Our determination to make a demonstrable impact, both globally and locally, made 2013 a memorable year for Warwick.

We hosted a successful Global Universities Summit, leaving an indelible mark on the world stage. Our international status was further enhanced by the advancement of our Global Research Priorities (GRPs). Recognition for our strong research reputation came in the form of a Regius Professorship for Mathematics. We also undertook our first Massive Open Online Course (MOOC), attracting subscribers from as far afield as Indonesia, Peru and Iran. Our association with the Large Hadron Collider project helped bring our research in physics to the fore. We strengthened cross-continent connections with universities, industry and research funding organisations.

Our international impact was replicated closer to home. An independent study highlighted an annual contribution of around £520m to the local economy.

In 2013, we announced some ambitious developments, including the WMG Academy for Young Engineers, the Institute for Nanocomposites Manufacturing, the National Automotive Innovation Centre (NAIC) and new Centres for Doctoral Training. These initiatives will build on our links with business and industry, laying the foundations for a bright future.

Much of that future will be shaped by our talented staff and students, who again excelled themselves in accumulating an array of accolades.

Unquestionably, 2013 was a year we recall with great pride. We hope you find our 12-month retrospective similarly rewarding.

Professor Nigel Thrift
Vice-Chancellor and President
WARWICK

We’re globally-connected, forward-looking and entrepreneurial. We create new ways of thinking and achieving: making us stand out from our competitors and the more ‘traditional’ universities, creating an inspiring place to study and undertake research.

Warwick is one of the UK’s big success stories. In under 50 years we’ve become one of the UK’s top ten universities and we’re rapidly climbing the international league tables of world-class institutions.

To understand how Warwick has come so far in such a short space of time is to understand the character of the University. Our success, underpinned by innovation, entrepreneurialism and academic excellence, is driven by the exceptional talent of our staff, students and alumni.
FACTS AND FIGURES 2013

Turnover £459.6m
Capital investment £35.5m
Academic Fees and Support Grants £190m
Other operating income £106.4m*
Charitable donations received £13.4m
Surplus for the financial year £19.5m

*includes residences, catering, conferences and management training centres

A full copy of the University of Warwick's accounts for 2012/13 can be downloaded from www.warwick.ac.uk/finance
## Our People

<table>
<thead>
<tr>
<th>Category</th>
<th>Total (%)</th>
<th>Undergraduate (UG)</th>
<th>Postgraduate (PG)</th>
<th>Non-UK (PG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of students</td>
<td>23,872</td>
<td>12,840</td>
<td>9,775</td>
<td>9,340</td>
</tr>
<tr>
<td>Including Undergraduate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postgraduate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-UK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Graduate Employment

**92%** of our 2012 graduates with first degrees were working, in further study or both.

**94%** of our 2012 graduates with higher degrees were working, in further study or both.

Source: Destination of Leavers from Higher Education survey, carried out six months after graduation.

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Number</th>
<th>Intake (Home and EU, full- and part-time students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants</td>
<td>28,365</td>
<td></td>
</tr>
<tr>
<td>Intake</td>
<td>4,208</td>
<td></td>
</tr>
</tbody>
</table>

### Faculty Populations

- **8%** Medicine
  - UG 44%, PG 56%
- **12%** Arts
  - UG 84%, PG 16%
- **35%** Science
  - UG 37%, PG 63%
- **45%** Social Science
  - UG 47%, PG 53%

**Total number of staff** 5,429

Including Academics/Researchers 1,764
Making a Regional Impact

Our Impact in the West Midlands

In 2013, we published the results of an independent study by consultants SQW into our regional impact. The report highlighted that we contribute around £520m a year to the regional economy, and support 15,500 jobs across the West Midlands.

Innovation

WMG (formerly Warwick Manufacturing Group) has developed a close relationship with Jaguar Land Rover, a major employer in the region. Jaguar Land Rover has located 180 of its research and development staff on campus as part of a programme which will generate £100m of collaborative research over ten years.

WMG have also led the Premium Automotive Research and Development Programme (PARD) designed to assist the automotive supply base in the region. An independent evaluation concluded that it has assisted 60 businesses, generated £55.5m in value added and safeguarded 5,496 jobs.

Education and Training

In 2012/13 the University of Warwick was ranked as the best university in the Midlands by all four major UK university league tables. Warwick graduates were ranked as the number one target for the UK’s top recruiters and account for 3% of the West Midlands’ population with NVQ Level 4 qualifications and above, a significant proportion of the region’s highly skilled labour force.

23,226 graduates registered as still living in the West Midlands. Approximately 14% of our alumni.

520 Warwick Medical School students worked in the region’s hospitals and GP surgeries in 2011/12. University teaching hospitals also help keep talented graduates working in the local area after they finish their studies. The University’s association with our local hospitals helps attract world-leading consultants and medical researchers to the region, whose expertise directly benefits local people through cutting-edge treatment and care.
Our Economic Impact

The University directly spends around £306m in the West Midlands each year, and our staff and students further boost the regional economy with their expenditure.

When this is all added up, weighted for seasonal differences and indirect ‘multiplier-effects’, the total value of our economic impact in the region during 2011/12 was estimated to be worth £520m to the West Midlands.

