THE GLOBAL UNIVERSITY AT THE HEART OF AN AMBITIOUS CITY

Professor Sir David Eastwood
University Annual Meeting
12 March 2015
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BIRMINGHAM – a university continuing to rise

THE GLOBAL UNIVERSITY IN AN AMBITIOUS CITY

64TH
IN QS WORLD UNIVERSITY RANKINGS

64

UNIVERSITY
OF THE YEAR
2013–2014

THE TIMES
THE SUNDAY TIMES

Best large civic university in UK league tables

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<td>THE TIMES / THE SUNDAY TIMES</td>
<td>22nd</td>
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<td>COMPLETE UNIVERSITY GUIDE</td>
<td>27th</td>
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<td>THE GUARDIAN</td>
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Over 81% of our research classed as world-leading or internationally excellent

Over £500m TURNOVER

% income received by higher education institutions in Birmingham

University of Birmingham 49.4%

% research income received by higher education institutions in Birmingham

University of Birmingham 85.6%
£400m five-year capital investment programme

- **CHAMBERLAIN HALLS OF RESIDENCE** at the northern end of the Vale Village
- **NEW ACADEMIC LIBRARY** with a dedicated research area and a galley space to showcase our research outputs
- **STRIIKING GREEN PARK** at the heart of the campus
- **STUDENT SERVICES HUB** bringing together several student services in the historic Aston Webb Building
- **£55 MILLION SPORTS CENTRE** with Birmingham’s first 50-metre swimming pool

32,335 students
300,000 alumni
100,000 online learners
In the last year...

SECURED £80 MILLION UK QUANTUM TECHNOLOGY HUB INITIATIVE

EXCEEDED £160 MILLION CIRCLES OF INFLUENCE FUNDRAISING TARGET

£594 MILLION LIVE RESEARCH AWARDS

84% OF STUDENTS IN GRADUATE-LEVEL JOBS or further training six months after graduating [4th best nationally]

79TH IN THE STONEWALL TOP 100 EMPLOYERS

Highest ever 89% student satisfaction

APPOINTED LORD BILIMORIA as our 7th Chancellor
Research highlights 2014

DISCOVERED A SOLAR SYSTEM with five Earth-sized planets dating back to the dawn of the Galaxy

Established biological evidence to suggest that bereavement lowers physical immunity, putting older people at risk of life-threatening infections.

Identified that a significant proportion of crops that are crucial as potential future food resources are found in Middle East conflict zones, where their conservation is at risk.

Advised Parliament on the importance of character and moral education, leading to a £5 million fund to help schools equip pupils with the values and character traits needed to succeed in modern Britain.
Influencing the national debate

Birmingham Policy Commission VI: The Security Impact of Drones

The government should do more to reach out to the public over what the Commission saw as the globally inevitable use of drones in armed conflict, and in domestic surveillance.

British Science Festival
BIRMINGHAM 6-11 SEPT 2014

HEADLINE STORIES
REACHED EVERY INHABITABLE CONTINENT

2014
Birmingham year of science

REACHED OVER
311 MILLION PEOPLE

OVER 3,000 STUDENTS
AGED 14–19 ATTENDED

12,000 PEOPLE
ATTENDED OUR COMMUNITY DAY
HELD AT THE END OF THE FESTIVAL
BIRMINGHAM – the place to come

THE MOST POPULAR DESTINATION outside London for meetings, conferences and events for six successive years

941,000 INTERNATIONAL VISITS TO THE CITY LAST YEAR [A 32% INCREASE ON 2012]

THE NUMBER OF PEOPLE VISITING BIRMINGHAM HAS INCREASED BY 12%

34 MILLION VISITORS TO BIRMINGHAM LAST YEAR

POPULATION INCREASE OF 300,000 IN THE WEST MIDLANDS IN THE LAST TEN YEARS

300,000 INCREASE IN THE WEST MIDLANDS IN THE LAST TEN YEARS

BIRMINGHAM

MILLION
THE GLOBAL UNIVERSITY IN AN AMBITIOUS CITY

55% OF BIRMINGHAM’S POSTGRADUATE STUDENTS ARE AT THE UNIVERSITY OF BIRMINGHAM

6,290 INTERNATIONAL STUDENTS FROM OVER 150 COUNTRIES
THE LARGEST INTERNATIONAL POSTGRADUATE COMMUNITY IN THE UK

31% OF OUR ACADEMIC STAFF ARE OVERSEAS NATIONALS

OUR UNDERGRADUATE APPLICATIONS HAVE INCREASED BY 27% SINCE 2013

THE LARGEST STUDENT POPULATION IN BIRMINGHAM
35% OF STUDENTS ARE AT THE UNIVERSITY OF BIRMINGHAM

UNIVERSITY
Education and community

Creating aspirational 11- to 18-year-olds

- University of Birmingham School
  - Strong links with local secondary schools and sixth forms

