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Lincoln Leads the Way

The role of universities is changing. In addition to the traditional objective of creating and teaching knowledge, universities have an increasingly important part to play in the development of society and the economy.

The University of Lincoln is leading the way in this new approach, expanding our academic community beyond the bounds of our campus. Academics work in partnership with local, national and international organisations and other educational institutions to develop research that impacts on our global society.

Our students also have a role to play. Lincoln students are encouraged to be active producers and co-producers of knowledge, ensuring that they develop the future of their communities – and the University – with us.

“The programme is an outstanding career development opportunity for officers of the Logistics and Engineering professions, providing them with the skill sets most likely to bring the maximum benefit to Defence and preparing them to address the logistics challenges of the future.”

**Squadron Leader Jim Nadin**, RAFR, Course Director of Lincoln’s MSc Logistics Management

“The proposal put forward by the University of Lincoln [to assume a major contract to educate nurses in the area] meets the needs of the local population, in particular by offering a local solution with a depth and breadth of understanding of the culture and geography of Lincolnshire.”

**Peter Rolland**, Head of Education Commissioning, NHS East Midlands

“The bespoke leadership and management programmes the University of Lincoln has created for Ardagh have helped our managers become more effective problem solvers as well as more effective leaders, benefitting Ardagh as a business.”

**Chris Thornton**, Continuous Improvement Manager, Ardagh Glass
Working with the City

Situated on a stunning waterfront campus in the heart of the city, the University has brought more than students to Lincoln. Staff and students alike engage with their communities, fostering an ethos of cooperation and mutual benefit.

- The University has had a significant economic impact in the region. It is worth more than £250 million to the local economy and has brought more than 3,000 new jobs to the city.
- Robust Futures brings together University academics and the public and private sectors, helping small and medium-sized businesses in the region with advice, guidance and innovation.
- The University has enhanced cultural, sporting and social activities in the city through music, theatre and public lectures, a community radio station, regional sports projects and other community initiatives.

A Co-operative Partnership

Lincolnshire Co-operative provides products and services to the region and was looking to regularly engage with its members through digital and social media.

This resulted in a Knowledge Transfer Partnership (KTP) between the Co-op and the University’s School of Media. Graduate Rhian Mason works at the organisation, which benefits from her media knowledge and skills and access to the School’s facilities and academics. In return, Rhian and the School gain insight into how corporations capitalise on digital media.

Lincolnshire Co-operative’s CEO Ursula Lidbetter says: “The KTP project is working to extend our reach beyond traditional media channels. We’re delighted to be benefiting from the expertise provided by the University through Rhian’s placement with us.”
Working Across the Nation

The University of Lincoln leads the way in partnerships with business. It works alongside leaders in the public and private sectors across the country, helping to increase the efficiency and competitiveness of UK industry.

- Major national employers help shape our course content so that students have the skills required by industry when they graduate.
- Work-based and distance learning, often bespoke, is undertaken by a wide range of companies spanning the engineering, military, agricultural and food sectors, the NHS and local authorities.
- Lincoln works to embed the expertise of its academics and graduates in national and local companies through Knowledge Transfer Partnerships.
- The University’s National Centre for Food Manufacturing is a state-of-the-art training and Research and Development facility, sponsored and updated entirely by UK industry.

Equipping Engineers for Today and Tomorrow

Built in collaboration with Siemens, the University of Lincoln’s School of Engineering combines research-active staff with state-of-the-art facilities and is the first of its kind to be established in the UK for 20 years.

Siemens has made a multi-million pound commitment to the School, including the transfer of R&D equipment, the co-location of its UK training team and a number of undergraduate scholarships and sponsored research PhDs.

Steve Middlebrough, Director of Engineering at Siemens, says: “Our collaboration with the University of Lincoln is groundbreaking in many ways. It represents a new model of industry/educational collaboration.”
Working Internationally

The University has a rapidly growing international reputation. Research is conducted alongside global industry leaders, while students benefit from a curriculum that reflects the international environment and encourages the skills to succeed on a global stage.

- International research collaborations include projects on Airship propulsion, harnessing kinetic energy from landing aircraft and the use of sensory stimuli in retail.
- The University is supporting multinational companies and organisations in their training, educational and research needs.
- Lincoln maintains partnerships with other major universities around the world, particularly in China and India.
- More than 100 nationalities are represented amongst the student population.

International Partners see EYE-2-E

A major international research project that aims to replicate the complexities involved in animal and human vision is being led by Lincoln academic Dr Shigang Yue.

Eye2E: Building a Visual Brain for Fast Human Machine Interaction is a collaboration with the University of Hamburg, Tsinghua University and Xi’an Jiaotong University, and combines expertise in biology, biotechnology, mathematics and computer engineering.

