

Measuring up

IMPACT AND CONTRIBUTION



2016 - 2017



UNIVERSITY OF
SURREY

Contents

- 3 Foreword from President and Vice-Chancellor, Professor G Q Max Lu
- 4 Finance and philanthropy
- 5 Our community
- 6 Giving back
- 7 Arts, culture and events
- 8 Surrey Sports Park
- 9 Research
- 10 Living together
- 11 Environment and sustainability
- 12 Innovation and the economy
- 13 Incubation and innovation
- 14 Spotlight on:
raising aspirations and attainment
- 15 Reflections

2016-17 IN NUMBERS

17,800 jobs supported across the UK by the University and Surrey Research Park	2,300+ bursaries for students from lower income households
£1.75bn Gross Value Added generated across the UK by the University and Surrey Research Park	48,700+ people attended public events held by the University of Surrey
£3.1m raised in philanthropic donations	£40.3m funding for research projects
14,165 full time students	2,000+ hours of alumni volunteering recorded
13,674 beneficiaries of Widening Participation and Outreach activities	1,000+ hours of student volunteering in the local community recorded





Foreword

FROM THE VICE-CHANCELLOR

The University of Surrey's economic and social contribution to the community around us and wider society is substantial. We are a truly global community of ideas and people, dedicated to life-changing education and research, working together to shape a better world for tomorrow.

Our 2014-15 impact report, *Driving Positive Change*, reflected on the contribution we make to society through first-rate academic activity and real-world impact. By continuing to recognise, understand, and improve our impact, we can contribute to positive change locally, nationally, and around the world. Our 2015-16 report, *Measuring Up*, therefore provided an update and a snapshot of some of the University's achievements in that year. This report, *Measuring Up* 2016-17, provides a further update. These annual reports mark our ongoing commitment as an institution to evaluating, adapting and growing our contribution to society.

2016-17 marked the 50th anniversary of the granting of our Royal Charter and a programme of events throughout the year provided opportunities to strengthen links at local, national and international levels. As we move forwards into Surrey's second half-century in Guildford, we recognise the vitality of our relationship with our local community and the role of our staff, students and supporters in achieving our goals and driving positive change.

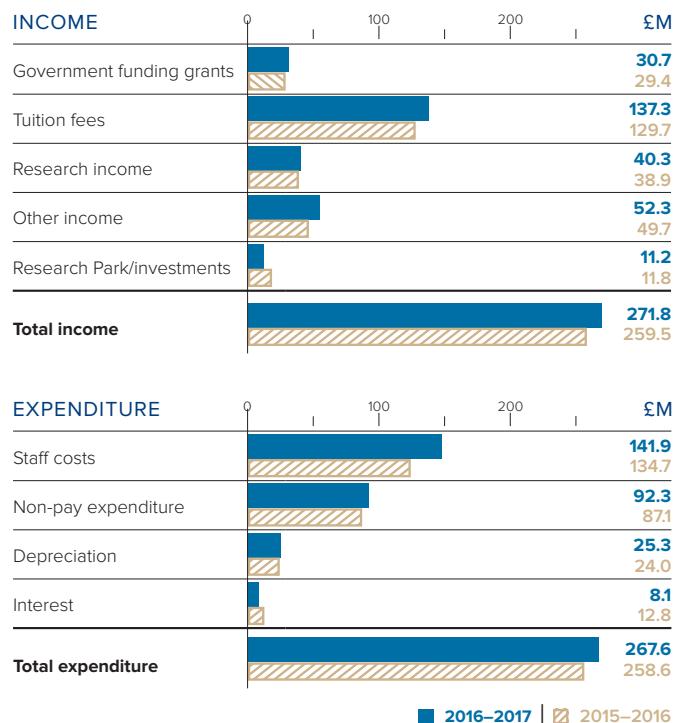
Professor G Q Max Lu,
President and Vice Chancellor

Finance and philanthropy

2016-17

2016-17 was another year of solid growth at Surrey, with our total income rising by five per cent to £271.8m. Total expenditure for 2016-17 was £267.6m, giving a surplus of £4.2m. The University is a not-for-profit organisation with charitable status. All surpluses are reinvested back into the University to improve the physical estate, to develop our academic activities and to enhance our services.

