

The University of Surrey's plans for a medical school



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Once in a lifetime, there is a moment that changes everything, in which the right people, at the right time, and in the right place come together to create something extraordinary and unexpected.

GUARDIAN UNIVERSITY
GUIDE 2018

TOP 10 IN THE GUARDIAN
UNIVERSITY GUIDE 2018

TEF Gold Teaching
Excellence
Framework

GOLD AWARD FOR OUTSTANDING
TEACHING IN THE FIRST EVER
TEACHING EXCELLENCE
FRAMEWORK (TEF)

The University in numbers

125 YEARS
OF SHAPING
THE FUTURE

TOP 10
GUARDIAN
UNIVERSITY
GUIDE 2018

£400M
CAMPUS
INVESTMENT*
*SINCE 2000

£80M
5G INNOVATION
CENTRE

140
COMPANIES
AT SURREY
RESEARCH PARK

£1.7BN
CONTRIBUTION
TO NATIONAL
ECONOMY

17,300 +
LOCAL JOBS
SUPPORTED BY
THE UNIVERSITY

GLOBAL MARKET
LEADER IN
**SATELLITE
TECHNOLOGY**

STUDENTS
FROM OVER
120 COUNTRIES

90% FOR
OVERALL STUDENT
SATISFACTION*
*IN THE NATIONAL STUDENT SURVEY 2017

93% OF STUDENTS
IN JOBS 6 MONTHS
AFTER GRADUATION*
*(HESA 2016)

2,300+ PLACEMENT
PARTNERS

Why Surrey?

At the University of Surrey, we seek answers to the world's most pressing questions. We actively share our knowledge through innovative teaching, professional training and business collaborations. We provide exceptional teaching and practical learning to inspire and empower our students for personal and professional success.

“
Surrey encourages students
to be the best they can be.
”

Jennifer Jacobsen
BSc (Hons) Business and Retail Management

90% FOR STUDENT SATISFACTION

We achieved an impressive overall satisfaction score of 90 per cent in the National Student Survey 2016.

TOP 10 IN THE *GUARDIAN* UNIVERSITY GUIDE 2018

In recent years, we've established ourselves as a top university in major national university league table rankings. We're ranked in the top 10 in the *Guardian University Guide 2018*.

93% OF STUDENTS IN JOBS 6 MONTHS AFTER GRADUATION (HESA 2016)

We set our students on the course to make the most of everything they do throughout their lives.

We're well known for our focus on graduate employability and according to Higher Education Statistics Agency figures, 93 per cent of our 2016 graduates were in work or further study six months after they graduated.

A TOP UNIVERSITY FOR SPORT

Surrey Sports Park is one of Europe's leading sports venues. This £36-million centre features world-class facilities and plays host to a number of professional teams, athletes and sports events. Surrey Sports Park is also home to Team Surrey, which offers 44 sports clubs for students to join.

A renowned international sports venue, Surrey Sports Park has hosted a wealth of events including the 2017 Women's Lacrosse World Cup, the 2013 Danone Nations Cup and the inaugural Paralympics GB SportsFest.

£45M SCHOOL OF VETERINARY MEDICINE

The establishment of a new £45 million School of Veterinary Medicine – one of only eight in the UK – has put Surrey on the map as a pioneering centre for interdisciplinary research to improve animal and human health.

Opened by HM The Queen, the new School's alliances with an extensive network of partners in clinical practice, research and industry provides an outstanding training environment for our students, as well as for practising veterinary surgeons, veterinary nurses, para-professionals and clinical scientists.

852 + INTERNATIONAL RESEARCH CO-AUTHORSHIPS 2015-16

Surrey is a world-class, research-led University, committed to research excellence. Our outstanding research contributions benefit society as a whole and address key global challenges. Through our research activity we are delivering global wellbeing, creating sustainable cities, communities and economies, and connecting societies and cultures.

Our research

Wonder should be at the root of all academic research, but at Surrey we never feel that our research is complete until it has been tested, built upon and used for the greater good. It's not that we only ever do applied research. We simply have a restless desire to make wonderful things happen as a result of everything we do.