Within this total, we generated almost £351m in the Coventry and Warwickshire sub-region, £222m in the city of Coventry, £84m in Royal Leamington Spa and £20m in Kenilworth. SQW calculated that this expenditure, combined with direct employment by the University, supports around 15,500 jobs (full-time equivalents) in the West Midlands, of which around 10,900 are in Coventry and Warwickshire.

These figures are based only on our direct financial expenditure and that of our staff and students. The economic impact of the our presence in the region is likely to be much greater – including financial benefits from international students, their friends and families visiting the area; attracting inward regional investment through our track-record of excellence in innovation and research; as well as our work with local schools.

Launching in 2014, the WMG Academy for Young Engineers is an innovative University Technical College for 14–19 year olds. Sponsored by the University of Warwick and business, the Academy already has a range of employee partners helping to shape the curriculum, setting projects and who will mentor students. Our partners include: Jaguar Land Rover, National Grid, Bosch, Squires Gear, Dassault Systemes, Ricardo, SCC, Prodrive, Tata Motors and Automotive Insulations.

The last 12 months have seen huge progress for the WMG Academy. The funding was approved for the project to go ahead by the Department for Education and the Education Funding Authority; a Trust Board was appointed and a Principal, Mrs Kate Tague was recruited. Ground was broken on the physical building project on Mitchell Avenue, just a short walk from our campus, and student recruitment began in earnest with two incredibly successful open days attracting over a thousand prospective students and parents.
Global Connections

We are one of the UK’s most culturally-diverse universities, with 8,350 international students from 72 different countries on campus at the time of the 2012 study. Our international students make up 40% of all Warwick Volunteers, and organise events like One World Week, which, with over 200 student volunteers, is arguably the world’s largest student-run international event.

As well as the direct economic benefits to regional tourism created by visiting family and friends, our international students act as ambassadors for the region. Over 45,000 international alumni are resident in 193 countries and 83% of our international students would recommend the University of Warwick – more than the national average.

Warwick Volunteers in Leamington Spa

In 2012/13 Warwick Volunteers ran 23 different projects with 11 schools in Leamington Spa. One of the schools that Warwick Volunteers developed strong links with is Sydenham Primary School. Our volunteers substantially increased children’s reading levels and built their aspirations, confidence and self-esteem by providing them with positive role models.

Local Food Heroes

Chris Maughan, English & Comparative Literary Studies, and Laura Buchanan, Life Sciences, were named West Midlands Local Food Heroes 2013, as part of a Big Lottery Fund-supported project making locally-grown food accessible and affordable to communities.
Warwick Arts Centre

Warwick Arts Centre is one of the biggest outside London, attracting more than 230,000 visitors to around 1,500 different theatre, dance, music, comedy and visual arts events.

Big name visitors in 2013 included Paloma Faith, John Cooper Clarke, Jools Holland, Jimmy Carr, Stewart Lee, Paul Merton and Harry Hill.

In 2013 the Arts Centre ran its second ‘This_Is_Tomorrow’ programme, bringing artists and Warwick academics together to provoke new ideas. The 2013 residency led to the development of Bank On It by Theatre-Rites, a site-specific, interactive promenade performance for children which saw a disused building in Coventry turned into a beautiful and thought-provoking magical bank, exploring the resources that money can and cannot buy.

Culture and community

We’re at the heart of our local community – our staff and students live, study and work across the region. Warwick Volunteers is one of the UK’s largest and most popular student volunteering schemes. It attracts 2,500 registrants each year and its mentoring scheme alone has been estimated to have a social-economic worth of £1m to the local community.

£1.6m
the amount the University have committed to spending annually on outreach, widening participation and improving access by 2016.

£200,000+
funding from the University for the Connect to Kenilworth cycling route.

2,500
registrants for Warwick Volunteers every year.

£27.7m
estimated total value to the local economy of Warwick Arts Centre.

62%
of visitors to Warwick Arts Centre come from Coventry & Warwickshire.
IN 2013 WE...

...were again ranked among the top 10 universities in the UK and the top West Midlands university in the combined 
*Times* and *The Sunday Times’* University Guide.

...were ranked third 3rd in the world for the second year running by the QS table of the world’s top 50 universities under 50 years of age (making us the highest ranked European university in the table).

...topped the list of universities targeted by the top 10 employers in 2013.

...officially opened our Learning Grid Leamington.

...hosted the Global Universities Summit in London.

...partnered with the City of Coventry, to host the UK Corporate Games, Europe’s largest multi-sport festival for business.

...hosted the UK’s first International Baccalaureate (IB) World Student Conference.

...announced Alice Oswald as the winner of the 2013 Warwick Prize for Writing for Memorial, an original poem which is a reworking of Homer’s *Iliad*.

...formed a new partnership with the RSA (Royal Society for the Encouragement of Arts, Manufacturers and Commerce) to inspire disadvantaged young people to apply to university.

...hosted the world’s largest student-run international event, bringing the campus to life through parades and performances, along with debates, sports events and cultural exhibitions.

...signed an agreement with WMG and Jaguar Land Rover to construct the National Automotive Innovation Centre (NAIC), a unique £100m R&D facility for the UK automotive industry.

...launched a two-year Commission to undertake a holistic investigation into the ‘Future of Cultural Value’. The Commission aims to gather the evidence and arguments to energise debates about the future of investment and engagement in our cultural lives.

...opened our state-of-the-art £5m Phytobiology Facility which focuses on fundamental plant science research related to securing high-quality food provision for future generations.