We have continued to invest heavily in our estate to improve the student experience and increase our research capacity. Our capital investment in 2016-17 totalled £49.9m as we began developing the next phase of new student accommodation on our Manor Park campus. In 2016-17 we also completed our £12.5m Innovation for Health building, which will help transform healthcare in the UK by providing training that embraces both health and engineering sciences.



THE IMPACT OF PHILANTHROPY

£3.1m

RAISED IN PHILANTHROPIC
DONATIONS

We are extremely grateful for the generous support of our alumni and friends who help to change lives by supporting our students, campus facilities and pioneering research.

In 2016-17 the University of Surrey was supported by over 1,400 people and 54

2,000+

ALUMNI VOLUNTEERING
HOURS RECORDED

charitable trusts, foundations and companies, raising more than £3.1m from philanthropic donations. Over 500 alumni and external supporters gave over 2,000 hours of their time to the University's Volunteering Programme in 2016-17, including 545 mentoring hours.

Our community

The University of Surrey was established on Guildford's Stag Hill 50 years ago. In that time, we have become an integral part of the town and our institution makes a valuable contribution to the wider local and regional community. We are proud to call Guildford home.

STAFF, STUDENTS AND ALUMNI

14,165

FULL-TIME
STUDENTS

3,000+

EMPLOYEES AT
THE UNIVERSITY

112,450+

UNIVERSITY OF SURREY ALUMNI

17%

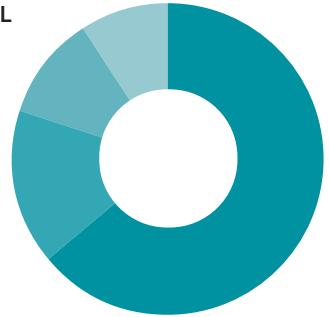
OF SURREY ALUMNI LIVE
IN DEVELOPING COUNTRIES

13,300+

SURREY ALUMNI LIVE
IN THE GUILDFORD AREA

STUDENTS ON PROFESSIONAL TRAINING YEAR 2016-17

- 64% LONDON AND SOUTH EAST
- 16% REST OF UK
- 11% EUROPE
- 9% REST OF WORLD



At Surrey we employ 3,029 people. A third of our employees live in Guildford and another third live in the county of Surrey. Around 80 per cent of full-time students were based in Guildford.

In the 2016-17 academic year, we had 15,719 students, as well as over 672 students studying for the first stage of courses at our campus in China. Of our UK-based students, 90 per cent were studying full-time.

We are proud to be a culturally diverse university. 37 per cent of students at Surrey in 2016-17 were from outside the UK, helping to demonstrate both the diversity of our student body and the international reputation the University enjoys.

Surrey also has a global network of over 112,450 alumni from over 170 countries. 13,327 Surrey alumni live in the Guildford area, and 68 per cent live in the UK. 17 per cent live in developing economies¹.

¹Following economic categories in the UN World Economic Situation and Prospects Report (2018)

