



# The University of Manchester

Our Strategic Vision 2020 states our mission: "By 2020, The University of Manchester will be one of the top 25 research universities in the world, where all students enjoy a rewarding educational and wider experience; known worldwide as a place where the highest academic values and educational innovation are cherished; where research prospers and makes a real difference; and where the fruits of scholarship resonate throughout society."

# Our core goals

- 1 World-class research
- 2 Outstanding learning and student experience
- 3 Social responsibility



# World ranking

The quality of our teaching and the impact of our research are the cornerstones of our success.

The Shanghai Jiao Tong University Academic Ranking of World Universities assesses the best teaching and research universities, and in 2012 we were ranked 40th in the world.

Year	World Ranking	European Ranking	UK Ranking
2012	40		5
2010	44	9	
2005	53	12	6
2004*	78*		9*

Source: 2012 Shanghai Jiao Tong University Academic Ranking of World Universities

\*2004 ranking refers to the Victoria University of Manchester prior to the merger with UMIST.



# Academic pedigree

advanced understanding and treatment of brain



Andre Geim



# 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 Konstantin Novoselov, Physics (2010)

#### Nobel laureates

JJ Thomson, Physics (1906) Ernest Rutherford, Chemistry (1908) William Lawrence Bragg, Physics (1915) Niels Bohr, Physics (1922) Archibald V Hill, Physiology (1922) CTR Wilson, Physics (1927) Arthur Harden, Chemistry (1929) James Chadwick, Physics (1935) Walter Norman Haworth, Chemistry (1937) George de Hevesy, Chemistry (1943) Robert Robinson, Chemistry (1947) Patrick Maynard Stuart Blackett, Physics (1948) John Cockcroft, Physics (1951) Linus Carl Pauling, Chemistry and Peace (1954) Alexander Todd, Chemistry (1957) Melvin Calvin, Chemistry (1961) John Richard Hicks, Economic Sciences (1972) Nevill Francis Mott, Physics (1977) Arthur Lewis, Economic Sciences (1979) John Charles Polanyi, Chemistry (1986) Michael Smith, Chemistry (1993) Joseph E Stiglitz, Economic Sciences (2001) John Sulston, Physiology or Medicine (2002) Andre Geim, Physics (2010)

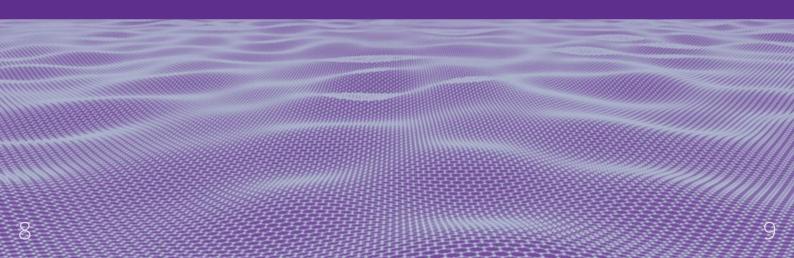
# Areas of impact

Our research strength is demonstrated by our ability to find solutions to some of the most pressing global issues. Our size and scale enable unparalleled interdisciplinary inquiry, with experts from across the University collaborating to discover new ways forward.

We bring the foremost academics, scientists and researchers together to tackle universal issues such as climate change for a sustainable global future. We have the most advanced academic

nuclear research capability in the UK, providing knowledge and skills to government and industry. Our cancer research was ranked the best in the UK in the last Research Assessment Exercise, and we combine perspectives from both medicine and the humanities to facilitate improvements in crisis response across the world.

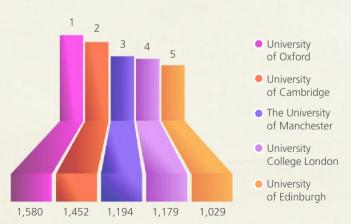
Whether it's seeking an end to poverty or discovering the next wonder material, our work makes a difference where it matters most.



