royal Derby Hospital will give students access to facilities already on offer at the adjacent School of Graduate Entry Medicine and Health and will place students at the heart of quality patient care facilities, offering the chance to draw on the expertise of specialist NHS nurses based on the site.

Additional stories online:
• David Willetts opens Institute for Advanced Manufacturing
  http://tiny.cc/07z3sw
• New eco-hotel unveiled on campus
  http://tiny.cc/68z3sw
• Sino-UK Geospatial Centre opens
  http://tiny.cc/86z3sw
• Award-winning museum moves into new home
  http://tiny.cc/98z3sw

Chris Jagger, Chief Estates and Facilities Officer, said: “A first-class university needs first-class infrastructure. Students and staff expect nothing less and it is only right that they should benefit from these stunning new facilities, which underline our commitment to sustainable architecture and construction.”
Timeline of the Year

2011

October

University launches the biggest fundraising campaign in its 130 year history

November

Asia Business Centre opens at the Jubilee Campus

December

Students raise more than £1.3m for good causes

2012

January

Professor Marion Walker receives an MBE in the Queen’s New Year Honours

February

Queen’s Anniversary Prize presented at Buckingham Palace

March

New agreements strengthen teaching and research links with Ethiopia

April

UK Premier David Cameron visits University of Nottingham Malaysia Campus

May

Romax agrees move to University of Nottingham Innovation Park

June

Olympic torch makes its way through Jubilee Campus

July

University awarded a tenth consecutive Green Flag Award

August

LifeCycle 2 raises more than £250,000 for Nottingham Potential

September

Award-winning author joins University as Professor of Creative Writing
Financial Highlights and Summary

Financial highlights

<table>
<thead>
<tr>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>£m</td>
<td>£m</td>
</tr>
<tr>
<td>Funding Body Grants</td>
<td>139</td>
</tr>
<tr>
<td>Tuition Fees and Education Contracts</td>
<td>185</td>
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<tr>
<td>Research Grants and Contracts</td>
<td>100</td>
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<tr>
<td>Other Income</td>
<td>06</td>
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<tr>
<td>Total Income</td>
<td>542</td>
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<tr>
<td>Surplus for the year</td>
<td>14</td>
</tr>
<tr>
<td>Total Net Assets</td>
<td>365</td>
</tr>
</tbody>
</table>

Business overview

The University of Nottingham continues to be one of the leading research and teaching institutions in the world.

The Sunday Times University Guide 2012 stated: “Of all the British universities, Nottingham has embraced internationalisation the most.” The Times Good University Guide 2013 reports “Nottingham regained its status as the most popular university in Britain at the start of 2012, when it bucked the national trend with a nine per cent rise in degree numbers growth has been nearly 3% for home and over 5% for tuition fees from both home and international students. This has been higher than the expectations prior to the reductions in grant funding in advance of the increase in UK and EU undergraduate fees to £9,000 for the 2012 cohort created increased uncertainty as to the precise intake numbers for the academic year starting in September 2012.

Under the new UK student fee regime there is a reduction in funding from HEFCE, which is expected to be offset by the increased student fees. Most students will continue to be able to apply for a loan from the Student Loan Company (SLC), which will then pay the University the fees owing. Students will repay the loans from the SLC after they graduate, subject to their earnings and certain time limits.

There is also increasing competition amongst Universities for the best qualified UK students with controls over student numbers being removed for those with AAB qualifications or better, and this will be extended to ABB and better for 2013/14. This will impact the majority of UK students who study at Nottingham.

Recruitment of high quality international students is also a risk given increased focus on immigration rules and increasing competition from other institutions in the UK and internationally. These changes may have an impact on the recruitment of new students by the University of Nottingham and the UK sector as a whole for 2012/13 and future years.

The University was also awarded a share in a £67m investment in postgraduate training for future biocentists to learn the skills required to meet economic and social challenges for the future. The investment, from the Biotechnology and Biological Sciences Research Council (BBSRC), includes support for 14 Doctoral Training Partnerships (DTPs) across the UK as well as a number of industrial scholarship awards from the Centre for the Advancement and Support of Education (CASE)

Consolidated Reserves have risen from £18.2m to £19.4m, a net increase of £1.2m. This results principally from the surplus for the year of £24.1m, the increase in assets in UNNC of £7m offset by an actuarial loss on the pension scheme of £30.4m.
Global Review 2012

Financial Highlights and Summary

Income analysis
Tuition fees are the largest income stream representing nearly 36% of total income and this proportion will continue to rise as grant funding is cut-back and research awards become more competitive. Income diversification is key to maintaining income growth with the new hotel providing enhanced facilities to the University’s already successful conferencing business.

