

# UQ-Exeter-CUHK Joint Symposium

## UNIVERSITY SENIOR EXECUTIVES



**Professor Deborah Terry AO**, President and Vice-Chancellor, UQ

Professor Deborah Terry AO is a highly experienced leader in the Australian university sector – and an internationally recognised scholar in psychology.

Since August 2020, Professor Terry has served as President and Vice-Chancellor of The University of Queensland (UQ). Prior to this, she was Vice-Chancellor of Curtin University in Western Australia, from 2014 to 2020.

Having grown up in Perth and Canberra, Professor Terry completed her PhD in Social Psychology at the Australian National University in Canberra. She moved to Brisbane in 1990 to begin her academic career in UQ's School of Psychology. Between 1990 and 2014, Professor Terry progressed through a range of academic positions at UQ before moving into senior university leadership roles, eventually becoming Senior Deputy Vice-Chancellor.

Professor Terry is a Fellow and past President of the Academy of Social Sciences in Australia and an appointed member of the Australian Research Council Advisory Council. She currently serves on the Board of the Australia and New Zealand School of Government, Australia's Academic and Research Network and the National Schools Resourcing Board. She is also a former Chair of the Board of Universities Australia and a member of the Universitas 21 Executive Committee.

Professor Terry was made an Officer in the General Division of the Order of Australia (AO) in June 2015, in recognition of her distinguished service to education in the tertiary sector.



**Professor Lisa Roberts**, Vice-Chancellor and Chief Executive, Exeter

Professor Lisa Roberts took up her position as Vice-Chancellor and Chief Executive at the University of Exeter in September 2020. Prior to this, Professor Roberts was Deputy Vice-Chancellor for Research and Innovation at the University of Leeds where she led on the development of the University's research and innovation strategy. During this time, she led significant increases in the income, quality and impact of research at Leeds. She also led a major step change in how the University worked with business, from startups to large corporates; launching a new innovation hub and leading a city-wide team of senior city stakeholders through the MIT Regional Entrepreneurship Acceleration Programme (REAP). Before joining Leeds, Lisa was Executive Dean of the Faculty of Health and Medical Sciences at the University of Surrey, leading the Schools of Bioscience and Medicine, Psychology and Health Sciences. During this time, she developed and launched the eight School of Veterinary Medicine in the UK and developed a successful One Health Strategy with external partnerships being key to its success.

Professor Roberts is an expert in virology, having studied for her PhD at the Biotechnology and Biological Sciences Research Council (BBSRC) Institute for Animal Health (now the Pirbright Institute) and the University of Kent. Earlier in her career, she worked as a Product Development Manager for Procter and Gamble in the UK and Belgium.

She is a Board Member of the Russell Group and of the Heart of the South West Local Enterprise Partnership, Chair of the GW4 Council, Member of the Liveable Exeter Place Board, Commissioner on the UPP Foundation Student Futures Commission and Member of UUK's Charter for Portfolio Review Advisory Group.

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**Professor Rocky S. Tuan**, President and Vice-Chancellor, CUHK

Professor Rocky S. Tuan became the eighth Vice-Chancellor and President of The Chinese University of Hong Kong (CUHK) on 1 January 2018. Born and raised in Hong Kong, Professor Tuan pursued further studies in the US and received his PhD in Life Sciences in 1977 from the Rockefeller University. He is concurrently Lee Quo Wei and Lee Yick Hoi Lun Professor of Tissue Engineering and Regenerative Medicine at CUHK.

Professor Tuan is an internationally-renowned biomedical scientist specializing in musculoskeletal biology and tissue regeneration whose work covers both basic science and engineering, as well as translational and clinical applications. He directs a multidisciplinary research program focusing on the study of biological activities that are important for the development, growth, function, and health of musculoskeletal tissues, and the translation of this knowledge to develop technologies that will regenerate and/or restore functions to diseased and damaged tissues, particularly those related to trauma, injuries, and ageing.

Before joining CUHK, Professor Tuan was Distinguished Professor of Orthopaedic Surgery at the University of Pittsburgh where he led the Center for Cellular and Molecular Engineering in the School of Medicine, the Center for Military Medicine Research, and the McGowan Institute for Regenerative Medicine. In 2017, 2018, and 2019, he was elected as a Fellow of the National Academy of Inventors, the Chinese Association of Inventions, and the American Association of Anatomists, respectively. In 2021, Professor Tuan was also elected as a Fellow of the Orthopaedic Research Society and the Tissue Engineering and Regenerative Medicine International Society for his accomplishments in innovation and translational research that bring significant impact to society.



**Mr Rongyu Li**, Vice-President (Global Engagement), UQ

Mr Rongyu Li is an outstanding leader in the fields of international education and Higher Education administration. Prior to joining UQ, Rongyu was the Deputy Vice-Chancellor and Vice President (Students and Partnerships) at the University of Canberra. He has also held executive leadership positions at RMIT University (Executive Director, International), Deakin University (Executive Director, Deakin International), Auckland University of Technology (Director, International) and the University of South Australia (Head of International and Marketing, Faculty of Health Sciences).