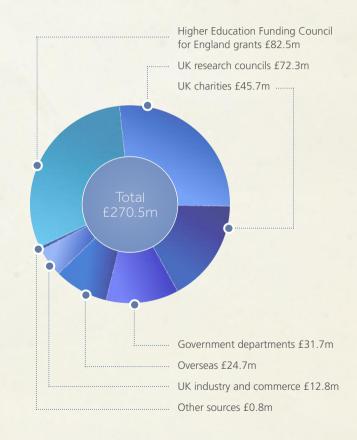
## Research power

We're addressing some of the world's biggest challenges, from poverty to sustainable consumption to cancer. We're shaping a future in which new materials such as graphene transform our technologies, and nuclear energy reduces carbon emissions. That's why the most recent Research Assessment Exercise ranked us third in the UK in terms of research power.\*

Research activity at 3\* and 4\* as measured by number of full-time equivalent staff



We attracted over £270 million in external research funding in 2011/12.



10 \*Source: HEFCE RAE 2008

# Spin-outs

Innovation and enterprise are synonymous with The University of Manchester. Since 2004 we have generated more than 100 spin-out companies and concluded more than 200 technology licences.

We bring investment into the University's ground-breaking inventions and software via UMI<sup>3</sup> – The University of Manchester Innovation Group. In the last eight years third-party investments and grants have provided more than £200 million to our spin-outs and intellectual property (IP) projects, and 165 proof-of-principle IP projects have been initiated and managed.

We established Europe's largest dedicated university spin-out seed fund in 2008 (the UMIP Premier Fund) with a value of £31.5 million. This has invested in 12 spin-out companies and 29 proof-of-principle projects to date. In September 2010 this fund won the All Stars Equity Gap Fund of the Year award.





## Students

We have the largest student community in the UK.

#### We have:

- more than 400 degree programmes;
- almost 9,000 rooms in 27 halls of residence guaranteeing every first-year undergraduate the offer of a place in University accommodation;
- the largest number of lower-income students in the English Russell Group\* of universities;
- more than 400 widening participation activities with local schools and colleges each year;
- more than 4 million printed books and manuscripts, 25,000 unique electronic journals and 400,000 electronic books;
- the UK's largest students' union.

	Home/EU	Overseas	Total
Undergraduate study	23,512	4,484	27,996
Postgraduate taught	4,880	3,466	8,346
Postgraduate research	2,433	1,178	3,611
Total	30,825	9,128	39,953



## Graduate careers

Top recruiters target Manchester graduates. That's why over 92% go straight into employment or further study.\*

In the academic year 2011/12:

- 3,500 recruiters advertised jobs, exhibited at fair and presented on campus;
- our Careers Service provided one-to-one advice via 8,000 appointments and over 2,000 email communications:
- 1,100 students took part in career education courses:
- 1,250 students participated in the Manchester Leadership Programme, which improves employability by giving students an insight into current global leadership challenges and the opportunity to complete local, national and international voluntary work;
- over 150 students and graduates secured paid internships via our Manchester Graduate and Student Summer Internship programmes.



### Alumni

We have the largest alumni community of any campus-based university in the UK, developing lifelong relationships with more than 270,000 former students spread across 200 countries. Many of our graduates hold positions of seniority in business, academia, politics, industry and the media.



Tom Bloxham



Brian Cox

- Tom Bloxham
   Chairman, Urban Splash and Chancellor of The University of Manchester
- Professor Brian CoxPhysicist and TV presenter
- Sir Peter Maxwell Davies
   Composer and conductor
- HE George Maxwell Richards
   President of the Republic of Trinidad and Tobago
- Jane CockingHumanitarian Director of Oxfam
- Toby Jones
   Actor



George Maxwell Richards



Toby Jones

- Sir Norman Foster
   Architect and designer
- Benedict Cumberbatch
   Actor
- Sir Philip Craven
   President, International Paralympic Committee
- Lord Terence Burns
  Chairman, Santander
- Ian King
   Business and City Editor of The Times
- Sophie RaworthBroadcaster and journalist
- Teo Chee Hean

  Deputy Prime Minister of Singapore
- Chuka Ummuna
  Shadow Secretary of State for Business
  Innovation and Skills
- Dr Mark Kermode
  Film critic
- Sam Bain and Jesse Armstrong
   Television comedy writers



