UNIVERSITY OF SURREY

HEAD OF

SCHOOL OF BIOSCIENCES AND MEDICINE

ENTER

A WORLD OF COLLABORATION

SURREY IS MADE UP OF MANY TALENTED INDIVIDUALS WHO MAKE US A GREAT INSTITUTION. AND WORKING TOGETHER, AND CONNECTING WITH EXTERNAL INSTITUTIONS, BUSINESSES AND GOVERNMENT MAKE US EVEN STRONGER.

Since the University's founding in the 1960s, and before that at Battersea College, our community has thrived on strong connections with the world outside our campus. This spirit of collaboration is evident across the University today at every level. It informs our teaching, adds value to our research and increases our impact – connecting people with ideas, students with opportunities and businesses with technology.

Collaboration begins with the connections we make in our community, supporting projects that make a difference locally, and extends to our global partnerships that are enabling transformative research in areas such as 5G, AI, cancer treatment and sustainable tourism.

Around the globe and beyond, Surrey plays a significant role. We were one of only a few UK universities invited to take part in the GREAT Festival of Innovation in Hong Kong, a wonderful forum for collaboration and interdisciplinary discussion on technologies that will drive the UK's future economic growth. We also saw the first successful deployment of the RemoveDEBRIS satellite, a project we are leading with a consortium of space sector organisations.

There's real energy, momentum and ambition to Surrey. It's always been part of us, and I'm excited to be able to share with you how we're taking that energy forwards into the future.

These collaborations, and many others, are bringing improvements across a diverse range of fields, and new connections are propelling us in surprising directions. At Surrey, we are continuously redefining and joining together the many spheres that surround us – from real worlds to virtual ones, and from the worlds inside ourselves to those at the farthest reaches of our imagination.

Professor G Q Max Lu AO DL FAA FTSE
President and Vice-Chancellor
University of Surrey

FACULTY OF

HEALTH AND MEDICAL SCIENCES

WITH ALMOST 4,700 STUDENTS, THE FACULTY OF HEALTH AND MEDICAL SCIENCES (FHMS) IS ONE OF THE UNIVERSITY OF SURREY'S THREE FACULTIES.

FHMS is home to talented staff and students across its four Schools of Biosciences and Medicine, Health Sciences, Psychology and Veterinary Medicine, whose world-class research, learning and teaching capabilities are enabled and enhanced by focussed, well-resourced facilities. Its mission is to improve the health and wellbeing of humans and animals and their environments through new knowledge and its application to the design, development and delivery of responsible innovation and impact.

A WELCOME FROM

PROFESSOR PAUL TOWNSEND, PRO-VICE-CHANCELLOR AND EXECUTIVE DEAN, FHMS

“Our vision is to be internationally recognised for delivering high quality teaching, research, innovation and impact, resulting in sustainable benefit for the health and wellbeing of humans and animals and the global environment. We are internationally known as a partner of choice and exemplary for developing postgraduate and early career researchers. Our mission is to improve the health and wellbeing of humans and animals and their environments through new knowledge and its application to the design, development and delivery of responsible innovation and impact.”

We are growing our reputation as the place for the next generation of researchers and innovators to develop the confidence and skills they need to launch their careers. To echo the University’s Strategy, we will not only support our researchers for today but also prepare them for success tomorrow. Key doctoral training partnerships include the Leverhulme Quantum Biology Doctoral Training Centre; the FoodBioSystems Doctoral Training Partnership and the Applied Research Collaboration Kent, Surrey and Sussex.

Our research is driven by an understanding of the importance of collaboration and co-creation with colleagues and with those individuals, groups and organisations beyond our Faculty and University who have an interest in our work, and with those who have an interest in their work. We use these interactions to shape what research we do, as well as how it is conducted, disseminated and used; through such knowledge exchange and stakeholder involvement we will foster innovation for the widest possible benefit. It is the varied disciplinary knowledge, networks, life experiences and skills of our research and innovation community that will enable us to achieve our mission.

Our research focus falls principally under the University theme tackling the Global Grand Challenge of Lifelong Health. This focus is underpinned by pillars of research excellence in:

- Chronobiology and Sleep
- Infection and Immunity
- Nutrition and Food Security
- Healthy ageing and supporting long term conditions
- Understanding Relationships with Social and Physical Environments
- Digital Health and Data Science

FACULTY

CORE FACILITIES

OUR RESEARCH AND RESEARCH-LED TEACHING CAPABILITIES ARE ENABLED AND ENHANCED BY FOCUSED, WELL-RESOURCED FACILITIES THAT ARE SUPPORTED BY A CENTRALLY-FUNDED RESEARCH TECHNICAL TEAM OF 60 TECHNICIANS.

