

# OUR HEALTH@UTS MISSION

CREATING SUSTAINABLE, PEOPLE-CENTRED AND INTEGRATED HEALTH SYSTEMS AND CARE, WITH THE WIDER HEALTH SECTOR, UNDERPINNED BY TRANSLATIONAL SCIENCE, THOUGHT LEADERSHIP, ADVOCACY AND INNOVATIVE HEALTH TECHNOLOGIES, POLICIES AND PRACTICE.



Sports scientists assessing human movement. Photography by: Anna Zhu



Rob Silberstein from Northcott Innovation demonstrating the Step Climber. Picture courtesy Northcott Innovation



Microbiologist Cynthia Whitchurch uses the UTS Data Arena. Photography by: Sahlan Hayes

## OUR HEALTH EXPERTISE ACROSS UTS



### PRIMARY HEALTH CARE AND CLINICAL SERVICES

Workforce training, education and leadership of nursing, midwifery, sports and exercise sciences, pharmaceutical sciences, visual sciences, palliative and end of life care, clinical psychology and physiotherapy. Design and delivery of primary health care services (clinical psychology, pharmaceutical, visual and sports and exercise science).



### DATA SCIENCE AND ANALYTICS

Visualisation, machine learning, predictive data analytics and industrial mathematics and bioinformatics.



### HEALTH ECONOMICS AND HEALTH POLICY

Health technology assessment, applied econometrics, health economics, health services research, quality of life, choice modelling, economic evaluation and health policy evaluation.



### PUBLIC HEALTH AND PREVENTION

Epidemiology and biostatistics, health promotion, data linkage, health workforce and health services planning, monitoring and evaluation, applied, qualitative and quantitative research methods, water, sanitation and hygiene.



### HEALTH TECHNOLOGY AND DIGITAL DEVICES

Medical devices, imaging, diagnostics, translational bio-therapeutics, transcriptome research, e-learning, digital health applications and systems.



### CELLULAR BIOLOGY AND MICROBIOLOGY

Biochemistry, immunology, parasitology, protein chemistry, respiratory pharmacology, cancer cell biology, drug discovery and development, visual sciences, neuroscience, microbiome, biomarker discovery, drug resistance, neuroendocrine biology, formulation science and genomic epidemiology.



### HEALTH COMMUNICATION

Health communication, health and functional literacy, health promotion, e-health and m-health, health journalism, health education and entertainment education.



### REGULATIONS, ETHICS AND LAW

Health law, peoples' rights, end of life, law relating to health practice, regulation, medical and biological research.



### INNOVATION, SMART DESIGN AND PLANNING

Integrated product design, visual communication, animation, digital cultural production, interior and spatial design of public and urban spaces, public sector innovation practices and frame creation, liveable cities and urban green infrastructure.



**HEALTH@UTS**  
REDESIGNING FOR  
A HEALTHIER FUTURE

# HEALTH@UTS STRATEGIC DIRECTIONS 2016-21

UTS will improve health outcomes, reduce health inequalities and contribute to the redesign of health systems, in partnership with the wider health sector, by taking a whole-of-university, transdisciplinary and inter-professional approach to our health teaching, research, engagement and thought leadership across our eight Health Themes.



## Health is everyone's business. We are all affected by it and we are all responsible for it.

At UTS, we're committed to improving the overall health and wellbeing of our communities and creating people-centred health systems that are sustainable and equitable – from a healthy start to life to ageing well.

Globally, health is in a new and challenging era. Health systems continue to be under immense pressure, trying to meet rising demand, while delivering more value with fewer resources. Added to this is an ageing population, with an increased need for personalised health care within an explosion of digital health technologies and big data.

UTS has a diversity of health expertise that offers unique advantages in taking on these new global health challenges and devising novel and sustainable solutions to the delivery and management of health care.

We're focused on innovation, technology and entrepreneurship. We foster an environment of creativity, agility and resilience in our people, processes and systems. And social justice is at the heart of everything we do.

UTS is poised to help lead change in strong partnership with the broader health sector and industry, through a unique whole-of-university and inter-professional approach to our health research and innovation, teaching and learning, strategic engagement and thought leadership.

We're working to help redesign our health system for a healthier future.

Find out how we can work together to tackle tomorrow's health problems with disruptive and practical solutions.

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