BIRMINGHAM HEROES
NOBEL PRIZE WINNERS

2016
PHYSICS PRIZE
DEEPENING OUR UNDERSTANDING OF EXOTIC MATTER
Professor David J. Thouless
Professor J. Michael Kosterlitz

2016
CHEMISTRY PRIZE
PIONEERING MOLECULAR MACHINES
Professor Sir J. Fraser Stoddart
TRANSFORMATIVE CAPITAL DEVELOPMENTS

A stunning new Main Library

£60m development opened September 2016

Outstanding facilities which embrace new technology

40% increase in student usage over the first term

UNIVERSITY OF BIRMINGHAM
TRANSFORMATIVE CAPITAL DEVELOPMENTS

Dental Hospital and School of Dentistry
Opened March 2016

Lapworth Museum of Geology
Opened June 2016

Alan Walters Building for taught postgraduate students in the Business School
Opened September 2016

Acquisition of 301 Broad Street and Birmingham Life Sciences Park
QUALITY AND INNOVATION IN EDUCATION

An outstanding Higher Education Review

The most positive outcome of all institutions in the UK to date

Highest rating possible in areas such as the quality of learning opportunities for our students

Collaborative Teaching Laboratory

Brings together practical teaching across science and engineering

Planned opening autumn 2018

School of Engineering

Opens up future opportunities for new programmes and research opportunities

UNIVERSITY OF BIRMINGHAM
DELIVERING **WORLD-CHANGING RESEARCH**

**£656M LIVE RESEARCH AWARDS**
(2,645 PROJECTS)

- **High Temperature Research Centre**
  - £60m collaboration with Rolls-Royce

- **World Shakespeare Congress**
  - 800 Shakespeare scholars from 48 countries, along with distinguished writers and performers

- **Birmingham Institute of Forest Research**
  - Step-change in understanding how forests will respond to future increases in atmospheric CO2

- **UK Quantum Technology Hub**
  - Birmingham has triggered more than £10m of industry investment in quantum technology

- **Exploiting Birmingham's strength in life sciences**
  - Major awards for clinical trials, and research in cancer, inflammatory diseases and rheumatology
INTERNATIONAL PARTNERSHIPS

University of Melbourne

- Research, education, and cultural engagement
- £2m joint Priestly PhD Fellowships in engineering

University of Illinois at Urbana-Champaign

- Joint research fellowships
- Over 55 cross-faculty links

UNIVERSITY OF BIRMINGHAM
INTERNATIONAL PARTNERSHIPS

China

Joint energy storage research lab with State Grid Corporation of China

Beijing Jiaotong University – partnership signed for a high-speed railway research laboratory

Jinan University partnership to deliver Mathematics courses

Guangzhou Municipal Government
ECONOMIC, SOCIAL, AND CULTURAL IMPACT OF THE UNIVERSITY OF BIRMINGHAM
WE CONTRIBUTE £3.5 BILLION EVERY YEAR TO OUR ECONOMY

THIS EQUATES TO THE COST OF BUILDING 7 FLAGSHIP HOSPITALS OR 140 STATE-OF-THE-ART SECONDARY SCHOOLS.
OUR TOTAL IMPACT

- **39%**
  - Teaching and learning
  - £1,340.7m

- **5%**
  - Exports
  - £160.2m

- **25%**
  - Research
  - £884.9m

- **31%**
  - Direct, indirect and induced impacts
  - £1,095.4m

100%
Total economic, social and cultural impact
£3,481.2m

UNIVERSITY OF BIRMINGHAM
OUR ECONOMIC IMPACT

The impact of the University’s spending and that of our students is £1.09bn per year.

£678.8m is generated within Birmingham’s economy.

£951.8m is in the West Midlands.

Our economic impact has grown by 59% in 10 years.

We are one of the largest employers in the region – 7,200 staff.

Almost 1 in every 50 jobs in Birmingham depends on the University of Birmingham.
THE VALUE OF **TEACHING AND LEARNING**

**OUR TEACHING CONTRIBUTES £1.34BN TO THE ECONOMY**

We are giving more young people the chance to study at university

**More than 22,000 pupils** participate in our schools outreach activity annually

**Our undergraduate population:**
- 80% from state schools
- 23% from lower socio-economic backgrounds

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**WE HAVE 34,160 STUDENTS AND 100,000 ONLINE LEARNERS**
The University of Birmingham had a big impact on me when I first entered the Year 10 residential summer school programme, and the subsequent academic enrichment programme opened my eyes to medicine. From then on I knew that was my calling, so I buckled down, got on with my studies to get into the University of Birmingham... Everything I learned I am now relating and putting into practice when I am treating every single patient that comes through the door.

Dr Shayan Ahmed, New Cross
Hospital Wolverhampton
We are a net importer of talent and skills to the region

- 24% of our students come from the West Midlands
- 48% stay here after graduation

We are developing the region’s healthcare sector

- Almost 1,700 people who completed their studies with us in 2014-15 work in the healthcare sector
- 87.5% of students are in graduate-level jobs or further study within six months of graduating

We are developing entrepreneurs

- In 2014-15 we supported our students and graduates to start over 50 new businesses
The value of research and knowledge transfer

Every £1M invested in our research by the UK Research Councils generates an additional £12M for the economy.

Our research is world leading
- 81% of research rated as internationally world leading (3*) or excellent (4*)
- 30 subject areas classed as world leading

Our research and knowledge transfer activity is worth £885m

We are driving innovation
- 154 records on invention and 119 new patent applications filed in 2014–15
- 30 active University spin-out companies

University of Birmingham
EIGHT ADDITIONAL INTERNATIONAL UNDERGRADUATE STUDENTS WOULD ADD £1M TO THE ECONOMY

Our international students contribute £160.2m to the economy

Advocates for Birmingham and the UK around the world

3,852 international students started studying with us in 2014-15

We have 300,000 alumni across the globe

Every year 1,000 students benefit from international exchange programmes
OUR SOCIAL AND CULTURAL IMPACT

Success at Rio 2016. Golds for:

- Lily Owsley MBE and Sophie Bray MBE - GB Hockey
- Pam Relph MBE - LTA Mixed Coxed Four
- Lora Fachie MBE - Tandem B 3000 Pursuit
- Paul Manning MBE – Women’s Cycling Coach

Our academics gave **2,280 days** to supporting cultural activities (more than six years!)

We have three museums, an art gallery, a botanic garden and **two concert halls** bringing cultural richness to the community.
OUR SOCIAL AND CULTURAL IMPACT

6,018 STUDENTS VOLUNTEERED THEIR TIME

More than 262,000 individuals attended public events at the University

Our research and teaching supports entrepreneurs and leaders in some of the most challenging sectors across the globe

The University of Birmingham School is the most oversubscribed comprehensive school in Birmingham
A UNIVERSITY WITH IMPACT

We contribute £3.5bn every year to the economy

Our teaching contributes £1.34bn to the economy

Every eight additional international undergraduate students would add £1m to the economy

Every £1m invested in our research by the UK Research Councils generates an additional £12m for the economy

Almost 1 in 50 jobs in Birmingham depend on the University of Birmingham
Lord Bilimoria of Chelsea
Chancellor
Francesca McDonagh
Head of Retail Banking Wealth Management UK and Europe, HSBC