The clinical research facility (CRF) is a core human research resource which is Medicines and Healthcare products Regulatory Agency (MHRA) accredited for first in human, Phase I, studies. Our clinical trials unit (CTU) is UK Clinical Research Collaboration (UKCRC) accredited and covers all aspects of trial design, set-up, trial conduct, data management, data analysis and reporting from single-site to global multi-centre trials.

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 individual sleep laboratory bedrooms and a hospital ward environment with infrared CCTV monitoring.

Our Digital Health Technology Accelerator is part of a multi-partner enterprise to enable innovation and implementation of digital devices and ways of working to improve patient care and enable individuals to live in their homes independently and for longer as they age.

Aside from standard laboratory facilities, our dedicated, technician-supported research facilities include, but are not limited to: automated quantitative pathology imaging; automated immunohistochemistry; confocal microscopy, including live cell; mass spectrometery; bioreactors; Illumina MiniSeq; flow cytometry, including cell sorting in containment level 2; Microencapsulator facilitating innovative single cell RNAseq; animal gait analysis; human movement analysis including gait.

THE SCHOOL OF

BIOSCIENCES AND MEDICINE

The School aims to optimise human and animal health for the benefit of society, in the face of global challenges such as ageing populations, disease burden, food security and climate change. Our expertise is focused in terms of critical mass of world leading experts working in four broad areas: biochemical sciences, microbial sciences, nutritional sciences and clinical and experimental medicine. Our research capability is supported by superb facilities and a centrally-funded skilled technical team. It extends from molecular analyses at the bench, through in vitro small animal studies, first in human clinical trials and 'second translation' research in the community.

In chronobiology and sleep research we exploit fabulous molecular biology and in vivo facilities to study circadian rhythmicity, including the effects of light and sleep and this work is complemented beautifully by work on humans thanks to our state-of-the-art residential clinical facilities.

Basic and clinical translational research in the School is also undertaken in clinical medicine, cardiovascular science, immunology, oncology and multi-omics, the latter having considerable big data analytical capability. This research is further enabled by our accredited clinical trials unit and clinical research facility, the latter with first in human capability. Complementing these are our Surrey Health Economics Centre (SHEC) and we host the NIHR-funded South East Research Design Service.

Our bacteriologists cover a broad spectrum of pathogens and represent the largest grouping of investigators in Tuberculosis research in the UK.

Our virology research emphasises virus exploitation and interaction with cellular processes including translation, protein processing and innate immune responses. These infection biology studies are enabled by in-house containment level 3 facilities and complemented by systems biology research expertise.

In nutritional sciences, our research benefits from the clinical facilities described above and includes molecular nutrition and micronutrients, metabolic medicine and macronutrients and sports and exercises sciences.

Colleagues in the School are proud that their commitment to championing the benefits of equality, diversity and inclusion in their School workforce was acknowledged in September 2017 by an Athena SWAN Silver award from the Equality Challenge Unit (ECU); this Silver award was the first to be awarded to the University of Surrey.

THE SCHOOL OF BIOSCIENCES AND MEDICINE

"IMPROVING HUMAN AND ANIMAL HEALTH THROUGH WORLD-LEADING DISCOVERY AND TRANSLATIONAL RESEARCH AND TEACHING IN BIOSCIENCES AND MEDICINE"

Department of Clinical & Experimental Medicine

- Clinical Medicine
- Statistical Multi-Omics
- Oncology
- Surrey Sleep Research Innovation Centre
- CTU/CRF
- Research Design Service-SE
- Surrey Health Economics Centre (SHEC)

Centre for Ageing Research, joint with SASH

Department of Biochemical Sciences

- Cardiovascular Sciences
- Chronobiology
- Immunology
- Teaching Enhancement

Department of Microbial Sciences

- Bacteriology
- Systems Biology
- Virology
- Teaching Enhancement

Department of Nutritional Sciences

- Metabolic Medicine and Macronutrients
- Molecular Nutrition and Micronutrients
- Public Health and Food Security (+ Sports & Exercise Science)
- Teaching Enhancement