Benedict Cumberbatch



lan King



Sophie Raworth

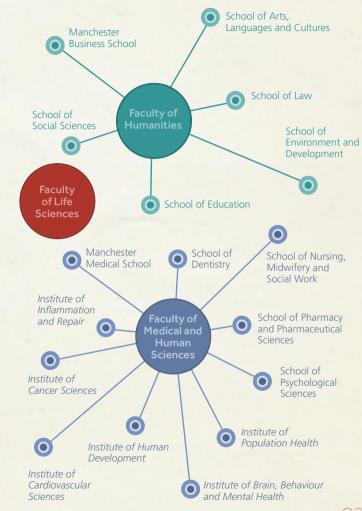


Mark Kermode

## Faculties and Schools

The University is divided into Faculties, Schools, institutes and hundreds of specialist research groups, all of which undertake pioneering multidisciplinary teaching and research of worldwide significance.





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## Estates investment

We are undertaking the largest ever capital investment programme in UK higher education with more than £600 million invested so far in state-of-the-art buildings, contemporary refurbishments and public realm works. We're literally changing the face of Manchester.

In the next phase of our campus masterplan we will invest a further £1 billion by 2022. This will include the establishment of our £61 million National Graphene Institute, a bespoke centre for research into the wonder material that won the Nobel Prize for Manchester professors Andre Geim and Kostya Novoselov in 2010 One atom thick but 200 times stronger than steel, graphene is set to revolutionise the production of smartphones, anti-cancer drugs, computer chips and more.



## Visitor attractions

Explore a universe of amazing ideas at our inspirational visitor attractions.

#### Whitworth Art Gallery

Home to more than 55,000 works of art, ranging from textiles to some of the most famous British watercolours, our gallery is set to expand even further with a £12 million development project now underway.

#### Manchester Museum

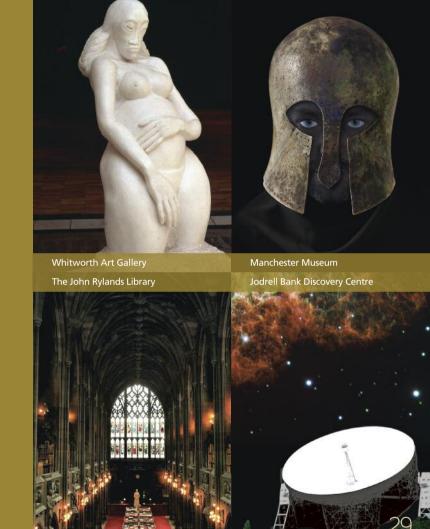
Our Ancient Worlds galleries bring to life the great civilisations of Egypt, Rome and Greece. Our Egyptology collection is one of the largest in the UK, with around 16,000 objects from 10,000 BC to the Byzantine era.

#### The John Rylands Library

Our Grade I listed, neo-Gothic John Rylands Library houses 250,000 printed volumes and more than a million archival items.

#### Jodrell Bank Discovery Centre

As well as being home to the 76-metre-wide Lovell Telescope, Jodrell Bank welcomes thousands of music lovers each summer for its spectacular Transmissions series of concerts.



# Widening participation

We are proud to make a major contribution to the economic, social and cultural life of Manchester and the wider region.

- We finance the largest bursary programme for students from lower-income backgrounds in the English Russell Group of universities.
- Last year we received more than 530,000 visitors to the Manchester Museum and Whitworth Art Gallery.
- We provide more than 1,000 local school and college students with access to our library facilities.
- We have strong links with the major hospital trusts in Manchester and the wider region.
- We organise a wide-ranging programme of engagement with the public, hosting festivals and special events relating to the sciences and humanities.



# At a glance

### Ranking

We are ranked 40th in the world, seventh in Europe and fifth in the UK in the 2012 Shanghai Jiao Tong World Ranking.

#### Senior officers

**Professor Dame Nancy Rothwell**, President and Vice-Chancellor **Tom Bloxham**, Chancellor

Anil Ruia, Pro-Chancellor and Chairman of the Board of Governors Gillian Easson, Pro-Chancellor

Students	
Undergraduate	27,996
Postgraduate taught	8,346
Postgraduate research	3,611
Staff	
including more than 5,600 academic and research staff	10,663
Alumni	
in 200 countries	270,000
Income (2011/12)	£807m
Buildings	347
Estates in acres	



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