Supporting access to the best universities

- 28% of our students are from the West Midlands
- One of the first universities to set up a fair access scheme in 2000
- In the last four years, Access to Birmingham has helped over 1,100 talented students from disadvantaged backgrounds to succeed at university

Students who contribute in the community

- 4,923 students gave up their time to volunteer in 2013/14
- Our healthcare students have volunteered over 600 hours of their time to teach basic life saving skills to over 3,000 local secondary school pupils

Supporting skills development in the local community

- We are working with further education partners across the city, particularly in the area of life sciences
- We are playing a leading role in the development of the HS2 Academy
- The MTC Academy will train apprentices for the advanced manufacturing sector
Over five years the school will grow to 1,150 pupils
Already one of the most popular schools in the city for Year 7 applications
Catchment area around the school and three other nodes (Jewellery Quarter, Small Heath, Hall Green)
The only university-run secondary school and sixth form in the country
Specialist facilities and creative use of space

Opens September 2015

UNIVERSITY OF BIRMINGHAM SCHOOL

INNOVATIVE CURRICULUM DESIGN

REGULAR USE OF THE UNIVERSITY’S WORLD-CLASS FACILITIES

A BRAND NEW, PURPOSE-BUILT SCHOOL BUILDING
BIRMINGHAM MUSEUM AND ART GALLERY HAS THE WORLD’S LARGEST PRE-RAPHAELITE COLLECTION, INCLUDING SOME 2,000 ART WORKS.

OVER 50,000 attend City of Birmingham Symphony Orchestra performances.

BIRMINGHAM’S ROYAL BALLET CELEBRATES ITS 25TH ANNIVERSARY IN 2015.

BIRMINGHAM HIPPODROME ATTRACTS OVER 500,000 VISITORS A YEAR.

MORE THAN 500,000 WORKS OF ART IN ONE SQUARE MILE.

DIGITAL HERITAGE DEMONSTRATOR working in partnership with the Library of Birmingham, Birmingham Museums and Art Gallery, Ironbridge Gorge Museum Trust and The Hive (Worcester) to bring the region’s rich heritage to life digitally.
THE GLOBAL UNIVERSITY IN AN AMBITIOUS CITY

FIVE-YEAR COLLABORATION WITH THE ROYAL SHAKESPEARE COMPANY TO REINSTATE THE ICONIC STUDIO THEATRE, THE OTHER PLACE. A HUB FOR CUTTING-EDGE RESEARCH AND CREATIVE PRACTICE OPENING IN 2016.

BARBER INSTITUTE
8th on The Times’ list of the ten greatest art galleries in Britain outside of London
Third on the Mail on Sunday’s top 20 list of Britain’s best kept art gallery secrets

140,000 VISITORS TO OUR CULTURAL ATTRACTIONS, GENERATING £5 MILLION SPENDING

35 STUDENTS HAVE PARTICIPATED IN THE CULTURAL INTERNSHIP SCHEME WITH LEADING CULTURAL ORGANISATIONS IN THE CITY

CULTURAL HONORARY RESEARCH FELLOWS SUPPORT CITY CULTURAL ORGANISATIONS WITH THEIR RESEARCH

ARTS AND SCIENCE FESTIVAL 2014 – OVER 3,000 VISITORS TO 56 EVENTS
Economy and business

18,337 NEW BUSINESSES in 2014 – more than anywhere outside London

£98 billion REGIONAL ECONOMY

Created 4,841 jobs in 2013/14 – a 98% increase on the previous year

THE ONLY REGION IN THE UK TO HAVE A TRADE SURPLUS WITH CHINA

THE YOUNGEST major city in Europe – nearly 40% of the population are under 25

#1 UK city in Western Europe for investment-attraction activity
THE GLOBAL UNIVERSITY IN AN AMBITIOUS CITY

Generates £1.1 billion spending in the West Midlands economy (supporting 11,380 jobs)

40% of our graduates stay on to work in the region

Across the University over 600 SMEs engaged on over 1,000 research projects which have secured over £20m