Capital expenditure and financing
The University continues to invest in its teaching and research infrastructure and student facilities, combining with partner institutions where appropriate. Nearly £235m has been spent on capital projects over the last 5 years with £60m being spent in 2011/12 (2010/11: £62m), of which £21m was funded by capital grants, the balance from operational surplus and working capital.

Expenditure analysis
Staff costs at 57% of total costs have fallen slightly as a proportion but remain the largest cost category. Over 76% of total staff costs related to Teaching and Research staff.

Financial Review

Income analysis

Capital expenditure and financing

Expenditure analysis

Cash and Liquidity

Student analysis

In the 2012 National Student Survey the University’s scores increased across all question categories compared to 2011 with the amount of increase exceeding the average for all universities, except in the area of assessment and feedback where the University nonetheless still achieved strong improvement recognising the efforts it had targeted in this area.

Conclusion

The University continues to deliver strong financial results whilst still investing in its core activities and its students. Nottingham has maintained its status as one of the most popular universities securing the required student intake despite the changes to the fees regime which has seen greater uncertainty in the higher education market and resulted in some institutions failing to recruit to target. The University recognises the challenges and the opportunities faced within the sector and is confident that it has the strategies to meet the challenges and to continue to deliver excellence in teaching, research and the student experience.

Colin Gillespie,
Treasurer & Chair of Finance Committee
23 October 2012
Consolidated Income and Expenditure Account

For the Year Ended 31 July 2012

<table>
<thead>
<tr>
<th>Note</th>
<th>2012 £m</th>
<th>2011 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Income</td>
<td>520.3</td>
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<td></td>
<td>EXPENDITURE</td>
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<td>6</td>
<td>Staff Costs</td>
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<td>Other Operating Expenses</td>
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<td>Depreciation</td>
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<td>Interest and other Finance Costs</td>
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<td>Total Expenditure</td>
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<td>13</td>
<td>Share of profits in associated companies</td>
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<td>14</td>
<td>Surplus for the year after associates</td>
<td>23.9</td>
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<tr>
<td>22</td>
<td>Net Surplus for year retained within general reserves</td>
<td>54.1</td>
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</table>

The consolidated income and expenditure of the University and its subsidiaries materially relate to continuing operations.

If you require this publication in an alternative format, please contact us: t: +44 (0)115 951 4591 e: alternativeformats@nottingham.ac.uk

Financial Highlights and Summary

Global Review 2012

Balance Sheet

As at 31 July 2012

<table>
<thead>
<tr>
<th>Note</th>
<th>2012 £m</th>
<th>2011 £m</th>
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<tbody>
<tr>
<td></td>
<td>FIXED ASSETS</td>
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<td>10</td>
<td>Carbon Reduction Commitment</td>
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<td>11</td>
<td>Goodwill</td>
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<td>12</td>
<td>Tangible Assets</td>
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<td>13</td>
<td>Investments</td>
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<td>Total Income</td>
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<td>INVESTMENT PROPERTIES</td>
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<td></td>
<td>ENDOWMENT ASSETS</td>
<td>32.7</td>
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<td>CURRENT ASSETS</td>
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<tr>
<td>15</td>
<td>Stocks</td>
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<tr>
<td>16</td>
<td>Debtors</td>
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<td></td>
<td>Short Term Investments</td>
<td>11.9</td>
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<td></td>
<td>Cash at Bank and in Hand</td>
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<td>Total Current Assets</td>
<td>71.3</td>
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<td>17</td>
<td>Creditors: Amounts falling due within one year (152.1)</td>
<td>(135.5)</td>
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<td>NET CURRENT LIABILITIES</td>
<td>(80.8)</td>
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<td>18</td>
<td>Creditors: Amounts falling due after more than one year (26.1)</td>
<td>(10.9)</td>
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<td>NET ASSETS EXCLUDING PENSIONS LIABILITY</td>
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<td>32</td>
<td>Net Pensions Liability</td>
<td>(81.4)</td>
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<td>TOTAL NET ASSETS INCLUDING PENSIONS LIABILITY</td>
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<td>19</td>
<td>Deferred Capital Grants</td>
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<td>21</td>
<td>Permanent</td>
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<tr>
<td></td>
<td>TOTAL FUNDS</td>
<td>359.7</td>
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</tbody>
</table>

The financial statements were approved by Council on 23 October 2012 and signed on its behalf by:

PROFESSOR DAVID GREENAWAY
Vice-Chancellor
CHRIS THOMPSON
Chief Financial Officer

PROFESSOR DAVID GREENAWAY
Vice-Chancellor
CHRIS THOMPSON
Chief Financial Officer

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Global Review 2012