6 May 2019

The 2019 Meet the professor series is a wonderful chance for students and staff to celebrate the careers and achievements of our newly promoted and recruited professors.

Our speakers will share their specialist knowledge and provide insights into 'what' and 'who' influenced their lives and careers.

**Date:** Monday 6 May 2019  
**Time:** 3.30 to 4.30pm  
**Location:** UNSW The Chancellery - Council Chambers, Kensington

**Professor Vinayak Dixit, UNSW Engineering**
Professor Vinayak Dixit is the Director of the Research Centre for Integrated Transportation Innovation (rCITI) at UNSW.
He started of doing his Integrated M.Tech in Mathematics and Computing from IIT Delhi and PhD in Transportation
Engineering from University of Central Florida. After which he joined as the Associate Director of Research at the
USDOT funded Evacuation Centre at Louisiana State University. His research has focussed on understanding choice
and behaviour and development of new technologies for transportation engineering. Current project includes exploring
new insurance paradigms in automated vehicles and novel traffic signal systems using crowdsourced data.

Lecture: Global Transport Transformed from Infrastructure to Service Delivery

Transport has historically been about physical design and delivery. This in recent years has evolved into a service
delivery paradigm, solving the complex needs of society’s mobility demands. Increasingly, it has become about data
management, risk management, business innovation and optimizing the human experience. Prof Dixit will present the
emerging scientific basis for the future of mobility planning, operations and risks as well as their management.

Professor Lisa Keay, School of Optometry, UNSW Science

Lisa Keay is the Head of School for the School of Optometry and Vision Sciences, University of New South Wales and a
Senior Research Fellow at The George Institute for Global Health, Sydney, Australia. She has a PhD in epidemiology
and a Masters in Public Health. She completed a research fellowship at Johns Hopkins University in 2007-2008 at the
Dana Center for Preventive Ophthalmology.

Lecture: Ageing and safe mobility

Most older Australians are life-long drivers. We have built our communities with vast road networks to allow heavy
reliance on motor vehicles for independence and mobility. Many studies have documented the effects of age-related
functional changes on driving ability. While crash rate increases with age, the participation in driving in later years is
growing. Findings from a large scale trial evaluating a safe transport program and investigations of naturalistic driving
patterns of older members of the community using live, in-vehicle monitoring will be shared. This research will be
discussed in the context of age-based licensing, transport alternatives and the vehicles of the future.

Register and find out more