PROFESSOR/HEAD OF

BIOSCIENCES AND MEDICINE

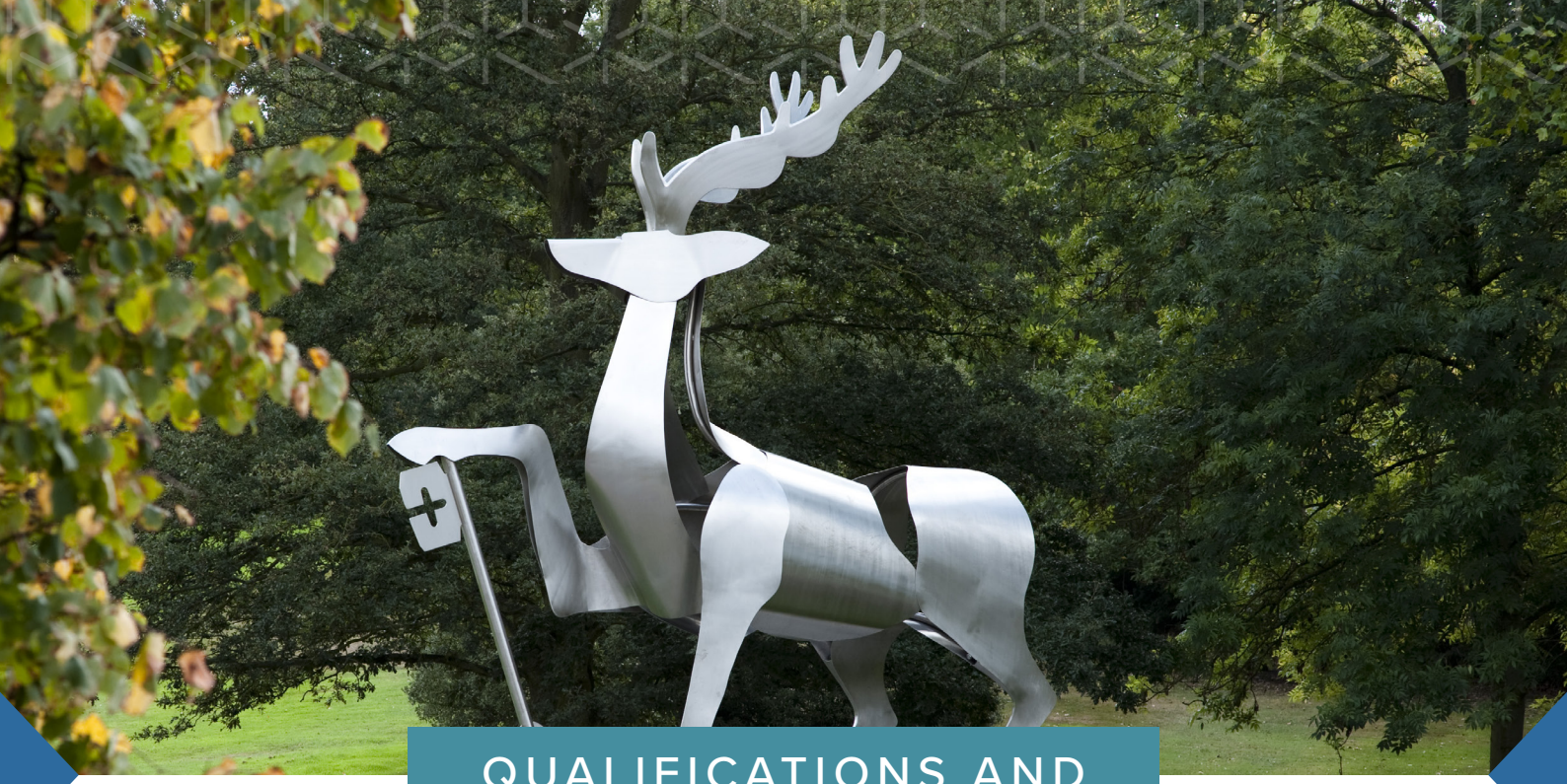
THIS LEADERSHIP POST PRESENTS AN OPPORTUNITY FOR SCHOLARS WITH A COMMITMENT TO FOSTERING A RESEARCH AND LEARNING COMMUNITY THAT IS AS COLLEGIAL AND INCLUSIVE AS IT IS INNOVATIVE. REPORTING TO THE PRO-VICE-CHANCELLOR & EXECUTIVE DEAN AND A MEMBER OF THE FACULTY EXECUTIVE BOARD, YOU WILL PROVIDE INFLUENTIAL, STRATEGIC AND OPERATIONAL GUIDANCE TO THE SCHOOL AND FACULTY.