...hosted Warwick Economics Summit, the largest student-run academic conference in Europe.

...launched our first Massive Open Online Course (MOOC), which was fully subscribed in under 48 hours.

...ran TEDx Warwick, with Building Bridges as the conference theme.
2013: OUR RESEARCH IN REVIEW
From giant cosmic explosions and baked beans to the science of diamonds, it was another eventful year for our research teams here at Warwick. Here are just some of our research activities:

**Genes for Beans**
Scientists at our Warwick Crop Centre at Wellesbourne launched a research project utilising the latest DNA sequencing technology to enable British farmers to grow one of the UK’s favourite foods. Baked beans in tomato sauce are a staple of the British diet, but currently the beans (navy, or haricot beans) can only be grown outside of the UK. The researchers will be mapping the genes governing the traits needed for the navy bean to thrive in the UK climate.

[www.warwick.ac.uk/lifsci/wcc](http://www.warwick.ac.uk/lifsci/wcc)

**Death Star**
A team of our astrophysicists identified a new type of exceptionally powerful and long-lived cosmic gamma-ray explosion, which they believe arise in the death of a supergiant star.

**A Vibrant New Community**
Warwick Medical School invested £4m for research in the field of Microbiology and Infection, creating a vibrant new research community of around 20 staff and postgraduate students. Researchers will benefit from state-of-the-art laboratory facilities, including a MiSeq high-throughput sequencing instrument.

[www.warwick.ac.uk/wms](http://www.warwick.ac.uk/wms)

**Mysterious missing anti-matter**
Members of our Experimental Particle Physics Group took part in an international collaboration aiming to solve the mystery of missing anti-matter in the Universe. The T2K experiment resulted in the definitive observation of muon neutrino to electron neutrino transformation – a process which could explain why the Universe has more matter than anti-matter.

Dr Gary Barker (left) and Dr Steve Boyd, Department of Physics
Sharing the News

Researchers from our Centre for Complexity Science, and Warwick Business School (WBS) published their results from a six-year study of the Financial Times which found that the more frequently a company is mentioned in the newspaper in the morning, the greater the volume of shares are traded in that company during the day.
World-first for WMG

WMG announced it is to create a £4.1m International Institute for Nanocomposites Manufacturing, a first of its kind in the world. The Institute will house state-of-the-art facilities which will enable industry partners to innovate their manufacturing technologies to produce polymer nanocomposites.

Shine Bright Like a Diamond

We received a funding boost from the Engineering and Physical Sciences Research Council (EPSRC) to create four Centres for Doctoral Training (CDT) to nurture the brightest PhD students. The four centres focus on the areas of real-world mathematics, molecular analysis, cities and the science of diamonds.

Modern Italian Culture

Our Italian experts took on a central role in a new research project looking at how modern Italian culture has developed around the world. The project has been awarded £1.8m by the Arts and Humanities Research Council (AHRC) and aims to forge a new framework for the discipline of Modern Languages as a whole; one which puts the interaction of languages and cultures at its core.
TOGETHER WE’RE MAKING A DIFFERENCE

COLLABORATIVE ‘REAL-WORLD’ RESEARCH
Warwick, WMG and Jaguar Land Rover are joining forces to build the National Automotive Innovation Centre (NAIC), a unique Research and Development facility for the UK automotive industry.

The iconic £100m building will create an environment to foster collaboration, cohesion and cross-fertilisation of knowledge, combining national and international expertise from industry, universities, supply chain companies and SMEs.

More than 900 staff from academic and industry teams from WMG, Jaguar Land Rover, Tata Motors European Technology Centre and other partners will collaborate on research projects to deliver world-class breakthrough products, processes and services.
Molecular Messages
Researchers at our School of Engineering have collaborated with York University in Canada to create a molecular communications system for transmitting messages and data in challenging environments. The team of scientists believe their simple system could have a wide range of applications in areas where electromagnetic signals cannot be used, such as tunnels, pipelines, underwater and within the body.

www.warwick.ac.uk/eng/research/communications

Transnationalising Modern Languages
We’re working with the Universities of Bristol, St Andrews, Edinburgh and Queen Mary, London to explore translation, multilingualism, as well as language policies and language rights in migration contexts. The initiative is one of three “Translating Cultures” beacon projects funded by the Arts and Humanities Research Council (AHRC) and involves partnerships with communities and organisations across the globe.

www.warwick.ac.uk/research/priorities/connectingcultures

Beijing Collaboration
Professor Lord Bhattacharryya, Chairman of WMG visited the University of Science and Technology Beijing (USTB) to sign a Memorandum of Understanding which will create a long-term collaboration partnership in research and knowledge transfer.

Tackling local and global energy challenges with the National Grid
We launched a partnership with the National Grid to tackle global energy challenges as well as local issues such as skills and employment. The partnership will focus on three broad themes – joint research into energy security and sustainability, adult and executive education for National Grid employees, and projects to benefit communities in the Midlands.

Preserving the Past
Bringing together knowledge and expertise from several departments, our researchers teamed up with Queen Mary, University of London, to help Waddesdon Manor, a National Trust country house in Buckinghamshire, open up part of its internationally famous collection. Thanks to that collaborative digitalisation and cataloguing work, academics and the wider public can now view Waddesdon’s treasures for free, online.
Searching for the Higgs Boson

Our academics are collaborating with around 3,000 physicists worldwide on ATLAS, a particle physics experiment in the Large Hadron Collider (LHC) at the CERN laboratory which is exploring the fundamental nature of matter and the basic forces that shape our Universe.