Health

From nutrition to nursing ethics and from sleep to infectious disease, our academics are at the forefront of groundbreaking discoveries and translational research to improve human and animal health. Our research is improving the world we live in.



Science & technology

Our industrial collaborations and partnerships ensure our academics lie at the heart of shaping future technologies. Home to award-winning departments and world-leading research centres, our experienced scientists explore fields such as air travel, forensic analysis, satellite navigation, solar power, ultra-fast lasers, water sanitation and weather forecasting – to name just a few.



Society

From research into wearable electroencephalography (EEG) equipment to obesity drug failure and lack of accessible tourism, our academics are leading the way with their investigations into society. The diversity of our pioneering work reveals the role our academics play in creating a wider understanding of society.



THE QUEEN'S
ANNIVERSARY PRIZES
FOR HIGHER AND FURTHER EDUCATION
2017

2017

FOR PIONEERING
TEACHING AND
RESEARCH IN FOOD
AND NUTRITION

2011

FOR RESEARCH INTO SAFE WATER
AND SANITATION HELPING
TO SAFEGUARD MANY LIVES
AND COMMUNITIES WORLDWIDE

2002

FOR OUTSTANDING WORK
OVER THREE DECADES IN THE FIELDS
OF ION BEAM APPLICATIONS AND
OPTOELECTRONIC DEVICES

1996

IN RECOGNITION OF
TEACHING AND RESEARCH
IN SATELLITE ENGINEERING
AND COMMUNICATIONS

Food and nutrition

For over 50 years, we have been working to understand how food and nutrition can affect health, and to embed this knowledge in our teaching, with over 3,000 graduates trained nationally and internationally. Our pioneering research work delivers evidence to enable government bodies, industry, health professionals and individuals to improve diet and reduce the incidence of preventable diseases.

Mobile technology in medicine

Researchers from the University of Surrey have launched a new programme of research called eSMART (Electronic Symptom Management using ASyMS Remote Technology), that uses mobile phone technology to remotely monitor patients who are undergoing chemotherapy to treat breast, bowel and blood cancers. The Advanced Symptom Management System (ASyMS) allows patients to report the side effects from their chemotherapy via a mobile phone. This information is immediately sent securely to a computer, which assesses their symptoms and triggers alerts to doctors or nurses within minutes if they require specialist intervention.

Accessible tourism

Our research has found that Europe is losing out on as much as €142 billion every year due to poor infrastructure, services and attitudes towards travellers with special access needs. The European Commission-funded research found that travellers within the EU who required special access (whether through disability or age) undertook 783 million trips within the region in 2012, contributing €394 billion and 8.7 million jobs to the European economy. However, if European destinations were fully accessible, this demand could increase by up to 44 per cent a year – producing an additional €142 billion GDP and creating 3.4 million jobs.

Satellites and space debris

Researchers at Surrey Space Centre have created new technology to aid spacecraft repair, dispose of radioactive waste and monitor spacecraft. The intelligent robotic systems can inspect, monitor and identify when spacecraft needs repairing, and will also have the potential to support astronauts on space missions and to deal with space debris. The autonomous technology will be deployed in snake-like robots and will have a great deal of manipulability, perceiving their environment through built-in cameras.

Surrey means business

We're connected to the local community, the regional economy and the wider world through collaboration. Whether partnering with the biggest names in technology and communication to build the world's first 5G Innovation Centre on our campus, hosting 140 high-tech companies on our own Research Park, or stimulating over £1bn of economic activity in the south-east of England every year, our business partnerships put our expertise to work for everyone's benefit.

“
We're using our knowledge to deliver significant impact on business and society within the rapid speed of change in the digital era.
”

Professor Alan W. Brown

Professor of Entrepreneurship and Innovation, Surrey Business School

5G INNOVATION CENTRE

The 5G Innovation Centre (5GIC) at the University of Surrey is the largest UK academic research centre dedicated to the development of the next generation of mobile and wireless communications. Bringing together leading academic expertise and key industry partners in a shared vision, 5GIC will lead a £16m government investment which will bring together the three leading universities for the development of the world's first trials of end-to-end 5G system.