In these roles, Rongyu has overseen global student recruitment and admissions, marketing and communications, transnational education programs, student support services, student administration, strategic planning, business intelligence and analysis. He has also implemented several transformational changes to improve the student experience, from enquiry to alumni.

Rongyu's leadership experience in the higher education sector extends beyond those roles he held above. He has contributed significantly to international education strategies at Federal, State and local government levels as well as successfully leading the development and implementation of strategic and operational plans at institutional levels.

Rongyu was Chair (2019–2020) and is a current Executive Member of the DVC/PVC International Group, Universities Australia. He is an Advisory Council member of Asia Society Australia, and he chairs the UQ College Board. For many years, he was an Executive Member of the Australian International Directors Forum (AUIDF). Rongyu was also one of the longest-serving board members of International Education Association of Australia (IEAA).

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**Professor Mark Goodwin**, Deputy Vice-Chancellor (Global Engagement), Exeter

Professor Mark Goodwin leads on Global Engagement for the University of Exeter. He is responsible for the delivery of the University's Global Strategy and has oversight of the University's global activities, including international student recruitment and global partnerships. His department's growing portfolio includes significant strategic partnerships with international universities including The University of Queensland and the Chinese University of Hong Kong.

Mark is also a Board Member and Vice-Chair of the Cornwall and Isles of Scilly Local Enterprise Partnership (LEP).

Mark joined Exeter in 2004, following his role as Director of the Institute of Geography and Earth Sciences at the University of Wales, Aberystwyth. He became Deputy Vice-Chancellor at Exeter in 2013, having previously been Dean of the College of Life and Environmental Sciences. He graduated in Geography from the University of Sussex, before completing his PhD at the London School of Economics.

Mark's academic research has centred on an analysis of the structures and processes of sub-national government. This has been pursued through a range of externally funded projects involving significant interdisciplinary research, specifically with political scientists and sociologists. He is the only geographer to have held Economic and Social Research Council (ESRC) grants in both the Local Governance Research Programme and the Devolution and Constitutional Change Research Programme. Mark has directed several research projects, worth in total over £2 million, funded by the ESRC, Welsh Assembly Government, Joseph Rowntree Foundation, and a variety of local, regional and national agencies. His publications include over 50 refereed papers and chapters, and he has written or edited eight books. Mark served on the Strategic Research Board of the ESRC from 2003-2007 and was its vice-chair from 2006-2007. He also sat on the Strategic Advisory Committee of the £24 million interdisciplinary research programme on Rural Economy and Land Use from 2003-2007 and chaired its Management Advisory Committee, which brought together representatives from three Research Councils. Mark was elected as an Academician of the Academy of Social Sciences in 2011.



**Professor Mai Har Sham**, Pro-Vice-Chancellor (Research), CUHK

Professor Mai Har Sham is Pro-Vice-Chancellor (Research) and Choh-Ming Li Professor of Biomedical Sciences at CUHK. She obtained her Bachelor of Science and Master of Philosophy in Biology at CUHK. She was awarded a Croucher Foundation Scholarship and pursued her PhD in Biochemistry at the University of Cambridge. Professor Sham received her postdoctoral training in Developmental Genetics in the National Institute for Medical Research in London, before joining The University of Hong Kong (HKU). She had previously served as Associate Vice-President (Research), and Head of the Department of Biochemistry, Assistant Dean (Research), and Director of the Centre for Reproduction Development and Growth in the Li Ka Shing Faculty of Medicine at HKU.

Professor Sham's research focuses on the molecular mechanisms of mammalian development and human congenital disorders. Her research group works on transcriptional regulation and functional genomics in craniofacial and sensory neural development and diseases. Her research laboratory uses mutant mice, stem cells and organoids, and single-cell technologies as experimental platforms.

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## MASTER OF CEREMONIES



**Professor Stuart Bearhop**, Associate Dean for International and Development, College of Life and Environmental Sciences, Exeter

Professor Stuart Bearhop is Chair of Animal Ecology in the Centre for Ecology and Conservation, College of Life and Environmental Sciences at Exeter. He is an ecologist with a range of interests mainly related to migration and foraging ecology of vertebrates (particularly birds) and the application of stable isotope techniques in animal ecology. His research group works at field sites all over the world: Sub-Antarctic New Zealand, South Atlantic, Portugal, Germany, Iceland, UK (including Shetland, St Kilda), Northern Ireland and Republic of Ireland, the Bahamas, USA, Canadian Arctic, and the central Pacific.

Professor Bearhop received his BSc and PhD from the University of Glasgow. He joined Exeter in 2007, having held teaching and research posts at the University of Glasgow, Durham University, and Queen's University Belfast.