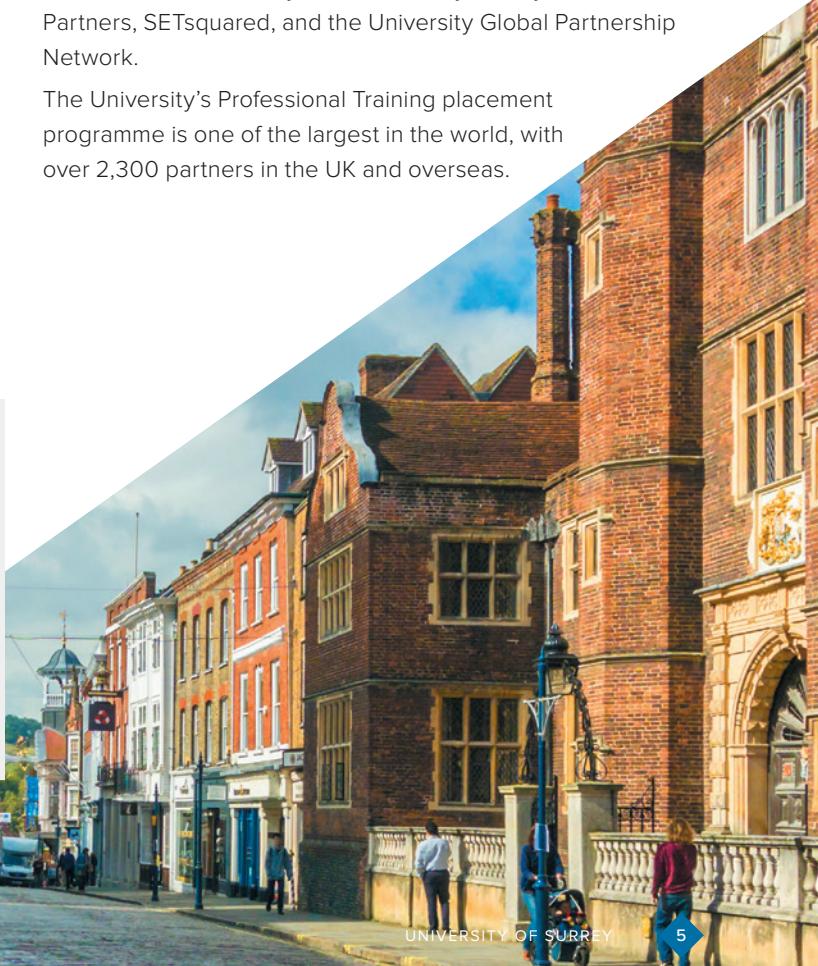
PARTNERS

At Surrey, we collaborate with a range of partners across the world, from businesses to the third sector, to enhance our research and its impact on industry and society. Our partners include the National Physical Laboratory, Surrey Health Partners, SETsquared, and the University Global Partnership Network.

The University's Professional Training placement programme is one of the largest in the world, with over 2,300 partners in the UK and overseas.

GUILDFORD CORPORATE CITIZENSHIP CHARTER

In March 2017, the University was one of the first signatories of the Guildford Corporate Citizenship Charter. As part of a growing partnership between Guildford Borough Council, the University of Surrey, and almost 30 local businesses and organisations, the charter demonstrates our commitment to making a positive contribution to society, the community and the town.



Giving back

Surrey students and staff are actively involved in our local community, and take part in external and University-wide volunteering and charitable campaigns throughout the year. We value the voice of our local community and in 2017 over 1,000 local residents responded to our annual Residents' Survey.



£25,000

RAISED FOR CHARITY BY
STUDENT CLUBS AND SOCIETIES

1,000+

HOURS OF STUDENT
VOLUNTEERING COMPLETED
IN THE LOCAL COMMUNITY

4,898

CHARITY BAGS DONATED
TO THE BHF IN 2016-17

7,000+

FOOD ITEMS DONATED TO
THE USSU GET GIVING FOOD
CAMPAIGN SINCE 2015

VOLUNTEERING AND FUNDRAISING WITH SURREY STUDENTS' UNION

The Students' Union Community Zone ensure that volunteering opportunities are available to all students. The University of Surrey Students' Union (USSU) record volunteering activities in the community, and in 2016-17 they completed over 1,000 hours of volunteering with organisations in the local community. In 2016-17, over 2,000 students volunteered for the USSU, and USSU clubs and societies raised over £25,000 for charity. In June 2017 alone the USSU Get Giving Food campaign collected over 3,300 food items for Guildford food banks.

SUPPORTING THE BHF

The University partners with the British Heart Foundation and Guildford Borough Council on a large-scale annual campaign to donate unwanted goods left in student rooms when they move out. In 2016-17 our staff and students donated 4,898 charity bags, estimated to have raised £68,572 to help fund the BHF's life-saving work.

BUILDING RELATIONSHIPS ACROSS THE GENERATIONS

In 2016-17, over 50 of our students spent time visiting Dray Court sheltered housing in Guildford, bringing homemade cakes and live performances from the University's Gospel Choir to older residents. Volunteers from the USSU Ballroom and Latin Dance Society also organised monthly tea-dances to bring together the town's elderly community.



Arts, culture and events

The University provides local residents with a range of opportunities to participate in its sporting, educational, cultural and social activities.

48,772 people attended public events such as lectures and arts performances held by the University in 2016-17, including 21,350 attendees at free events.



48,700+

PEOPLE ATTENDED PUBLIC EVENTS HELD BY THE UNIVERSITY OF SURREY IN 2016-17

6,000+

PEOPLE ATTENDED THE UNIVERSITY'S FESTIVAL OF WONDER

In 2016-17, our year-round public arts programme included 213 ticketed events and 46 free lunchtime concerts. 15,592 people attended our ticketed events in 2016-17 and over 51 per cent of attendees were members of the public.