30 spin-outs worth over £650m, creating over 500 jobs

157 records of invention and 89 new patent filings in 2013/14 alone

Partnered over 80 business in knowledge transfer partnerships

On-site construction projects are supporting 500 construction jobs, 350 of which are local to the West Midlands

Shared research spaces enhance academic-industry collaboration – Manufacturing Technology Centre, Institute for Translational Medicine, Birmingham Research Park
A VIBRANT LIFE SCIENCES SECTOR WITH A GROWING GLOBAL REPUTATION

- Over 850 businesses generating £180 million GVA
- 500 are medical technology companies
- Access to highly diverse patient cohorts in the West Midlands
- Edgbaston Medical Quarter – home to 64% of the city’s healthcare economy
- Catalysed through Birmingham Health Partners

INTERNATIONAL REPUTATION IN CLINICAL ACADEMIC PROGRAMMES, CLINICAL TRIALS, AND TRANSLATIONAL RESEARCH

We host:
- The largest Wellcome Clinical Research Facility in the UK
- National Biomedical Research Unit in Liver Disease
- The largest specialist Cancer Trials Unit in the UK
- National centre for Trauma Research
- Centre for Clinical Haematology:
  - Created 150 jobs
  - Attracted £15 million private sector investment
  - An internationally competitive early-phase clinical trials portfolio
INSTITUTE FOR TRANSLATIONAL MEDICINE
- A translational medicine centre which is unique globally
- £24 million facility opening in June 2015
- Co-location of major clinical specialties with a clinical research facility, early-phase trial unit and hub to host pharmaceutical companies and SMEs
- Expected to generate 600 new jobs in first five years
- Accelerating access to new diagnostics, drugs and medical devices

BIOHUB BIRMINGHAM
- Fully serviced biomedical laboratory aimed at start-ups and entrepreneurs in the bioindustry sector
- 500 metres from the ITM, it will also support a growing portfolio of medical spin-out companies from the University
- Delivering a further 35 new businesses and more than 500 new technology jobs
Transforming world-class research into manufacturing capability

MANUFACTURING TECHNOLOGY CENTRE

TURNOVER £18 MILLION, DELIVERING MORE THAN 250 JOBS

- Support to over 150 business through more than 250 individual projects
- Established in 2010 by the University of Birmingham in partnership with other Midlands-based partners
- Accelerates translation of manufacturing technologies to business
- 70 members comprising leading UK-based multinationals, equipment suppliers and SMEs
Delivering accelerated, flexible and responsive design, research and development across a wide range of businesses, from aerospace to biomedical.

Will support delivery of:
- Aerospace 2020 targets to meet a 50% reduction in CO₂ emissions
- Creation of new value chains
- Deliver new high-value jobs
- Significant new investment
- Fast-make manufacturing capability
- A pipeline of highly trained and developed engineers
Global partnerships

INDIA
- Close links with leading Indian universities including Delhi Technological University, Panjab University and Manipal University
- Chandigarh Region Innovation and Knowledge Cluster
- Nyaya Centre for Global Justice

NORTH AMERICA: CHICAGO
- Strategic alliance with University of Illinois at Urbana-Champaign
- 25 faculty-to-faculty links in 14 academic disciplines including Railway Engineering, Maths, Psychology, Environmental Genomics, and Cultural Heritage and Education
China

- Strategic collaboration with Guangzhou Municipal Government, including the Guangzhou Biobank Cohort Study
- Work broadly with China’s vibrant railway sector, including the Anhui-Birmingham International Research Institute in Rail Transportation
- Major collaboration with China General Nuclear Power Corporation in development of civil nuclear energy studies
- Partnership with BGI to form the world’s largest genome research institute

Brazil

- £720k joint funding secured from Brazilian research council for joint research
- Large increase in joint publications with Brazilian academics
- Increased student enrolments, including more than 160 Science without Borders students
Looking to the future

NOURISHING OUR LOCAL ROOTS
Civic engagement
Cultural partnerships
Attracting growth to the West Midlands

CULTIVATING THE BRIGHTEST STUDENTS
Innovative models of teaching
Enriched curriculum

TRANSFORMING OUR CAMPUS (AND BEYOND)
STRENGTHENING OUR RESEARCH
Collaborative research opportunities
Building on our areas of strength

MULTIPLYING OUR COLLABORATIONS
Developing and maintaining relationships with local, national, and international businesses
Creating shared physical spaces