## THEME LEADS



**Dr Sarit Kaserzon**, Co-Theme Lead for Global Environmental Futures, QUEX Institute, UQ

Dr Sarit Kaserzon is a Senior Research Fellow in the Queensland Alliance for Environmental Health Sciences (QAEHS), UQ. She co-leads the Global Environmental Futures theme in the QUEX Institute. Dr Kaserzon completed her PhD at QAEHS in 2014 with a focus on the development and calibration of passive sampler technologies for monitoring emerging pollutants in water. She obtained a Bachelor of Science in Applied Chemistry at RMIT University in 2009.

Dr Kaserzon's research is related to the monitoring, identification, and analysis of chemical pollutants in environmental systems, including novel sampling procedures. This includes developing methods for the rapid screening and identification of chemical hazards in drinking and environmental samples. Her research in the monitoring of trace organic pollutants has included pioneering work on the first passive sampling monitoring techniques for perfluorinated chemicals (PFAS). Through this work, the first PFAS sampler has been calibrated for use in groundwater systems and wastewater treatment plants.



**Professor Joe Lee**, Director, Institute of Environment, Energy and Sustainability (IEES) and Co-Director, CUHK-Exeter Joint Centre for Environmental Sustainability and Resilience (ENSURE), CUHK

Professor Joe Lee is a Professor in the School of Life Sciences (SLS), Director of the Simon F.S. Li Marine Science Laboratory and IEES, as well as Co-Director of ENSURE. He also serves as Programme Director of the Environmental Science Programme in SLS. Professor Lee joined CUHK in August 2017 from Griffith University (Griffith). He started his academic career at The University of Hong Kong (HKU) in 1989 before taking up a position at Griffith in 1997. He received his PhD from HKU in 1988.

Professor Lee's research on the ecology of marine, particularly estuarine and wetland ecosystems such as mangroves and saltmarshes, has resulted in over 180 refereed full-length publications to date. His multi-disciplinary approach investigates the involvement of the biota including humans in underpinning the biogeochemistry and physical environment of coastal ecosystems, and their capacity for key services. Now based in Hong Kong, part of the Pearl River region and the world's largest megalopolis, his current research focuses on the impact of coastal urbanization on estuarine ecosystem function, science-based restoration, and drivers of ecosystem recovery.

Professor Lee is a Chartered Fellow of the Royal Society of Biology in the UK, an Adjunct Professor in the Australian Rivers Institute at Griffith, and the founding Co-Chair and current Chair of the Mangrove Specialist Group of the International Union for the Conservation of Nature.

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**Professor Gavin Shaddick**, Chair of Data Science and Statistics, Department of Mathematics and Co-Director, ENSURE, Exeter

Professor Gavin Shaddick is Chair of Data Science and Statistics in the Department of Mathematics at Exeter, Co-Director of the Joint Centre for Excellence in Environmental Intelligence, a joint research center with the UK Met Office, and ENSURE. He is also Director of the UK Research and Innovation (UKRI) funded Centre for Doctoral Training in Environmental Intelligence: Data Science and AI for Sustainable Futures and leads the Environment Sustainability Theme at the Alan Turing Institute where he is a Turing Fellow.

Professor Shaddick's research lies at the interface of AI, big data, and environmental science. His research has major impact on a variety of fields including environmental modelling, epidemiology, global burden of disease, and public health. He is an internationally recognized expert in Bayesian spatio-temporal modelling and his methodological work is driven by the need for models and approaches which allow more accurate representation of complex systems in environmental modelling, policy support, and health. He is the author of over 180 publications and co-author of two books: *The Oxford Handbook of Epidemiology for Clinicians* and *Spatio- Temporal Modelling in Environmental Epidemiology*. He is a member of the UK Government's Committee on the Medical Effects of Air Pollutants and the sub-group on Quantification of Air Pollution Risk. He leads the World Health Organization's Data Integration Taskforce for Global Air Quality and led the development of the Data Integration Model for Air Quality that is used to calculate several air pollution-related Sustainable Development Goal (SDG) indicators.



**Professor Catriona McKinnon**, Co-Theme Lead for Global Environmental Futures, QUEx Institute, Exeter

Professor Catriona McKinnon is a Professor of Political Theory in the College of Social Sciences and International Studies at Exeter. She co-leads the Global Environmental Futures theme in the QUEx Institute.

Professor McKinnon is a political theorist working on climate justice and climate ethics. Her research in these areas adopts a broadly liberal approach which reflects her other research interests in contemporary liberal political philosophy (especially Rawls) and the theory and practice of toleration. In her work, she takes seriously what is owed to future people in the face of the climate crisis. She is increasingly engaged in transdisciplinary work on climate justice to better inform climate policy.

Before joining Exeter, she was Director of the Leverhulme Doctoral Programme in Climate Justice and Director of the Centre for Climate and Justice, both at the University of Reading.