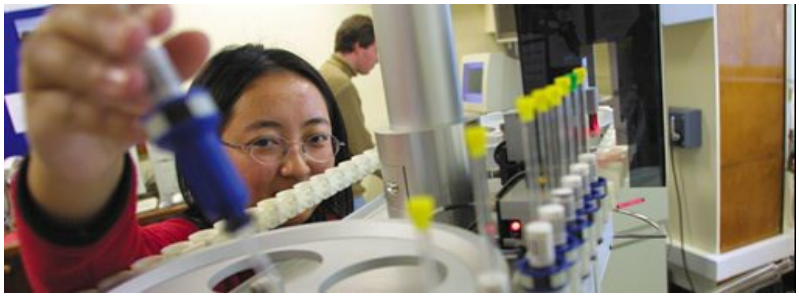
Our impact



For more than a century, research from our University has created a major impact on the city, the region and the world. Our early research has had a lasting impact on lives, culture, industry and society: our current research aspires to do the same.

In the 20th century we pioneered transplant surgery, the use of microwaves and created artificial Vitamin C. In the 21st century we continue to break new ground.

We are trialling vaccines to fight cancer caused by a common virus

The trial of a vaccine which can treat some forms of cancer caused by a common herpes virus known as the Epstein Barr Virus (EBV) was developed by Cancer Research UK with technology developed by researchers at Birmingham. Find out more about **cancer research at Birmingham (/schools/cancer/index.aspx)**

We are studying the impact of climate and environmental change on woodlands

Thanks to a transformational gift of £15 million, a new **Birmingham Institute for Forest Research (BIFoR) (/research/activity/bifor/index.aspx)** will be established by the University to study the impact of climate and environmental change on woodlands. In addition to on-campus laboratories, the Institute will comprise ground-breaking field facilities, enabling scientists to take measurements from deep within the soil to above the tree canopy.

We are playing a key role in the training of HS2 engineers

Birmingham is to play a key role in the training of engineers working on the HS2 rail link, following the announcement that the National College for High Speed Rail will have its headquarters in the city. The college will make use of the University's **Birmingham Centre for Railway Research and Education (BCRRE) (/research/activity/railway/index.aspx)** – the largest railway research group in Europe.

We are using cutting-edge technology to map the past

A host of previously unknown archaeological monuments have recently been discovered around Stonehenge as part of an unprecedented **digital mapping project (/news/latest/2014/09/stonehenge-hlp-gallery.aspx)** led by the University of Birmingham. Over the past five years, the project has been using cutting-edge geophysical technologies to map the ancient site at an unprecedented spatial scale and resolution.

SOUNDCLOUD

Cookie policy

We are shaping the debate around drone technology

The sixth University of **Birmingham Policy Commission (/research/impact/policy-commissions/remote-warfare/index.aspx)** examines the security implications for the

British Government of civilian and military drone technology, and looks at the unavoidable choices facing the United Kingdom over this crucial emerging technology. The Commission's work aims to cut through the over-simplifications and misconceptions that shape much of the current British debate on the subject.

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