Dr Yue, an expert in artificial intelligence, computer vision, robotics and neuroscience, says: “This project is bringing opportunities for the four partners to complement each others’ research strengths and to build strong connections between global institutions in a fast-growing economy.”
Research with Real Impact

Research carried out at the University of Lincoln is transforming the world we live in, bringing with it tangible and sustainable benefits for individuals and society.

- Two thirds of research outputs submitted during the most recent Research Assessment Exercise (RAE) were recognised as having world-leading elements with the majority rated as internationally excellent.

- During the RAE, Lincoln received a more than 600% increase in funding, the highest amount out of the 25 teaching-intensive institutions that submitted.

- Major research projects include the link between seasonal flu vaccines and a reduced incidence of heart attacks, low carbon and alternative technology in aviation, cancer treatment and facial reconstruction in plastic surgery.

From Cancer Detection to Crime Scene Analysis

Distinguished Professor of Image Engineering Nigel Allinson is conducting research that has wide-reaching benefits for society. Previous breakthroughs include the creation of the world’s largest microchip for medical imaging which will lead to major advancements in radiology for cancer detection.

Professor Allinson pioneered the use of computer imaging to identify criminals by shoeprints – technology now used in the majority of UK police forces. His latest project focuses on new software which allows crime scene officers to take fingerprint and footprint lifts using a smart phone, potentially reducing the time it takes to identify a criminal from days to hours.
Partnering with Students

The industry-led nature of our courses is underpinned by rigorous academic content, but learning at Lincoln goes beyond the lecture theatre. The University is at the forefront of the Student as Producer movement, which challenges students to become active partners in their education.

- Students work with academics in the design and delivery of teaching to reflect their interests and needs, granting them a stake in the University’s future.

- Students learn through hands-on experience and improve their critical skills through engagement with research, which in turn increases their employability.

- The ethos of engagement and responsibility produces reflective, critical thinking graduates who are highly sought after and valued by employers.

Meaningful Learning

Biomedical Science student Tammy Wiltshire took her interest in the field beyond textbooks. In addition to her studies, Tammy took up an opportunity to work as part of a team alongside senior academic Dr Timothy Bates on a research project that is developing innovative treatments for cancer.

Tammy says: “It was a wonderful opportunity to develop my skills and my knowledge of research in biomedical science. I had the chance to use new equipment and saw how experiments are conducted from the outset.”

Tammy’s experience embodies Lincoln’s Student as Producer ethos, which encourages students to learn by doing and to participate in research output alongside University academics.
Industry-ready Graduates

The University of Lincoln helps students to maximise their potential throughout their studies. Graduates have the most up-to-date skills and training for their respective fields and are ready to begin making an immediate, positive contribution to the workplace.

- The University is constantly forging links with businesses through which students have the opportunity to undertake a work placement or ‘live’ client work as part of their studies.
- Our programmes are shaped by the current and future needs of employers in relevant industries.
- In the latest Destination of Leavers from Higher Education survey, 93% of our graduates were in employment or further study within six months of graduating.
- Many courses are accredited or validated by professional bodies, with which the University maintains links to enhance placement and employment prospects.

A Practical Education

Media Production graduate Liam Juniper found his voice at the University’s Siren FM, the UK’s first community radio station based at a university. His work now reaches a much larger audience through his job as a Studio Manager at the BBC World Service.

Liam is one of many to benefit from the University’s ongoing commitment to fostering and maintaining links with industry. The School of Media’s close ties with the BBC, and its BBC Education Partner Status, helped him obtain a placement with the broadcaster during his studies which led on to a full-time job after graduation.

The University of Lincoln has BBC Education Partner Status.
Facts and Figures

As a young, 21st Century institution, the University of Lincoln has:

93%
of our graduates in employment or further study within six months of graduating, according to the latest Destination of Leavers from Higher Education survey.

Along with its Students Union, more than 600 students and staff registered for voluntary work in the local community.

A number of courses ranked in the top 20 for student satisfaction, according to the National Student Survey 2011, with Accountancy ranked no. 1 for the third year running.

Been awarded significant research grants including a £3 million Erasmus Mundus project in Forensic Science.
Created more than 3,000 jobs within Lincoln.

Helped 100 businesses to get started through Sparkhouse, an award-winning business incubation centre.

Risen 48 places up the league tables in three years and is now in the top half of all UK Universities.

Most recently, invested £37m in the establishment of the first Engineering School in the UK for 20 years.

In the most recent national Research Assessment Exercise been awarded a more than 600% increase in funding based on the quality of its research.