2,300+ PLACEMENT PARTNERS

Our long-established Professional Training placement programme is admired by universities around the world. Over the past five years, more than 2,300 partner organisations have worked with us to give students valuable experience of the professional environment and help them develop vital skills for the competitive graduate employment market.

SURREY PARTNERS WITH THE NATIONAL PHYSICAL LABORATORY

The University of Surrey, along with the University of Strathclyde, has been selected to enter into a partnership with the Department for Business, Energy & Industrial Strategy (BEIS) to set a new strategic direction for the world-renowned National Physical Laboratory (NPL), a global centre of excellence in measurement science.

ECONOMIC IMPACT

An economic-impact study, conducted by BiGGAR Economics, found that the University of Surrey and the Surrey Research Park generated around £1.7 billion Gross Value Added for the UK economy in 2014-15. The study revealed that the University and Research Park directly or indirectly supported more than 17,000 jobs - 10,644 of which were based in Guildford.

SURREY RESEARCH PARK

The Research Park is home to over 140 companies, with many specialising in social sciences, technologies, health-related activities and engineering. Since it was opened in 1985, the Park has helped over 500 companies – some of which were newly established businesses and are now world leaders in their field.

Today, the companies on the park employ more than 3,500 highly qualified staff, some of whom are recruited from within Surrey.

NUMBER ONE BUSINESS INCUBATOR IN EUROPE

The University has been incubating technology businesses since 2002, when (along with the universities of Bath, Bristol and Southampton) we founded the SETsquared Partnership. Since then, the University of Exeter has joined (2011) and the Partnership has directly supported over 650 companies, helping them raise over £750 million and creating over 1,000 new jobs. It has also been ranked by the University Business Incubator Index (UBI) as number one Incubator in Europe and second in the world 2014.



Our corporate strategy

The University of Surrey is a research-intensive university committed to teaching and research excellence, with a focus on practice-based education programmes that reflect our history. We provide a world-class experience to our students, who go on to make positive contributions to society. Continuing the spirit of our Royal Charter, we are committed to working in partnership with students, business, government and communities in the discovery and application of knowledge.

Our vision

The University of Surrey will be a leading global university. We will be renowned for the outstanding quality and impact of our graduates and research, as well as our collective contributions to society. We will build on our distinctive heritage of practice-based learning and excellent student experience, and embrace our future by focusing on digital transformation.

Our mission

The University of Surrey provides excellent education, and advances and disseminates knowledge.

The University transforms lives and shapes the world for a better future by partnering with students, governments, businesses, alumni and local communities.

The University makes social and economic impacts through research and innovation, and provides solutions to global challenges.

Our values

Our organisation is built on a core set of values. These define us as ambitious, but not at any cost. They tell us to be focused on our mission while encouraging creativity, respecting our people, and enabling them to realise their full potential. Our values underpin a strong culture of excellence, diversity, resilience and collaboration, which require us to be agile to change, and ready to adapt where and when we should.

The University of Surrey conducts its business by the following values:

RESPECT

We include everyone.

Through valuing equality and diversity in people, cultures and ideas, we build a vibrant and caring environment that supports people based on humanity, compassion and fairness.

AMBITION

We set stretching goals.

Through working to make the most of our potential and by taking advantage of opportunities, we add value for our students, staff, partners and for society as a whole.

COLLABORATION

We work in partnership.

Through supporting staff and students to work closely together across disciplines, with businesses and with industry, we benefit society.

INTEGRITY

We always aim to do the right thing.

Through a commitment to honesty, decency and transparency, we uphold the highest ethical standards and professionalism.

EXCELLENCE

We strive to be the best we can be.

Through a focus on quality, we always seek to improve everything we do.

Inspiring people

The University has a strong management team with a unique mix of business and academic leaders in their field.

