

UNIVERSITY OF
BIRMINGHAM

THE GLOBAL UNIVERSITY AT THE HEART OF AN AMBITIOUS CITY

Professor Sir David Eastwood

University Annual Meeting

12 March 2015



A photograph of a university campus featuring a large red brick building with a dome, a green lawn, and a paved path. Large trees frame the scene, and sunlight filters through the leaves, creating a warm atmosphere. A teal banner is overlaid in the top left corner.

THE UNIVERSITY OF BIRMINGHAM **Annual Meeting 2015**



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BIRMINGHAM – a university continuing to rise

**THE TIMES
THE SUNDAY TIMES**
**UNIVERSITY
OF THE YEAR
2013–2014**

**64TH
IN QS WORLD
UNIVERSITY
RANKINGS**

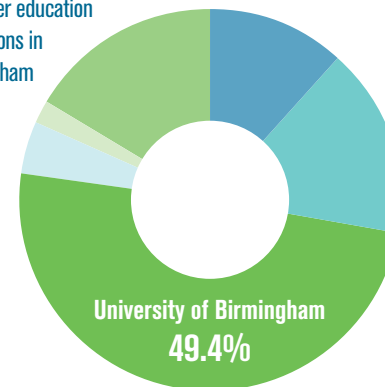
**Best large civic university
in UK league tables**

	2010	2015	
THE TIMES / THE SUNDAY TIMES	22nd	15th	+7
COMPLETE UNIVERSITY GUIDE	27th	17th	+10
THE GUARDIAN	24th	17th	+7

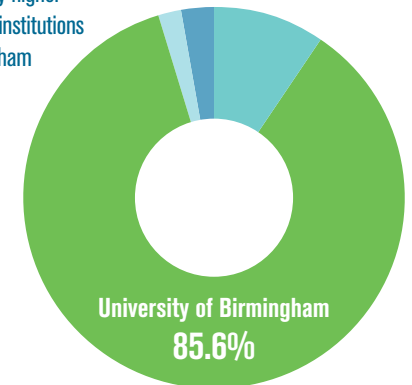
**Over 81% of our
research classed
as world-leading
or internationally
excellent**

OVER £500m TURNOVER

% income received
by higher education
institutions in
Birmingham



% research income
received by higher
education institutions
in Birmingham





£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

£55 MILLION SPORTS CENTRE

WITH BIRMINGHAM'S FIRST
50-METRE SWIMMING POOL

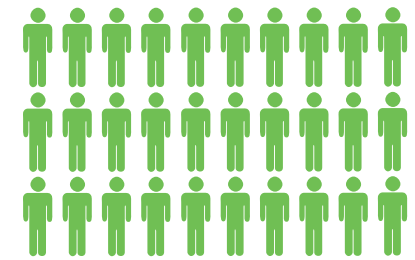
STRIKING GREEN PARK

AT THE HEART OF THE CAMPUS

STUDENT SERVICES HUB

BRINGING TOGETHER
SEVERAL STUDENT SERVICES
IN THE HISTORIC ASTON
WEBB BUILDING

EDUCATION



32,335 students

300,000 alumni



**100,000
ONLINE LEARNERS**



In the last year...

SECURED **UK QUANTUM**
£80 MILLION **TECHNOLOGY HUB**
INITIATIVE

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



APPOINTED **LORD**
BILIMORIA
as our 7th Chancellor

EXCEEDED
£160 MILLION
CIRCLES OF INFLUENCE
FUNDRAISING TARGET

£594
MILLION
LIVE RESEARCH
AWARDS

79TH **IN THE**
STONEWALL
TOP 100
EMPLOYERS

Highest ever
89%
student
satisfaction



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

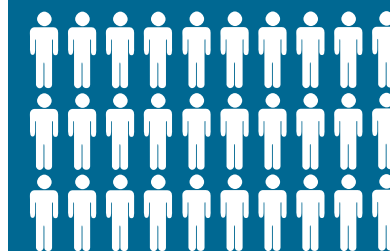
The government should do more to reach out to the public over what the Commission saw as the globally inevitable use of drones in armed conflict, and in domestic surveillance.

Featured on *ITV News Online*, *the Guardian*, *BBC News Online*, *Daily Mail Online*, *The Independent*, *The Telegraph*, *The Press Association*, *The Sun*, *The Daily Mirror* and *The Birmingham Post* and BBC Radio 4.