The vast project has shown what collaboration can achieve – using the LHC, the group has found a particle bearing a striking resemblance to the predicted characteristics of the Higgs boson. The Warwick ATLAS research team is among those searching for ‘the Higgs’, and contributes to the software controlling an intricate system which decides within milliseconds whether to record a collision event for further analysis.

www.warwick.ac.uk/physics/research/epp
Everyone likes a good story. And at Warwick we have compelling characters; each taking on quests into new areas of research; returning with new findings and tales to tell. In 2013, the Knowledge Centre formed a digital gateway to our world-class experience. It’s where we share the stories of those taking part in our mission to be a world leader in research and teaching.

In 2013, those stories offered answers to some of the big questions of the year. Following the impact of the economic crisis on businesses like Comet, HMV and Woolworths, the Knowledge Centre asked ‘Is there a future for the British High Street?’ Feeling more philosophical, Dr Guy Longworth asked ‘What’s it like to eat a chocolate hobnob?’ And, returning to the issues of the day, the Knowledge Centre brought together global thinkers to look at the role universities play in economic growth.
Universities and Economic Growth

The Knowledge Centre featured a series of articles from thought leaders in higher education to accompany the Global University Summit, hosted by Warwick in May 2013. The Summit, in London, brought together vice chancellors from across the globe with business leaders, policy makers and globally-minded politicians including London Mayor Boris Johnson.

Series contributors included Dr Nemat Shafik, Deputy Managing Director of the IMF, Dirk Van Damme, Head of the Innovation and Measuring Progress division at the OECD and Dr Wendy Piatt, Director General and Chief Executive of the Russell Group. An extract from Dr Piatt’s piece follows:

“All the evidence shows our leading research-intensive universities are the engine room of long-term, sustainable growth and prosperity. Russell Group universities are major contributors to the economy in their own right, supporting more than 270,000 jobs and generating an economic output in excess of £30 billion a year. This benefit is spread right across the UK and, in many of our major cities up and down the country; universities are key contributors to the regional economy...

Russell Group universities contribute out of all proportion to their size – just 24 universities account for more than 60 per cent of the spin-out companies which survive for three years or more.

Higher education overall is one of this country’s most successful export industries and is estimated to contribute more than £8.2 billion a year in overseas earnings – on a par with earnings from the export of electrical equipment or manufactured food products. In Sheffield alone, international students pump £120 million into the local economy every year.

And the contribution from our universities is growing apace. The economic impact has increased from £8.2 billion to £30 billion in just one year. That’s seven per cent growth at a time when growth across the whole economy was flat.

Our universities are far removed from the image of remote ivory towers. A recent report by the World Economic Forum ranked the UK among the best countries in the world for business-university collaboration.

The skills and expertise developed by one student at the University of Warwick Business School helped to rejuvenate the management techniques and company culture within a local manufacturing SME...

In highly developed economies such as the UK, growth increasingly needs to come from investments in research, innovation and human capital – all areas in which the role of universities is critical...

The Chancellor rightly recognised the importance of research last year when he explained his approach to scientific investment to the Royal Society and said: “Let us identify what Britain is best at – and back it.”

To read the full text, along with more articles, photographs and audio recordings visit www.warwick.ac.uk/knowledge/business/gus
Our Global Research Priorities (GRPs) bring together experts from across the University to focus Warwick’s world-class multi-disciplinary research on important global challenges. We aim to make a significant contribution towards the resolution of some of the world’s most pressing issues.

In 2013, we provided funding and support for the following research themes: Behavioural Science, Connecting Cultures, Energy, Food, Global Governance, Innovative Manufacturing, International Development, Materials, Science and Technology for Health, Sustainable Cities.
The Human Zoo

Our Behavioural Science GRP academic leads Professor Nick Chater and Professor Daniel Read were involved in a BBC Radio 4 series, *Exploring Behaviour in the Human Zoo*.

[www.warwick.ac.uk/research/priorities/behaviouralscience](http://www.warwick.ac.uk/research/priorities/behaviouralscience)

Record-breaking Racing

Our Innovative Manufacturing GRP worked with Drayson Racing to develop a lightweight racing car, which went on to set a new land speed record for an electric vehicle. GRP researchers were involved in the development of recycled carbon fibre panels which were used on the Drayson car, with testing and characterisation work carried out at the University on the vehicle’s electric motor to enable the maximum power possible to be achieved.

[www.warwick.ac.uk/research/priorities/innovativemanufacturing](http://www.warwick.ac.uk/research/priorities/innovativemanufacturing)

Governing Global Finance

During 2013, the Global Governance GRP participated in Warwick’s ongoing collaboration with the Industry and Parliament Trust by bringing together Members of Parliament, leading representatives of the banking and finance sector and Warwick academics to discuss the theme of Governing Global Finance: Escaping Parliamentary Control? Alongside the Director of the British Bankers Association, Anthony Brown, Professor Jan Aart Scholte led a lively discussion which led to a follow up training session for Parliamentarians on the topic of EU Financial Governance.