Members of the Executive Board

- **President and Vice-Chancellor**
Professor G Q Max Lu
- **Provost and Executive Vice-President**
Professor Michael Kearney
- **Chief Operating Officer**
Mr David Sharkey
- **Chief Financial Officer**
Mr Philip Grainge
- **University Secretary and General Counsel**
Ms Sarah Litchfield
- **Senior Vice-President, Advancement and Partnerships**
Mr Greg Melly
- **Senior Vice-President, Global Strategy and Engagement**
Professor Vince Emery
- **Vice-Provost, Education and Students**
Professor Jane Powell
- **Vice-Provost, Research and Innovation**
Professor David Sampson
- **Vice-President, Marketing, Recruitment, Admissions and Communications**
Mr Michael Hounsell
- **Vice-President, Human Resources**
Mr Paul Stephenson
- **Executive Dean, Faculty of Arts and Social Sciences**
Professor Graham Miller
- **Executive Dean, Faculty of Engineering and Physical Sciences**
Professor Paul Smith
- **Executive Dean, Faculty of Health and Medical Sciences**
Professor Helen Griffiths
- **Director of Strategy and Senior Executive Officer**
Mrs Martine Carter

Our faculties

Faculty of Arts and Social Sciences

- Department of Music and Media
- School of Economics
- School of Literature and Languages
- School of Hospitality and Tourism Management
- School of Law
- Department of Politics
- Department of Sociology
- Surrey Business School
- Guildford School of Acting

Faculty of Engineering and Physical Sciences

- Department of Chemical and Process Engineering
- Department of Chemistry
- Department of Civil and Environmental Engineering
- Department of Computer Science
- Department of Electrical and Electronic Engineering
- Department of Mathematics
- Department of Mechanical Engineering Sciences
- Department of Physics
- Centre for Environment and Sustainability

Faculty of Health and Medical Sciences

- School of Biosciences and Medicine
- School of Health Sciences
- School of Psychology
- School of Veterinary Medicine





The first year — New ways of learning

Jennifer Jacobsen
BSc Business and Retail Management

"I came to the University of Surrey from Helsinki in Finland, after completing the International Baccalaureate.

The teaching and learning culture at Surrey has given me a deeper interest in my field of study – and my course has made me far more analytical of the current environment and my surroundings. Meeting and working with people from different backgrounds, cultures and university courses has made me much more curious about the world.

Surrey encourages students to be the best they can be, both academically and socially, and they offer you countless opportunities to help you develop yourself professionally (careers service, talks and fairs, company visits, placements and so on) as well as personally, and will actively support you every step of the way."



The second year — Studying hard

Ashleigh Thompson
BSc Biomedical Science

"I chose the University of Surrey because it's one of the best in the UK for biosciences degrees.

Working with my tutors has been fantastic – and having a personal tutor with such a passion for their subject has helped me to stay focused. All of the academics provide a solid support system – I've had lots of help from them since I started here, especially in terms of time management, and they've given me plenty of feedback and advice on my work.

Being taught by lecturers who are well known in their fields is a major plus point too, and I've really enjoyed the practical work. Meeting so many different people has been a life-changing experience."



Professor Jim Al-Khalili
Professor of Physics,
Professor of Public Engagement in Science

Professor Jim Al-Khalili obtained his PhD from Surrey in 1989, then, after two years at University College London, returned in 1991 to establish himself as a leading expert on exotic atomic nuclei. His related papers have over a thousand citations.

Alongside lecturing undergraduates and acting as admissions tutor, Professor Al-Khalili is a well-known science communicator. His books are translated into 26 languages and he is a familiar face thanks to his media work, including Bafta-nominated *Chemistry: A Volatile History* and BBC Radio 4's *The Life Scientific*.

Professor Al-Khalili is a recipient of the Royal Society Michael Faraday Prize and the Institute of Physics Kelvin medal and prize, receiving an OBE in 2007 for 'services to science'. In June 2016, he received the Stephen Hawking Medal for Science Communication.