We continue to sponsor the annual Guildford Book Festival and co-organise the Annual Architecture Lecture with the Guildford Society. The University also takes part in events in the local and surrounding area, including the UK wide Bright Club and global Pint of Science festival. 400 local people attended talks by 26 Surrey academics in three local pubs for Pint of Science in May 2017.

CELEBRATING 50 YEARS IN GUILDFORD

To celebrate the University's 50th anniversary, we ran a programme of public events throughout 2016-17. The major highlight was the Festival of Wonder, which marked the close of the anniversary celebrations in May 2017. Over 6,000 local residents, students and staff came together to enjoy an incredible programme of music, dance and comedy performances, talks, sports activities, hands-on workshops, and science and technology exhibits.



Surrey Sports Park

Surrey Sports Park continues to be a major asset to the local community as well as to the University, providing opportunities for the public both to participate in sport and to watch competitions of the highest level. The Park is also home to some of the world's top elite sports teams and athletes.



60,942

ATTENDEES AT SURREY SPORTS PARK EVENTS IN 2016-17

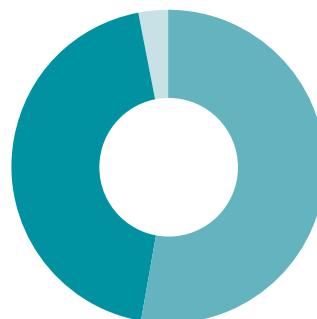
5,607

SCHOOL CHILDREN WORKED WITH IN 2016-17

44%

PUBLIC MEMBERS OF SURREY SPORTS PARK 2016-17

SURREY SPORTS PARK MEMBERSHIP 2016-17



3% STAFF

53% STUDENT

44% PUBLIC

BUILDING FUTURES WITH HALOW PROJECT

In June 2017, Surrey Sports Park worked with Halow Project, a Guildford based charity, on their Building Futures training and development programme for young people with a learning disability. 11 young people spent half a day with the Surrey Sports Park Team acquiring work experience in different departments, including climbing, fitness, operations and front of house.

Building Futures Manager, Graham O'Connor, said :
"What Surrey Sports Park offered is a really hard thing for us to find. This sort of work-placement is so priceless for our young people and some of them have been beaming about the experience ever since!"



Research

Our research continues to have a far-reaching impact. Recent highlights include our cutting-edge work on 5G technology, our world-leading collaboration on air pollution, and our impressive new facilities in the Innovation for Health building.

Our researchers also collaborate extensively with colleagues from around the globe, and as a result over half of our research outputs feature an international author.



£40.3m

RESEARCH INCOME IN 2016-17

TRANSFORMING DEMENTIA CARE WITH THE INTERNET OF THINGS

Dr Payam Barnaghi, Reader in Machine Intelligence at the University of Surrey, is pioneering dementia care using the Internet of Things (IoT). Technology Integrated Health Management (TIHM) is one of only two NHS IoT testbeds operating in England, and is improving the lives of people with dementia by supporting them to stay safe and well in their own homes for longer, to reduce hospital and care home admissions, and to relieve the stress on carers.

This major NHS study received the Best Mental Health Initiative award in 2017 (EHI 2017 Awards) and is shortlisted for the HSJ Value in Healthcare Awards (March 2018).



Living together

As residents of Guildford, our student population bring numerous benefits to the community and many of our alumni continue to live and work in the local area after they graduate.



5,100

STUDENTS LIVING IN UNIVERSITY ACCOMMODATION

We estimate that in 2016-17 there were 11,400 full-time Surrey students studying on campus who may have required accommodation in Guildford². Around 5,100 lived in University accommodation. In 2016-17, the University commenced development of the next £80m phase of student accommodation to provide an additional 480 student rooms from September 2018 and a further 670 rooms from September 2019.

In 2016-17, the University established its own resident's group, working with neighbours close to campus. We are continuing to work with local landlords through University of Surrey Lettings to help students find safe and suitable accommodation.

² This is likely to be a maximum number as it does not allow for groups such as students living in their parents' or their own homes in Guildford, or students living outside Guildford and commuting in.