[www.warwick.ac.uk/research/priorities/globalgovernance](http://www.warwick.ac.uk/research/priorities/globalgovernance)

Power to the People

We’re leading a collaboration of three universities, the British Geological Survey, academics from across the STEM subjects, economists and industry partners to shape the future of the UK’s energy network. The research team aims to address the challenges facing our energy networks to ensure we can continue to keep our homes warm, our lights on and kettles boiling.

[www.warwick.ac.uk/research/priorities/energy](http://www.warwick.ac.uk/research/priorities/energy)
Decision Support, Bayesian Networks and Food Security

We’re investigating the potential for decision-based graphical modelling – specifically Bayesian (or Belief) Networks, and their dynamic counterparts – to examine the complex inter-relationships involved in food security. As a result of the Food GRP’s feasibility study into the ‘Use of Bayesian Networks for Food Security’, Professor Jim Smith (Statistics), along with co-investigators from Sociology and Life Sciences, won a three-year EPSRC award to develop systems to explore the effectiveness of countermeasures to food insecurities.

Future Foodscape

In October, we held an outdoor event around the Warwick campus: ‘Future Foodscape: Grow Warwick’. This interdisciplinary collaborative initiative used the arts to imagine what growing food locally might mean in the West Midlands; it was the second stage of a multi-stage international project, financed by the Warwick Research Development Fund.

www.warwick.ac.uk/research/priorities/foodsecurity

Venice Debate

Our Connecting Cultures GRP took part in Venice’s International Festival of Literature (‘Incroci di Civiltà’). We sponsored a debate on ‘Writing and Translating for the World’ by a team of international experts including Luisa Valenzuela, Alicia Stallings, Amanda Hopkinson, and Warwick’s Professor Maureen Freely. More than 100 people attended the event, which was held in the Palazzo Pesaro Papafava, Warwick’s permanent base in Venice.

www.warwick.ac.uk/research/priorities/connectingcultures
WE’VE ACHIEVED...

Underpinning any success Warwick is able to achieve is its people. Here, we highlight just some of those who excelled in 2013, providing a representative example of our many significant achievements.

Our Mathematics Institute received a highly prestigious Regius Professorship by the Queen to mark her Diamond Jubilee. A Regius Professorship is a rare privilege, and a reflection of the exceptionally high quality of teaching and research at an institution. The Department is among a select group of 12 institutions across the country to be awarded the title.

A number of our academics received prestigious Fellowships in 2013:

**ESRC Professorial Fellowship**
- Professor Celia Lury, Centre for Interdisciplinary Methodologies (CIM)
- Professor Matthew Watson, Politics and International Studies

**Fellow of the British Academy**
- Professor Stella Bruzzi, Italian
- Professor Stuart Elden, Politics and International Studies

**Fellow of the Royal Society**
- Professor Keith Ball, Mathematics
- Professor Gareth Roberts, Statistics

**Fellow of the Royal Society of Edinburgh**
- Professor Keith Ball, Mathematics

**Higher Education Academy National Teaching Fellowship 2013**
- Dr Nicholas Monk, Institute of Advanced Teaching and Learning (IATL)

**Wolfson Research Merit Awards**

Professor Jane Hutton of the Department of Statistics and Professor Andrew Stuart of the Mathematics Institute received Royal Society Wolfson Research Merit Awards.

Professor Hutton was recognised for her work on statistical models for medical research, patient care and decision-making, and Professor Stuart for his work on the Bayesian approach to inverse problems. His area of research underpins applications in fields such as climate change, oceanography and weather forecasting.

Top Overseas Honorary Professorship – University of Science, Technology Beijing
Professor Sridhar Seetharaman, from WMG, who leads work on physico-chemical aspects of iron and steel manufacturing with an emphasis on energy efficiency, low carbon and reduction of emissions, received a prestigious honorary Professorship at the University of Science, Technology Beijing.
WE’VE ACHIEVED...

Hoover Institution Research Fellowship
- Professor Mark Harrison, Economics

Leverhulme Trust Major Research Fellowship
- Dr Karen Tang, History of Art
- Professor Victor Tadros, Law

Lister Research Prize Fellowship
- Dr Anne Straube, Warwick Medical School

Royal Society Industry Fellowship
- Dr Kurt Debattista, WMG

Royal Society University Research Fellowships
- Dr Thomas Blake, Physics
- Dr Vladimir Dokchitser, Mathematics

Society for the Advancement of Economics Theory (SAET) Economic Theory Fellowship
- Professor Peter Hammond, Economics

Our people also received many other awards, prizes and accolades, including:

Honorary Doctor of Laws, Monash
- Professor Nigel Thrift, Vice-Chancellor and President, received an Honorary Doctor of Laws from Monash University.

Appointed Lady Mayoress of Coventry 2013–2014
- Shirley Crookes, our Head of Student Support Services was appointed Lady Mayoress of Coventry, 2013–14.

Académie Française
- Professor Michael Edwards, founding member of Warwick’s French Department and Head of English & Comparative Literary Studies 1992–1995, was elected to the Académie Française.