Professor Sue Lanham-New
Head of the Department of Nutritional Sciences

Professor Sue Lanham-New is a Fellow of the Society of Biology and a Registered Nutritionist. She is a leading expert in the fields of vitamin D, diet and bone health, and a member of Public Health England's Scientific Advisory Committee on Nutrition.

Professor Lanham-New played a key role in the development of Surrey's new BSc Sport and Exercise Science degree and lectures on undergraduate and postgraduate programmes in the field of nutrition.

Her current work includes a £800,000 BBSRC-funded project on different forms of vitamin D for human health and a €6 million EU-funded project to set guidelines for vitamin D requirements for all age groups across Europe.



The third year — Professional placement

Daniel Littman
BSc Business Management and Spanish

"My three years at Surrey have really opened my eyes to different aspects of the world – I feel driven to explore it even more.

During my third-year placement, I worked as the Marketing and Media Manager for the Hilton Buenavista Toldeo in Spain. I secured the job with help from my tutors, who arranged an interview with the company, helped me to write my CV in Spanish and offered me mock interviews so I could practise. The best thing about my placement was the improvement in my Spanish.

The teaching at Surrey is excellent and has changed the way I think about and approach things. I had never studied Spanish before coming here but in the space of three years I can speak it fluently, which is a real credit to the dedication of my tutors."



The final year — Knowledge & experience

Sam Williams
BSc Electronic Engineering

"During my four years at Surrey, I found the culture of encouraging innovation amongst students to be really strong.

For my final-year project, I decided to create a mobile app for the University, including features I would have found useful as a student. I worked with tutors who were also passionate about mobile app technology, and discussed my ideas with them. They gave me really valuable input, and collaborating with them throughout the project was incredibly helpful.

The academic staff and the teaching environment at Surrey introduced me to new ways of thinking during my time there. Choosing to study at Surrey was a life-changing decision for me, and has set me up for a great career."



Professor Alan W. Brown
Professor of Entrepreneurship and Innovation,
Surrey Business School

Professor Alan W. Brown is a software engineer and business strategist who studies how agile delivery practices can help organisations create better solutions faster. He is Professor of Entrepreneurship and Innovation in the Surrey Business School where he leads activities in the area of corporate entrepreneurship and open innovation models. He has been instrumental in launching the Surrey Centre for the Digital Economy (CoDE), a research activity focused on exploring the impact of digital technology on business, the economy and society.

Professor Brown has extensive industry experience in a variety of areas, including leading business development in a Silicon Valley start-up, working as a product strategist and distinguished engineer at IBM, and a research scientist at the Software Engineering Institute at Carnegie Mellon University.



Professor Yang Gao
Professor of Space Autonomous Systems,
Head of the STAR Lab within Surrey Space Centre

Since joining Surrey Space Centre in 2004, Professor Yang Gao has worked with students on internationally teamed projects to develop autonomous system technologies for future near-Earth or interplanetary missions like ExoMars and MoonLITE.

As an elected Fellow of the Institution of Engineering and Technology (IET) and Royal Aeronautical Society (RAeS), Professor Gao has given invited lectures at international organisations and summer schools to boost engagement with the subject, and was named by *Times Higher Education* as one of 10 young leading academics in the UK significantly contributing to their discipline.



Our vision

The University of Surrey is planning an exciting new medical school, which will produce a new type of skilled medical graduate, ready and able to meet the increasing needs of tomorrow's patients.

We will produce doctors who are evidence-guided clinicians showing caring, holistic and professional approaches to patients, with a clear focus on integrating mental and physical health and promoting health as well as diagnosing and managing illness.

We aim to raise aspirations and attainment of young people who are under-represented in medicine to develop doctors of the future through our active Widening Participation programme. We will work within schools across the country, including areas with a shortage of doctors and where pupils do not traditionally go to medical school. We aim to support and mentor applicants identified by this route, who aspire to become students at our University.