UNIVERSITY OF SURREY STUDENTS' UNION IN THE COMMUNITY

Since 2015, a growing team of Community Reps from the University of Surrey Students' Union (USSU) have been volunteering their time to build relationships in the local area. In November 2016, the USSU and the Surrey Advertiser held a public Housing Debate with local councillors and residents to discuss important issues around housing in Guildford.

Environment and sustainability

We are improving sustainability on campus, embedding it across our day-to-day operations, teaching and research. The University's Global Graduate programme teaches sustainability to 150 students from a wide range of disciplines each year.



20%

INCREASE IN THE NUMBER OF PEOPLE TRAVELLING TO AND FROM UNIVERSITY BY BUS BETWEEN 2016 AND 2017

Although in 2016-17 our CO₂ emissions increased by 0.9 per cent and our water use increased by 3.8 per cent compared to 2015-16, the University has achieved a 10 per cent reduction in carbon emissions since 2005 despite new campus developments and growing student numbers. Across energy, water and waste, we continue to invest in infrastructure which is kinder to the environment.

HOW WE TRAVEL

We monitor the way our staff and students travel to and from the University. Through University-wide campaigns and projects we seek to increase the number of people walking, cycling and using public transport on campus. In February 2017, the Transport team launched the Student Car Club, a new car pool scheme for students on Stag Hill and Manor Park in partnership

with Enterprise Cars. This initiative is designed to reduce the number of students bringing their own vehicles to Guildford. By improving cycling infrastructure, we will get more people cycling safely in Guildford. In 2016-17, we increased our cycle storage and putting cycle travel at the heart of our Estates master plan leading to improved cycle infrastructure around campus. Our Transport team have also focused on a number of walking promotions for staff and students, including organising staff-led lunchtime walks during Healthy Universities Week in October 2016.



Innovation and the economy



At Surrey, we measure our economic contribution through Gross Value Added (GVA) assessments. To evaluate our economic impact an annual assessment is made by independent consultants, BiGGAR Economics, of activities across the University. Their reports provide an important tool for understanding the economic contribution of the University.

ECONOMIC VALUE

In the academic year 2016-17 the University of Surrey and its Research Park generated almost £1.75bn Gross Value Added (GVA) for the UK. The 2016-17 study also found evidence that the University and Research Park generate £6.41 GVA impact across the UK for every £1 received in income and that for every direct job at the University 6.5 jobs are supported throughout the UK economy.

Companies on Surrey Research Park employed around 4,400 people, a significant proportion of which were in highly technical jobs. In total, the University and Surrey Research Park directly or indirectly supported 17,800 jobs, including 13,800 in the county of Surrey and 11,200 in the borough of Guildford in the year 2016-17.

£1.75bn

GVA GENERATED ACROSS THE
UK BY THE UNIVERSITY AND
SURREY RESEARCH PAR

17,800

JOB SUPPORTED ACROSS THE
UK BY THE UNIVERSITY AND
SURREY RESEARCH PARK



Incubation and Innovation



The University of Surrey is a source of pioneering technological research. Innovations, technology transfer and spin-out companies from the University, are also key sources for employment and economic development.

In 2016-17, active companies that have spun out of research undertaken at the University of Surrey supported 844 jobs. The total turnover of active University spin-outs for 2016-17 was over £88.8m.

The University of Surrey also supports growth and economic activity in the region through its innovation ecosystem. The University has been incubating technology businesses since 2007 as a founding partner of SETsquared. In 2016-17, the 101 companies supported by the University's incubators supported 301 jobs and the total turnover was £12.8m.

The S100 Club is the University of Surrey's own angel investment network. The Club has successfully helped businesses raise angel investment and given potential investors access to high quality ventures since 2007. In 2016-17 the Club leveraged over £5.85m of funding and supported 70 jobs in the UK.

844

JOBS SUPPORTED BY
UNIVERSITY SPIN-OUTS IN THE
UK IN 2016-17

101

COMPANIES SUPPORTED BY
SURREY INCUBATION IN 2016-17

£5.85M+

FUNDING LEVERAGED BY THE
SURREY 100 CLUB IN 2016-17



Spotlight on:

RAISING ASPIRATIONS AND ATTAINMENT

The Widening Participation and Outreach Department (WP&O) at the University of Surrey is vital to the University's work in raising aspirations and attainment for students from a range of backgrounds. In 2016-17 the University invested £3.7m in undergraduate bursaries for students from lower income households. The number of students benefiting from support increased from 1,923 in 2015-16 to 2,306 in 2016-17.



