

Australia-India Early- and Mid-Career Fellowships 2018

14 leading Australian early- and mid-career researchers have been awarded scientific grants to undertake important research under the Australia-India Early- and Mid-Career Fellowships 2018.

The program supports Australian early- and mid-career researchers from the public, not-for-profit and commercial sectors to support research and initiate or consolidate collaboration with leading-edge Indian host organisations.

The Fellowships are supported by the Australia-India Strategic Research Fund (AISRF), a platform for bilateral collaboration in science jointly managed and funded by the governments of Australia and India

(<http://www.science.gov.au/international/CollaborativeOpportunities/AISRF/Pages/default.aspx>).

Researcher	Project	Host Institution(s)
Dr Nathan Bachmann Centenary Institute	Establishing culture-independent genome sequencing for tuberculosis drug resistance: Platform for bilateral partnership in translational genomics to improve tuberculosis control.	Professor Kiran Chawla Manipal University Dr Srikanth Tripathy Indian Council of Medical Research
Dr Khandoker Bakar CSIRO	The Artic hegemony: A hidden association between melting of sea-ice and increase in tropospheric ozone pollution.	Dr Sourish Das Chennai Mathematical Institute
Associate Professor Naveen Chilamkurti La Trobe University	Self-learning cybersecurity schemes in application of social networks.	Dr Anthony Franklin India Institute of Technology Hyderabad
Dr Daniel Gregg The University of Adelaide	Poverty traps, technological progress and climate change adaptation in rural Indian agriculture: Applying advanced statistical methods to a unique dataset.	Dr Shalander Kumar International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)
Dr David Hallford Deakin University	Establishing a joint Australia-India Centre of Excellence in Neurodevelopmental disorders.	Professor Manoj Sharma National Institute for Mental Health and Neurosciences
Dr Jahangir Hossain Macquarie University	Coordinated control of distributed battery energy storage systems for smart grids	Professor Mahesh Kumar Indian Institute of Technology Madras Professor Sukumar Mishra Indian Institute of Technology Delhi

<p>Dr Sreekanth Janardhana CSIRO</p>	<p>Groundwater resilience to irrigation and climate stresses in central and eastern India – a scoping study</p>	<p>Professor D S Arya Indian Institute of Technology Roorkee</p> <p>Dr Indu Jaya Indian Institute of Technology Bombay</p> <p>Dr Renji Remesan Indian Institute of Technology Kharagpur</p>
<p>Dr Vinod Jaya Sylaja University of Wollongong</p>	<p>Transport infrastructure development using coir geotextiles</p>	<p>Professor K S Beena Cochin University of Science and Technology</p>
<p>Dr Mugdha Joglekar The University of Sydney</p>	<p>The PREDICT Study: Plasma RNA Evaluation for Diagnosis of β-cell Death In Children with Type 1 Diabetes.</p>	<p>Professor Chittaranyan Yajnik K.E.M. Hospital and Research Centre</p>
<p>Dr Mega Kar Monash University</p>	<p>New materials for next-generation energy storage: innovation towards sustainability</p>	<p>Professor Aninda Bhattacharyya Indian Institute of Technology Bangalore</p> <p>Professor Sagar Mitra Indian Institute of Technology Bombay</p>
<p>Dr Suchithra Naish CQUniversity</p>	<p>Public health initiatives on emerging mosquito-borne diseases in Australia and India: investigating the essentials and exploring innovations for the future.</p>	<p>Professor Solomon Aluri Andhra University</p> <p>Professor Pawan Joshi Jawaharlal Nehru University</p>
<p>Dr Rangam Rajkhowa Deakin University</p>	<p>3D printed functional composites from protein fibre particles for biomedical applications</p>	<p>Associate Professor Sourabh Ghosh Indian Institute of Technology Delhi</p> <p>Associate Professor Vimal Katiyar Indian Institute of Technology Guwahati</p>
<p>Dr Hasitha Weerasinghe CSIRO</p>	<p>Investigation of degradation mechanisms and long-term stability of highly efficient perovskite solar cells</p>	<p>Associate Professor Ashish Garg Indian Institute of Technology Kanpur</p> <p>Associate Professor Sandeep Pathak Indian Institute of Technology Delhi</p>
<p>Dr Ayse Zengin Monash University</p>	<p>Ethnic differences in the age-related decline in muscle mass and strength and the effects on bone health.</p>	<p>Dr Baharati Kulkarni National Institute of Nutrition India</p> <p>Dr P S Reddy Society for Health Allied Research and Education (SHARE) India</p> <p>Professor Dr Nikhil Tandon All Indian Institute of Medical Sciences</p>