Our curriculum plan puts patients at the heart of all our learning and teaching activity. The educational structure is based on patients, their experiences and their presentations. We will provide our doctors with the skills to work with patients on a one-to-one basis and in wider settings through community-based projects and placements from their very first term and throughout their five-year programme. One third of our clinical placements will be in general practice or community settings.

At the heart of our vision is a 'One Health' approach, which began with the launch of our pioneering School of Veterinary Medicine in 2014 and the Innovation for Health Learning Laboratory in 2017. One Health promotes the connection between the health of humans, animals and ecosystems. Here at Surrey, we have the power to deliver a truly integrated training programme for our medical students. Located within a multidisciplinary learning environment, our medical students will have opportunities to work alongside students studying nutrition, biomedical sciences, nursing, midwifery, paramedic science, operating department practice and physician associate studies. We will produce caring, holistic and socially aware medical graduates.

Our capabilities in 5G technology, Innovation for Health, and unrivalled business links with world-leading companies provide a fertile environment to grow and nurture innovative doctors who understand the power of digital technologies to transform health economics and patient experience, and will be confident to be leaders of change in the digital age. From the first day of their foundation programme these doctors will be equipped to make digital change happen.

A research strategy, focused on leading health improvements in infectious diseases, cancer, diabetes and dementia, will enable us to train doctors within our existing research strengths. Our Clinical Research Centre, Clinical Trials Unit and renowned Sleep Centre will be core pillars in the delivery of this.

Our innovative curriculum

As modern medical treatments progress, people are living for longer and with multiple health and social care problems. Patient care has become specialised and fragmented, while the public increasingly wants to maintain health and wellbeing for as long as possible, at or near home. Therefore, in addition to the core medical education that all excellent, caring, confident and intellectually curious doctors need to know, we are adding in our unique academic and practical strengths in digital and communication health technology, and organisational leadership.

From day one, our students will be learning about the ways technology can help patients - such as the use of wearable kit and monitors that provide data to help in early diagnosis of problems, keeping people well and often out of hospitals altogether. We will produce graduates who will be able to drive change and lead multidisciplinary teams, organising the delivery of healthcare using big data and the latest technology. Clinical training in our local nationally renowned NHS will give our students a cultural mindset to see patients holistically and as individuals, and value their mental and physical health and wellbeing as much as the diagnosis and management of disease.

We are sure it will be better for patients and our communities.

Working with us

The University of Surrey is seeking innovative individuals to form part of a creative team of academic medical educators who will work together to create our new community facing medical school.

Come and join us to prepare graduates who are excellent and holistic clinical leaders able to drive change and deliver caring, integrated and technologically advanced healthcare for their patients and communities.

Our graduates will not only understand what is possible today, but will become leaders of change who will develop and work in new models of healthcare delivery in the digital age.

Our strength is in our people. Surrey's academics make extraordinary discoveries which address some of the world's biggest challenges while setting our students on their own paths of discovery and success. Last year we marked 50 years in Guildford, and now we look forward to the exciting new future ahead.

Are you ready to enhance your own extensive clinical experience by training the digital doctors of tomorrow? Do you have a research vision which will support your teaching practice and can be nurtured at the University of Surrey?

We welcome interest from outstanding GPs, hospital and community clinicians, academic clinical researchers and educators excited by the prospect of working with a team of enthusiastic and creative medical educators at the University of Surrey. This is a great opportunity to make a significant contribution to the development of a new medical undergraduate curriculum, using evidence-based contemporary teaching, learning theory and methods. We aim to build genuine inter-professional training with specific input from the schools of the Faculty of Health and Medical Sciences (School of Health Sciences, School of Psychology, School of Veterinary Medicine and School of Biosciences and Medicine) along with input from departments from across the wider University.

We propose to support full-time, part-time and joint appointments and offer professional development to enhance your teaching skills in readiness for teaching delivery.

Where appropriate, we would recommend early conversations with your NHS employer in order to factor development opportunities with the University of Surrey into job plans. Please do however be aware that any pending appointment offers will be conditional until any award of student places, at the earliest in spring 2018.