HEADLINE STORIES
REACHED EVERY
INHABITABLE CONTINENT



REACHED OVER
311 MILLION PEOPLE

200 EVENTS

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

THE NUMBER OF PEOPLE
VISITING BIRMINGHAM
HAS INCREASED BY **12%**

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

34 MILLION
VISITORS TO BIRMINGHAM LAST YEAR

**POPULATION
INCREASE**
OF **300,000**

IN THE WEST MIDLANDS
IN THE LAST TEN YEARS





THE LARGEST STUDENT POPULATION IN BIRMINGHAM

35% OF STUDENTS
ARE AT THE UNIVERSITY
OF BIRMINGHAM



6,290

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

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

31% OF OUR
ACADEMIC STAFF
ARE OVERSEAS
NATIONALS

OUR UNDERGRADUATE
APPLICATIONS HAVE
INCREASED BY **27%** since 2013



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

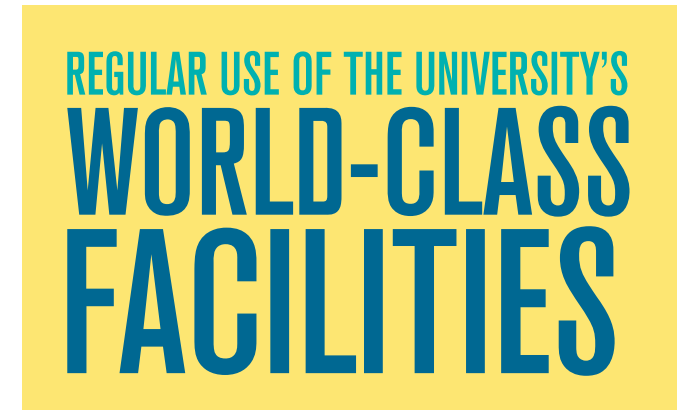
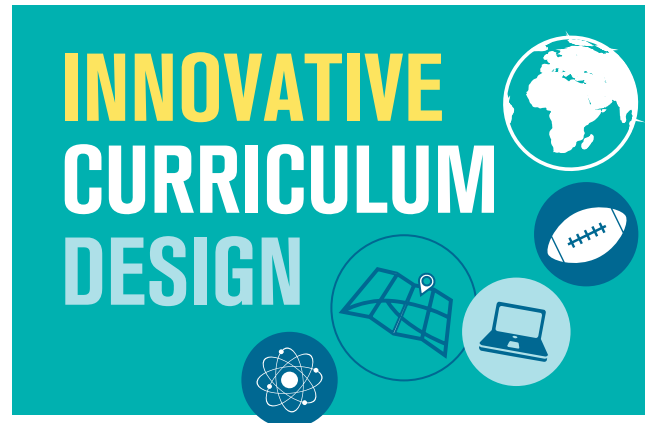
The MTC Academy will train
apprentices for the advanced
manufacturing sector



UNIVERSITY OF
BIRMINGHAM
SCHOOL

Opens September 2015

- 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





Culture

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**



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



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.

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

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



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

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

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



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

£98 billion
REGIONAL ECONOMY

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

#1 UK city
in Western Europe for
investment-attraction activity



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

SHARED RESEARCH SPACES
ENHANCE ACADEMIC-INDUSTRY
COLLABORATION – MANUFACTURING
TECHNOLOGY CENTRE, INSTITUTE
FOR TRANSLATIONAL MEDICINE,
BIRMINGHAM RESEARCH PARK

**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



Life sciences

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



CITY

UNIVERSITY

Birmingham Health Partners

A collaboration of world-class clinicians, research scientists and clinical trials teams



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



**WE ARE ONE OF ROLLS-ROYCE'S
LARGEST UNIVERSITY PARTNERS,**
WITH OVER 80 INDIVIDUAL RESEARCH PROGRAMMES

HIGH TEMPERATURE RESEARCH CENTRE



£60 MILLION UNIVERSITY OF BIRMINGHAM COLLABORATION WITH ROLLS-ROYCE, ESTABLISHING A WORLD-CLASS RESEARCH FACILITY

- 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



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

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





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







UNIVERSITY OF
BIRMINGHAM

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