KEY RESPONSIBILITIES

- **Providing influential, strategic and operational guidance to the School and Faculty.**
- **Continuing in your success to date as a world leading academic, using your leadership ability to drive the teaching and research direction, impact and sustainability of Biosciences and Medicine at Surrey**
- **Supporting colleagues in securing continuous research funding to deliver the highest quality research-led teaching and enhanced translational research**
- **Building relationships within the School, Faculty and University and securing collaborations and partnerships across the University, locally and internationally, in particular with the NHS and the Pirbright Institute.**
- **Enabling innovative teaching and curriculum development at both undergraduate and postgraduate levels**
- **Providing leadership, mentorship and management of colleagues with inclusivity and wellbeing underpinning the success of your students and colleagues.**
- **Driving forward wider applied and translational research and teaching opportunities and delivering strategies that will enhance the School's positioning and impact, ensuring that these strategies are aligned and embedded within the Faculty and University strategy and vision.**

PERSONAL QUALITIES

As a pioneering leader, you will have outstanding interpersonal skills, able to both listen to and inspire others, engaging your stakeholders with your clear strategy to grow and sustain a collegial and inclusive teaching and research environment. You will be a role model for our University values, leading by both personal example and team relationships, striving to ensure that excellence permeates each and activity within the School. You will have the ability to foster networks which enable applied/commercialisation activity inside and outside of the discipline.



QUALIFICATIONS AND EXPERIENCE

- **A sustained record of securing significant research funding along with an exceptional and continuing publication profile.**
- **A strong interest and track record in converting research into societal impact**
- **A proven commitment to teaching innovation and excellence**
- **Evidence of leading and engaging colleagues**
- **An external network developed from your excellent interpersonal skills**
- **Previous experience of developing and delivering strategies to enhance a School/Department's positioning and impact**
- **A higher research degree (PhD) in Biosciences or related discipline**

If you are the successful candidate, you will become a major contributor to the success of the University's ambitions, driving forward our strengths in Biosciences and Medicine at Surrey. In this role, you will develop and lead a team of internationally recognised researchers and educators and share in their mutual success.

On appointment, you will move into the Head of School position, leading your School at the same time as being supported to continue to achieve your own research and scholarship potential. This post attracts a highly competitive salary and relocation package. The period of tenure of Headship also attracts a pensionable Head of School allowance. The Headship is for five years in the first instance (subject to renewal) after which point, you will typically resume full professorial duties within the School. However, this role gives you access to a variety of academic and professional development opportunities, contributing to pan-university activities which will undoubtably support you in furthering your personal and professional goals.

EQUALITY, DIVERSITY AND INCLUSION

AT SURREY, WE ARE VERY PROUD OF THE DIVERSITY WITHIN OUR COMMUNITY AND ARE COMMITTED TO PROVIDING AN INCLUSIVE ENVIRONMENT THAT OFFERS EQUITABLE OPPORTUNITIES FOR ALL.

We strive for Surrey to be a place where everyone feels welcomed, valued and safe. Our vision to be a leading global university relies on our proven ability to attract the best people from the UK and internationally to work and study here; this can only be achieved when we work together to create a truly inclusive culture.

Our Equality, Diversity and Inclusion (EDI) Plan 2020-2025 lays out our aims to develop our inclusive and supportive culture, eliminate discrimination, harassment and victimisation, and advance equality of opportunities. Across University of Surrey, we are working actively towards fulfilling our EDI Plan targets and encourage everyone to engage with and participate in its progress. To achieve culture change, we are working to embed EDI in all teaching and learning, research and partnerships, as well as supporting our professional services colleagues. This will enable a self-sustaining process that will support EDI in becoming 'second nature' for our community.

We are proud members of the Race Equality Charter and the Athena SWAN Charter for gender equality (holding University and departmental awards). We are also a Stonewall Diversity Champion and a committed Disability Confident employer. Our AccessAble app provides accessibility support to people who need it around our campus and we have thriving staff networks and equality groups that support our work in all our areas of equality (gender, race/ethnicity, LGBTQI+, disability and faith).

Athena SWAN Silver Award

disability confident COMMITTED

Stonewall DIVERSITY CHAMPION

Race Equality Charter RACE CHARTER

HOW TO APPLY

A search exercise is being undertaken by Minerva, one of our Executive Search partners. Minerva will support the University in identifying the widest possible field of qualified candidates and will assist in their assessment.

Informal enquiries about the post and formal applications should be directed to **surrey@minervasearch.com.** Formal applications should include a full, current CV and covering letter.

The closing date for applications is 7th May 2021.

minervasearch.com/surrey

University of Surrey is committed to providing an inclusive environment that offers equal opportunities for all. We place great value on diversity and are seeking to increase diversity in our community. Therefore, we particularly encourage applications from under-represented groups such as people from Black, Asian and minority ethnic backgrounds, women and people with disabilities.

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