Please check the vacancies page on our website as we progress plans further for our Medical School. There may not be an open vacancy that you can apply for at the moment, but we recommend that you use our email alert service in order to be alerted to relevant opportunities in the future.

Come and join more than 2,500 staff that have achieved an outstanding track record in education and research, obtained top-10 status in three major national league tables in 2015-16 and recently received a Gold award in the new Teaching Excellence Framework assessment for quality of teaching and learning provision. Become part of the vibrant, diverse and exciting working environment at the University of Surrey, and help us to make a difference to equip tomorrow's graduates for their future careers.



The Faculty of Health and Medical Sciences (FHMS) is one of the University of Surrey's three faculties. The Faculty is home to four schools, and world-leading facilities and research centres. In the latest UK Research Excellence Framework (REF 2014), 93 per cent of our biosciences, health, psychology and veterinary research was rated world leading or internationally excellent, placing Surrey eighth out of 94 institutions submitted in the Allied Health Professions, Dentistry, Nursing and Pharmacy category. The Faculty collaborates widely and has research partners in over 40 different countries worldwide (Africa, Asia, Australia, Caribbean, Europe, India, Middle-East, the US and UK).

The Faculty offers a wide portfolio of courses with considerable league table success for undergraduate, postgraduate and continuing professional development courses. Ranked 1st for Food Science (The Complete University Guide 2018), 6th Biosciences (The Guardian University Guide 2018) and 8th Psychology (The Guardian University Guide 2018), the Faculty offers courses that are academically rigorous and practically relevant.

FHMS' four schools all work together under a 'One Health' vision, to provide interdisciplinary research and teaching in human and animal health. One Health activities hosted in FHMS fit within two of the three themes underpinning the University of Surrey's Research Strategy, namely Innovation for Health and digital innovation. The next generation of communications technology and data analytics, namely 5G, puts Surrey at the forefront of the connected health agenda.

We are at a critical phase of our development of technology applications to consolidate our USP in electronic healthcare. Our expertise in the field offers us the opportunity to harness talent in the physiological and big data sciences that will enable the development and evaluation of new electronic healthcare devices.

The Faculty is home to a number of cutting-edge facilities. Surrey Clinical Research Centre (CRC) is a core human research resource which comprises of a MHRA Phase I Supplementary Accredited Clinical Research Facility and a Clinical Trials Unit (CTU) that together cover all aspects of trial design, set-up, trial conduct, data management, data analysis and reporting from single-site to global multi-centre trials. The CTU's expertise includes cancer, gastroenterology, palliative care, endocrinology, Phase I and in particular, pragmatic trials as well as trials of complex interventions. Since 1999 we have provided industry-leading services to pharmaceutical companies for trials at all stages.

The Surrey Sleep Research Centre (SSRC) is home to forward-thinking multidisciplinary approaches to sleep research and offers a wide range of state-of-the-art equipment to monitor, record and analyse sleep patterns and sleep disorders. Facilities include 12 individual bedrooms/sleep laboratories and a 12-bed ward with infrared CCTV monitoring.



Faculty of Engineering and Physical Sciences (FEPS)

With over 500 staff (including around 230 academics), 2,600 undergraduate students, 800 postgraduate taught students, 600 PhD students and an active research portfolio of over £75m, FEPS has an outstanding reputation for excellence in research, teaching and training. Our community is recognised – within the University and beyond – for its quality, diversity and global impact.

The Faculty is made up of four departments covering the physical sciences (Chemistry, Computer Science, Mathematics and Physics) and four engineering departments (Chemical and Process Engineering, Civil and Environmental Engineering, Electrical and Electronic Engineering, and Mechanical Engineering Sciences). We also host the Centre for Environment and Sustainability – the first centre of its kind in the UK, founded 20 years ago – which offers postgraduate courses and focuses on engineering-based approaches to environmental challenges, with insights from the social sciences.