Students from King's College, Guildford
on campus at Surrey

8,987

SECONDARY SCHOOL STUDENTS
ATTENDED ACTIVITIES

2,742

PRIMARY SCHOOL STUDENTS
ATTENDED ACTIVITIES

1,945

PARENTS/CARERS ATTENDED
ACTIVITIES

2,306

BURSARIES FOR STUDENTS
FROM LOWER INCOME
HOUSEHOLDS

KINGS COLLEGE, GUILDFORD

78 per cent of Kings College students engaged with at least one WP&O activity in 2016-17

In February 2017, the University of Surrey placed a full-time Widening Participation Co-ordinator at Kings College, Guildford to support students from under-represented groups in higher education. Through this partnership the University aims to assist the school in raising attainment and aspirations through consistent and targeted WP support.

A wide range of activities have been developed, including Literacy Leaders, a volunteering initiative where Surrey students read with school students, and the Finding Our Futures programme which includes sports mentoring, GCSE tutoring, and university students acting as positive role models. We also sponsor a student Attainment Award.

The first year of the partnership has led to an increase in students' confidence and aspiration towards university study and an improvement in their knowledge of possible future pathways.

School Principal, Alastair McKenzie said "*the partnership has been transformational. Student aspiration has significantly increased with their exposure to the opportunities offered by prolonged academic study.... An example of the impact of this increased academic aspiration was demonstrated by recent Year 9 options choices, where the more traditionally academic subjects were significantly more popular. The work has been exceptional for the wider community and developing their positive view of the impact of having a university as part of their community, rather than separate from.*"

"I was set on doing hairdressing and wasn't going to do anything else [or] take any other GCSE's than the ones I needed, but now I think I should do all of them so that I can do anything." – Kings College student

WORKING WITH SCHOOLS

Working closely with primary and secondary schools in Guildford and across Surrey, the WP&O department designs and delivers a full programme of exciting and informative activities for a range of different ages.

Our team are constantly developing new activities on and off campus aimed at introducing young people to university subjects, life, and pathways to university.

In 2016-17 the WP&O Department ran the 'Your Future' sustained engagement programme in collaboration with Surrey County Council for 16 students in primary and secondary education who were refugees or asylum seekers.

The programme involved a series of workshops for young people and focused on pathways to higher education and career opportunities, financial support and subject taster sessions.



Reflections

Measuring Up 2016-17 marks our ongoing commitment at Surrey to measuring, monitoring and addressing the significant impact we have as a University. By measuring and reflecting on this activity, we can strive to extend it where it is positive, and seek to modify it where it is negative. Through such measurement, we also aim to foster a sense of civic pride and responsibility throughout the University of Surrey and beyond.

Our economic contribution has grown by 4 per cent since 2015-16 and over 25 per cent since our first economic impact report for 2012-13. In 2016-17, we contributed £1.75bn to the UK economy and supported 17,800 jobs. However, the impact we have on society goes beyond a contribution to economic growth. Some key social and cultural contributions from 2016-17 include: offering opportunities to participate in free sports, educational, cultural and social activities to 21,350 people; raising over £68,500 through charity bag donations from staff and students to support the British Heart Foundation; and working with nearly 9,000 secondary school students through widening participation and outreach activities to raise aspirations and attainment.

This report has also presented updates on our staff, student and alumni community, including how they travel and live as residents in Guildford, and how the University is working with the local community to manage this social and environmental impact.

Above all, our strength is in our people. Our local and global partnerships, alongside the support of our alumni and friends, enable us to change students' lives, support development in the local and wider economy, and research innovative solutions to pressing issues faced by our society today, such as in the health care sector.

The impact of the University of Surrey will continue to be observed and evaluated annually in order to understand how we are driving change and advancing our future contribution to society in a socially conscious manner.





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Disclaimer

We've made all reasonable efforts to ensure that the information in this publication was correct at the time of going to print in June 2018, but we can't accept any liability for any inaccuracies in the information published, and the information might change from time to time without notice.

For the latest and most up-to-date information, please visit our website at: surrey.ac.uk

