



**QUEEN'S
UNIVERSITY
BELFAST**

**QUEEN'S
FOUNDATION**

**CHANGE
LIVES**

PIONEERING MEDICAL RESEARCH

A photograph of two women in profile, facing each other and smiling. The woman on the right is wearing a blue surgical cap and a white lab coat. The woman on the left is wearing a grey top. The background is a soft, out-of-focus indoor setting.

GIVE HOPE THROUGH NEW DISCOVERIES

At Queen's we're finding new ways to tackle the great health challenges that affect the lives of millions of people around the world.

We're advancing cancer care, taking the lead in personalised treatment. We're seeking to restore those vital functions lost by sufferers from MS. We're addressing the spread of hospital superbugs. We're helping to improve the survival rates of people with respiratory diseases. And we're focusing on cardiovascular disease and vision-related conditions.

Working in the advanced facilities of our expanding Health Sciences Campus, more than 1,000 leading scientists and clinicians are collaborating across disciplines to deliver better outcomes and quality of life for patients.

Your support will help them to transform so many lives.



**IMPACT
CANCER
RESEARCH**

We're driving forward with evidence-based, innovative research and clinical trials in bowel, pancreatic, prostate, lung, breast, ovarian and blood cancers. We're focused on individual need, developing new therapies to ensure that each patient gets the treatment that suits them best.

The gifts you make through the Queen's Foundation make a vital contribution to this work.

They provide support for PhD students, an area of high priority to ensure we train the researchers of the future. They facilitate summer placements and travel scholarships, allowing researchers to collaborate with experts in laboratories abroad. They provide postdoctoral posts and research technicians.

Your generosity will also give us the funds needed to develop novel ideas and gather the vital test data that enable our scientists to apply for larger research grants.

Our medical education programmes are among the best. We are inspiring a new generation of students who will go on to make their own contribution to global health. But there are specific areas where some of them need support.

These include scholarships for graduate-entry medical students who, because they already have a degree, are not eligible for student loans. Most are working part-time to pay for their course.

You can also support scholarships for students wishing to undertake an intercalated Master's course so that they can extend their experience and qualifications. Other students will benefit from support that allows them to spend part of their time as a medical elective on placement overseas.

Or you may want to contribute to the Medical Hardship Fund set up by the Centre for Medical Education. It helps students with short-term financial problems, such as unexpected travel or housing costs.

Whatever our students' needs, your generosity will make a positive difference to their future.



**INSPIRE
THE NEXT
GENERATION**



IMPROVE OUTCOMES IN LUNG DISEASE

Clinical trials are a vital step in the search for new treatments. At Queen's, Danny McAuley, Professor of Intensive Care Medicine, is leading one of the world's biggest trials in the area of respiratory failure.

About 100,000 people in the UK each year who are admitted to Intensive Care need ventilators to help them breathe. Central to the study, involving 1,120 critically-ill patients in 40 hospital sites, is a new procedure to relieve the pressure put on the lungs by mechanical ventilation.

This removes carbon dioxide from the blood in a process similar to dialysis. The researchers, from Queen's and the Belfast Health and Social Care Trust, believe it can improve survival rates significantly.

In its guidance on carbon dioxide removal for acute respiratory failure the National Institute for Health and Care Excellence (NICE) has encouraged clinicians to recruit patients into ongoing trials such as our trial, which Professor McAuley says, 'is a great endorsement of what we are doing here at Queen's.'

Dr Denise Fitzgerald is leading research to change the lives of people with Multiple Sclerosis – and she is bringing a very personal perspective to the project. At 21 she suffered from a similar condition and had to learn to walk again.

Multiple Sclerosis causes the body's immune system to attack the lining of the nerves in the brain and spinal cord. Across the world, 2.3m people live with MS, 4,500 of them in Northern Ireland – one of the highest incidences.

The research by Dr Fitzgerald and her multidisciplinary international team aims to understand how myelin, the insulating layer in the central nervous system, can be repaired. Until now, treatment for MS could limit relapses but not reverse existing damage. Dr Fitzgerald's research has been hailed as a landmark discovery in how damage within the brain can be repaired.



TRANSFORM TREATMENT OF MS

YOUR GIFT CAN MAKE A DIFFERENCE

Your gifts at all levels are important to us. You may choose to give a gift to an area of medical research close to your heart, such as cancer, MS or lung disease. Alternatively, you may prefer to support a medical student to undertake an eight-week summer placement in one of our research centres or to do an intercalated Master's degree. Others prefer to provide much needed additional support for our Medical Hardship Fund that helps students who encounter financial difficulties during their studies.

As we are a registered charity, all gifts to Queen's Foundation may be made in a tax efficient way as outlined in the table below.

Thank you for choosing Queen's.

You give	£5,000	£10,000	£25,000
The University claims Gift Aid	£1,250	£2,500	£6,250
Full value of gift	£6,250	£12,500	£31,250
If you are a Higher Rate (40%) taxpayer			
You claim tax relief	£1,250	£2,500	£6,250
Net cost to you	£3,750	£7,500	£18,750
If you are an Additional Rate (45%) taxpayer			
You claim tax relief	£1,563	£3,125	£7,813
Net cost to you	£3,438	£6,875	£17,188



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