Across the Faculty there are a total of over 40 research centres, which each play a role in the University's outstanding research output: in the 2014 Research Excellence Framework 78 per cent of Surrey's research was ranked as world leading or internationally excellent. Within FEPS, for example, the £80m 5G Innovation Centre collaborates with major industry partners to pioneer the next generation of mobile communications. The Advanced Technology Institute focuses on advancing electronic and photonic device technologies, bringing solutions in areas such as solar energy capture and quantum engineering.

The Surrey Space Centre (which pioneered the small satellite industry nearly four decades ago) now leads global projects such as the £13m RemoveDEBRIS programme, and the Centre for Vision, Speech and Signal Processing focuses on research in advanced data processing techniques, enabling applications in fields such as film, medical diagnosis and biometrics. Another area of research is the £6m FACER2VM project which aims to make face recognition ubiquitous by 2020. The Surrey Centre for Cyber Security is one of the largest of the 14 UK Academic Centres of Excellence in Cyber Security Research. Cross-cutting research across the Faculty covers a range of themes, including connected and autonomous vehicles, robotics, energy, advanced materials, and complex and dynamical systems.

FEPS constantly seeks to push the boundaries of both its teaching and research through innovative, collaborative approaches, and maintains strong research links with partners including Rolls-Royce, British Aerospace, Huawei, McLaren, and most of the major telecoms companies. Our academics lead the University's strategic partnership with the National Physical Laboratory, with two joint facilities (the Hyper Terahertz Facility, and the Nonlinear Microwave Measurement and Modelling Laboratories) recently opened up within FEPS. The Faculty also plays a key role in the University's strategic drive in Innovation for Health – a collaborative and interdisciplinary programme across engineering and health sciences, aimed at the application of technology to future healthcare. Supported by consistent investment and state-of-the-art facilities, the Faculty is a place where staff and students are encouraged to explore new opportunities, work together and aim high.





Faculty of Arts and Social Sciences (FASS)

Our Faculty brings together scholars and students from an extraordinary range of academic disciplines in a learning community dedicated to the discovery and enrichment of the arts, humanities and social sciences. We are a group of artists, entrepreneurs, lawyers and scholars working to investigate the opportunities, and understand the challenges, of our times. We bring together the very best from all disciplines to research what affects us most, to teach the next generation of leaders and to work with business, industry and policy makers around the globe.

Excellence in research is core to the strategy of the Faculty and many of its disciplines. We aim to be international leaders in the fields of morphology, digital economy, tourism, sustainability, translation and social simulation, to name a few. We are focused on the importance of interdisciplinary research across the social sciences and research methodologies.

Each year we welcome more than 5,000 bright, dedicated students onto our degree courses. Our students know that strong ideals must be coupled with excellence in practice. In FASS, we emphasise the value of research alongside our 'conservatoire' culture of learning by doing. Our students engage with the theory and history of their discipline while working on real problems, and have the opportunity to gain valuable workplace experience through our renowned Professional Training placements.

Our industry connectivity continues to go from strength to strength as we deliver executive education for international businesses and the public sector, as well as working with regional organisations. We continue to host successful masterclasses, evening courses, moots, debates and specialist training in areas such as social research and vocal confidence.

The Faculty is home to the University's campus in China. Surrey International Institute at Dongbei University of Finance and Economics (SII-DUFE) is a joint academic partnership institution between the University of Surrey and Dongbei University of Finance and Economics in Dalian, China, offering dual degree undergraduate courses in business and tourism management.

Our learning community is global. Our staff are as diverse as our student body. We speak dozens of languages and offer each other learning opportunities that draw on our remarkably different backgrounds. Our alumni hold senior positions in industry and academia across the world, and we are proud of the contribution they make to society.

The Faculty was created in August 2015, bringing together the former Faculty of Business, Economics and Law and Faculty of Arts and Human Sciences. This merger was part of a wider University strategy to provide focus and clarity, differentiation and scale. The creation of FASS aimed to provide the optimal environment for the arts and social sciences to drive excellence in teaching, learning and research, and to work as a platform for growth.

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