






## 2016 Australia-APEC Women in Research Fellows

Name	Economy	Research project
<b>Associate Professor Dr Nguyen Thi Lan Huong</b> 	Viet Nam	Dr Huong will be hosted by University of Queensland to undertake her project <i>Defining Innovative Strategies for Wastewater Treatment in Vietnam: Assessing appropriate new and emergent technologies for transfer into Vietnam</i> . The project will assess innovative strategies and emergent technology to treat wastewater and storm water in Australia technologies for transfer into Vietnam.
<b>Dr Cheryll Ruth R. Soriano</b> 	Philippines	Dr Soriano will be hosted by RMIT to undertake her project <i>Inclusion, media and community engagement: Exploring access of marginal communities</i> . The project will examine the social ecology of new media use in slum communities and explore the intersections of socio-cultural space, technology, and youth cultures.
<b>Dr Fiona Hukula</b> 	Papua New Guinea	Dr Hukula will be hosted by the Australian National University to undertake her project <i>Addressing gender based violence in an urban village court</i> . The project will investigate how gender based violence is negotiated and mediated through the use of both informal and formal urban dispute resolution mechanisms in Port Moresby, PNG.
<b>Dr Xiuwen Zhou</b> 	China	Dr Zhou will be hosted by the University of Queensland to undertake her project <i>The Design of Blue Emitters in Organic Light Emitting Diodes (OLEDs)</i> . The project aims to facilitate the design process of blue OLED emitters to reach the full potential for flat panel displays and lighting.
<b>Dr Hoy-Yen Chan</b> 	Malaysia	Dr Chan will be hosted by the University of South Australia to undertake her project <i>Creating a Transition to Zero Energy Housing in Malaysia</i> . This project aims to develop strategies for a transition to zero energy housing in Malaysia which can be adapted according to local conditions.

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<b>Dr Laely Nurhidayah</b> 	Indonesia	Dr Nurhidayah will be hosted by the University of Wollongong to undertake her project <i>Marine Biodiversity Laws: A Comparative Study between Indonesia and Australia</i> . The project will examine ocean governance towards marine biodiversity conservation and sustainable use in Australia and Indonesia.
<b>Dr Marcela Henriquez-Henriquez</b> 	Chile	Dr Henriquez-Henriquez will be hosted by the Australian National University to undertake her project <i>Functional Genomic Variation in Sphingolipid Metabolic Pathways and risk for ADHD and other neurodevelopmental disorders</i> . The project will study the role that gene variations play in determining sphingolipid metabolic pathways as risk factors for neurodevelopmental disorders.
<b>Dr Nghiem Quynh Chi</b> 	Viet Nam	Dr Chi will be hosted by the University of Tasmania to undertake her project <i>Occurrence and structure of polyploidy in natural populations of Acacia dealbata in Tasmania</i> . The project will determine patterns of variation in the frequency of diploid, triploid and tetraploid trees which have some potential for planting at high elevation topography in Vietnam.
<b>Dr Sarani Zakaria</b> 	Malaysia	Dr Zakaria will be hosted by Flinders University to undertake her project <i>Creating nano cellulose membrane from palm oil pulp</i> . The project will examine the behaviour of nano cellulose membranes from palm oil pulp, which hold promise for the treatment of heavy metals, desalination of seawater and the removal of pathogens.
<b>Dr Vanitha Mariappan</b> 	Malaysia	Dr Mariappan will be hosted by the Menzies School of Health Research to undertake her project <i>Identification, Molecular Typing and Rapid Detection of Burkholderia Pseudomallei from Environmental Samples Collected in Northern Australia</i> . The project aims to determine the environmental point sources of outbreaks of disease spread by rodents in Northern Australia and develop a rapid detection method.