AAG Meridian Book Award 2013 for Outstanding Scholarly Work in Geography
- Professor Stuart Elden, Politics and International Studies, for his book The Birth of Territory

Australian Academy of Sciences 2013 Le Fèvre Memorial Prize
- Professor Sébastien Perrier, Chemistry

British Association of Cleaning in Higher Education (BACHE) Best Practice Award 2013
- Estates Office Cleaning Team

Association for Computing Machinery (ACM) Distinguished Member 2013
- Professor Graham Cormode, Computer Science

Institution of Engineering and Technology (IET) Sir Monty Finniston Award for Achievement
- Professor Christopher James, WMG

St Francis College Literary Prize
- Professor David Vann, English and Comparative Literary Studies

French Society of Neuroendocrinology and Servier 2013 Award
- Dr Matei Bolborea, Research Fellow, Life Sciences

Orwell Prize
- Professor Andrew Williams, Law received the 2013 Orwell Prize for Political Writing

Outstanding New Teacher of the Year
- Charna James, Sociology (2006–2009) was named Outstanding New Teacher of the Year (Midlands Region) 2013 Pearson Teaching Awards

Honorary Doctor of Laws, Monash
- Professor Nigel Thrift, Vice-Chancellor and President, received an Honorary Doctor of Laws from Monash University.

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OSCA winners

We recognise our students’ talent through our OSCA (Outstanding Student Contribution Awards). The 2013 recipients were:

- **Muhammed Ali Chaudhry**, Philosophy, Politics and Economics, for his work as leader and founder of educational charity Renaissance Pakistan. The charity seeks to bring quality education to some of the most under-privileged children in Pakistani cities.

- **Siraj Datoo**, French with International Studies, for his role as Co-Founder and Editor-in-Chief of The Student Journals (TSJ) and as a freelance journalist, specialising in articles on human rights and foreign policy and affairs.

- **Aimee Hardaker**, Psychology, for her creation of Warwick Mind Aware, a society which campaigns to raise awareness for mental health.

- **Jure Jeric**, Philosophy, Politics and Economics, for his role as Editor of the journal Reinvention: an international journal of undergraduate research.

- **Sophie Potter**, Italian, for her role as Student Calling Team Manager and as President of World@Warwick, the University’s largest cultural society which aims to promote cultural understanding and integration.

More accolades

- **Jenny Quigley-Jones** was chosen to represent Warwick at the G20 Youth Forum in St Petersburg, Russia. The Forum is the largest international event for young leaders, with over 1,500 representatives from business and government.

- **Stephanie Esuola** won Law Undergraduate Student of the Year, at the annual TARGETjobs Undergraduate of the Year awards. Stephanie was the first female student to win this award.

- **Warwick Glee** won Master of Show Choir 2013 at the national Masters of Show Choir competition.

- Warwick students picked up several awards at the National Student Drama Festival.

- **Warwick’s Taekwondo club** won Best Overall Club at the British Student Taekwondo Federation National Championships.

- **Warwick TV** won two awards at the National Student Television Association Awards 2013. Warwick TV also won the prestigious Warwick Society of the Year Award.

- **Warwick Men’s Rugby** became the first English champions to win the Milan International 7 tournament.

- **Warwick’s student newspaper The Boar**, was voted Student Publication of the Year by the Guardian’s student section ‘Ones to Watch’.

- **Warwick Finance Society, Warwick PPE Society, Warwick Entrepreneurs and Warwick Rowing** were all winners at the RBS Enterprising Students Society Awards for enterprise.
Our Teaching and Learning Excellence

www.warwick.ac.uk/ldc/tandl/excellence

We’re committed to supporting teaching excellence across the institution, and approach Teaching and Learning through the themes Assessment and Feedback; Evaluation and Reflection; Student Engagement; Research-led teaching; Technology-enhanced learning and Open Space Learning. As part of our series of Physics Christmas Lectures, our Physics Department’s Ogden School Teaching Fellow Ally Caldecote hosted a fun, gravity-defying lecture, enlisting the audience’s help to launch hundreds of rockets.
Recognising Excellence

We recognise and reward our inspiring teachers through our Warwick Awards for Teaching Excellence. Our 2013 ‘WATE’ recipients were:

**The Butterworth Memorial Teaching Award**
Christine Smith, Learning and Development Centre

**The Warwick Awards for Teaching Excellence**
Antony Brewerton, University of Warwick Library
Louise Gracia, Warwick Business School
Professor Robin Naylor, Department of Economics
Ashley Roberts, Warwick Business School

**WATEPGR Awards**
The Warwick Awards for Teaching Excellence for Postgraduate Research (WATEPGR) recognise and celebrate postgraduate research students who teach or demonstrate and who have made a positive impact on the student learning experience while enhancing the profile of Warwick’s teaching excellence. The 2013 recipients were:

Selin Cooper, Life Sciences
Timothy Dodworth, Law
Jonathan Durham, French Studies
Eyre Hover, Engineering
Joseph Jackson, English and Comparative Literature

Teaching Fellowships

Warwick’s exceptional teaching has also been recognised by the Higher Education Academy (HEA) who have awarded ten National Teaching Fellowships to colleagues across the institution. In 2013, the Fellowship went to Dr Nick Monk of our Institute for Advanced Teaching and Learning (IATL).

Dr Nick Monk, HEA National Teaching Fellow 2013

Dr Nick Monk is Assistant Professor and Deputy Director of Warwick’s Institute for Advanced Teaching and Learning (IATL). He is also adjunct Associate Professor in the Faculty of Arts at Monash University, our partner institution in Australia. He became a Higher Education Academy (HEA) National Teaching Fellow in 2013, and received Warwick’s Butterworth Award for Teaching Excellence in 2008/9. He runs workshops across the University faculties, for our Learning and Development Centre, and for the Graduate School Skills Programme.

His other research interests include contemporary American fiction, and performance and performativity. He edited a collection on interdisciplinary approaches to Cormac McCarthy (Routledge 2011), and has contributed to the Cambridge Companion to Cormac McCarthy (2013).

He led the development of a suite of interdisciplinary modules designed to be wholly ‘cross-faculty’. Modules include human-animal studies, applied imagination, re-inventing education, and climate change. In Spring 2013, Nick co-taught his own interdisciplinary module, ‘Forms of Identity’, with Monash University in Melbourne.

Nick runs workshops across the University faculties for departments as diverse as Chemistry, Business, Theatre and Sociology. He also works with the Learning and Development Centre on themes such as networking, workshop facilitation, and teaching for creativity.

We were delighted to welcome internationally-renowned Shakespeare scholar Professor David Schalkwyk, as Academic Director of ‘Global Shakespeare’, an innovative partnership between ourselves and Queen Mary, University of London. The programme aims to shape the future research agenda in 21st century Shakespeare studies across all platforms including criticism, performance, history, and media from television to digital reproduction. It will explore creative historical and contemporary approaches as to why ‘Global Shakespeare’ is so relevant to scholars, performers, practitioners, artists, teachers and above all, the next generation of students.

Monash–Warwick Joint Professorships

The Monash-Warwick Alliance made its first joint research appointments. Leading polymer chemists – Professor Tom Davis and Professor Sébastien Perrier – joined the Alliance to work in the rapidly emerging field of nanomedicine.

The Monash-Warwick Joint PhD was launched and three students were admitted onto the degree to conduct research in Re-imagining the Italian South: Subjectivity and Migration in Contemporary Literature and Cinema; Electrochemistry, Energy and Electromaterials; and Aesthetic Modernity.

At undergraduate level, 20 students from Monash and Warwick completed the jointly taught, pilot interdisciplinary module Forms of Identity; the inaugural International Conference of Undergraduate Research (ICUR) was organised by a Monash-Warwick student and staff team and Monash Motorsport hosted Warwick Racing for the Formula SAE Australasian competition.

The Monash-Warwick Alliance represents an innovation in higher education. By combining their strengths, the two institutions will accelerate the exchange of people, ideas and information, and exploit the opportunities offered by their different geographies.

GLOBAL SHAKESPEARE

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Teaching and Learning Showcase

We held a Teaching and Learning Showcase in Summer 2013, enabling colleagues to exchange good practice and reflect more broadly on teaching and learning strategies, exploring new approaches and sharing experiences.

The event was open to all staff and students with an interest in the development of teaching and learning and was organised by the Learning Development Centre, the Library and the Institute for Advanced Teaching and Learning (IATL).

The main theme for the day was Engaging Students. Topics covered included: creativity; Beyond the Classroom and Using Resources in New Ways.

New scholarships for Indian students

We added to our extensive range of scholarships with a new package of 17 awards for Indian Master’s students for 2014 entry.

The scholarships are aimed at India-domiciled applicants with an excellent academic record who wish to study a taught Master’s degree starting in 2014. They are available for the following Departments:

- Centre for Cultural Policy Studies
- Economics
- Engineering
- Life Sciences
- Law: Upendra Baxi Scholarship
- Politics and International Studies
- WMG

Vice-Chancellor and President Professor Nigel Thrift said:

“The University of Warwick has long-established links with India, both through our student population and our research collaborations. These awards further strengthen our ties to India and we look forward to welcoming the brightest and best Indian students to Warwick.”

Q-Step

We were one of 15 UK universities selected to host ‘Q-Step’, an ambitious £19.5m programme designed to address the critical shortage of social scientists with the quantitative skills needed to evaluate evidence and analyse big data.

The Programme is funded by the Nuffield Foundation, the Economic and Social Research Council (ESRC) and the Higher Education Funding Council for England (HEFCE).

A network of ‘Q-Step Centres’ will be formed, delivering undergraduate programmes in quantitative social science. These will include the development of new courses, production of new content for existing courses, experimenting with new ways of teaching, as well as work placements and pathways to postgraduate study.

“Q-Step Warwick will position Warwick globally as one of the leading universities of the digital age. By setting up new degrees in Sociology, and Politics and International Studies, Q-Step Warwick plans to redress the UK’s skills deficit and to help position the UK as a global leader in the social sciences as they respond to the opportunity to improve the human condition offered by advanced quantitative data analysis.”

Dr Emma Uprichard, Q-Step Warwick programme leader
In May we hosted the sixth Global Universities Summit in central London. The 2013 Summit focused on the relationship between universities and economic growth, bringing together university leaders, senior international businesspeople, politicians and ambassadors to debate issues of global importance.

We welcomed 150 delegates representing 27 countries and more than 70 universities from around the world to the Summit, which meets annually and prepares a declaration of commitment and policy recommendations on a theme of topical and mutual interest for the G8 Summit of world leaders. The GUS’s Declaration was sent to the G8 Summit meeting hosted by Prime Minister David Cameron in June 2013.
Internationally excellent research

In 2013 we continued to build on our strong research reputation, winning international and European awards exceeding £2m in income, with stellar research recognition in the form of a Regius Professorship for Mathematics, plus ERC and major international research grants.

We launched research collaborations with leading institutions in key developed and emerging research economies including Brazil, China, India, Indonesia, USA, Singapore and South Africa, supported by our International Partnership Funds as well as Government-led funding initiatives.

2013 saw three recent major research grant successes in areas that were initially supported through the Monash Warwick Alliance seed fund (CSIRO Flagship Cluster in Superannuation; AHRC Transnationalizing Modern Languages: Mobility, Identity and Translation in Modern Italian Cultures; and the NHMRC project on the effect of aspirin in healing venous leg ulcers).

19 new Monash Warwick research collaborations were supported by the Alliance in areas ranging from hybrid vehicle driving performance to Systems Biology and Regenerative Medicine. The Australian Research Council awarded two national Centres of Excellence to Monash, with a combined award value of $454 million, which are built on the vision of joint research teams including Monash-Warwick Professors.

Shaping our international community

We have one of the most diverse campus-based student communities in the UK, and in 2013 we welcomed more new overseas students onto campus than ever before. The number of nationalities represented on campus increased to 156 (including the UK), from countries including Algeria, Antilles, Cuba, Ecuador, Kyrgyzstan, and Nicaragua.

We welcomed delegates from institutions across the country for the Warwick Integration Summit. This innovative event examined how universities and students’ unions can work together to encourage integration between international and domestic students, and highlighted some of the best practice in place at Warwick.

All of our students are encouraged to have a global experience, regardless of whether or not they leave the campus. In 2013 the Go Global Fund was established, providing opportunities for student societies or individuals to internationalise the Warwick experience through a project.

World rankings

We climbed the world rankings in 2013, being named 3rd in the world of the top 50 universities under 50 years old, in the QS World University Rankings. Ten of our departments were ranked within the top 50 in the world. Our reputation with employers scored 100% in the QS World University Rankings 2013/14. We are one of only 15 universities worldwide to achieve this score, with other universities including Harvard, Oxford, Yale and MIT.
Strengthening ties

2013 saw us develop and strengthen ties with our partners around the globe including universities, industry and research funding organisations.

- The Department of Politics and International Studies launched enhanced dual Master’s with partner institutions in Germany and Singapore.
- In the USA, enrolment began for degree courses at the Center for Urban Science and Progress (CUSP) campus in New York, with the inaugural course, Warwick Data Analytics MSc, offering a unique international flavour.
- Our relationships with the research funding agencies in Brazil were strengthened by a visit to Warwick by representatives of the 27 state funding councils of Brazil, and by visits to the state funding council for São Paulo, enabling us to promote the world-class research taking place here at Warwick and the opportunities for collaboration with Brazil’s leading research institutions.
- The Indonesian Institute of Science (LIPI) included Warwick as one of only three HE institutions on its itinerary for its visit to the UK in December, resulting in the signing of an agreement to support the development of collaborations between Warwick and institutions in Indonesia.
- In Europe, we opened a Brussels Office and launched a European Strategy Team to further strengthen our ties with European partners and position ourselves to engage fully with Europe.

Creating opportunities

Agreements with some of the world’s most prestigious funding organisations continued to grow in 2013.

In February, our Vice-Chancellor and President Nigel Thrift accompanied UK Prime Minister David Cameron and a delegation of British universities and businesses on a tour to India. During the visit, we were pleased to announce our enhanced range of scholarships specifically for Indian nationals.

Links with Latin American funding bodies were strengthened and created, providing new opportunities for applicants from Peru, Ecuador and Chile.

Three new funding agreements with Chevening Scholarships, funded by the Foreign and Commonwealth Office, were established for students in Laos, Cambodia and Burma.

We also participated in celebrations in Kazakhstan for the 20th anniversary of the Bolashak International Scholarship Programme.

We welcomed our 30th student intake onto the Higher Education Foundation Programme, (which from 2014–15 will be known as the Warwick International Foundation Programme) enabling students from international high school systems to progress to a UK university degree. The course recruited students from over 42 countries in 2013.

New agreements were signed supporting student exchange opportunities with institutions such as St Petersburg State University, Russia, the University of Witwatersand, South Africa and the University of Tokyo.

Two of our students were awarded the Chinese Government Scholarship for 2013/14 in the first year of Warwick’s participation in the scheme, sponsored by the Ministry of Education in China.

Teaching Maths and English in Africa

Our Warwick in Africa programme continued to transform Maths and English teaching in Sub Saharan Africa. More than 140 volunteers, including 60 Warwick students, staff and Coventry and Warwickshire schoolteachers provided teaching, mentoring and training for teachers in summer 2013, in 25 rural and urban townships in Ghana, South Africa and Tanzania.
Providing renewable energy in Uganda

Six of our Engineering undergraduate students spent the summer constructing three small-scale hydro-electric power schemes for rural communities in far western Uganda. The project provided lighting in homes, shops and schools, allowing villagers to install a computer in the local school and lengthen the teaching day and charge mobile phones to open up communication in an otherwise isolated community. They were also able to install water pumps to irrigate crops on the hillside.

IGGY online educational network launched in Pakistan

IGGY, our international, social and educational network for gifted young people, launched in Pakistan. IGGY gives members aged 13–18 access to interactive educational resources and allows them to work with top academics, student mentors and other gifted young people around the world to exchange ideas, debate, learn and explore in a safe environment. The network has over 2,500 Members from more than 32 countries, including Pakistan. IGGY’s official launch in Pakistan took place in November 2013 at Lahore College for Women University. www.IGGY.net.