

# Global Connections Fund

## Priming Grant Awardees (PG171)

May 2017

NAME	Researcher/ SME	Company r Institution	State	Priority Area	Priority Economy	PROJECT TITLE
Dr Elias <b>Aboutanios</b>	Researcher	University of New South Wales	NSW	Advanced Manufacturing	Italy	Low-cost Rapidly Deployable High Altitude Balloon-borne Radar
Mr Paul <b>Curtis</b>	SME	T3Energy Pty Ltd	NSW	Advanced Manufacturing	USA	Improved performance cost effective super-insulated building systems
Professor Andrew <b>Dempster</b>	Researcher	School of Electrical Engineering University of NSW	NSW	Advanced Manufacturing	Singapore	Rocket launch from balloons
Dr Leslie <b>Edye</b>	SME	Leaf Resources Ltd	QLD	Advanced Manufacturing	Italy	Application of controlled hydrodynamic cavitation to biorefining
Professor Eric <b>Kennedy</b>	Researcher	The University of Newcastle	NSW	Advanced Manufacturing	China	Process for treatment of fluorine-containing synthetic greenhouse gases
Dr Anandasivam <b>Krishnapillai</b>	SME	PhoneLabs Pty Ltd.	SA	Advanced Manufacturing	USA	Transforming STEM Education with Sensor and Knowledge Modelling Technology.
Dr David <b>Ng</b>	SME	Cnaptic Pty Ltd	VIC	Advanced Manufacturing	Japan	3D printed optical and fluidic devices on image sensors for novel applications
Dr Christopher <b>Perrella</b>	Researcher	University of Adelaide	SA	Advanced Manufacturing	Germany	High-performance optical clock for next-generation precision timing
Dr Mark <b>Sceats</b>	SME	Calix Limited	NSW	Advanced Manufacturing	UK	Nano-Active Manganese Materials for High Power Lithium Batteries
Mr Jan <b>Verboomen</b>	SME	Boomer Advanced Manufacturing Solutions	QLD	Advanced Manufacturing	Germany	Large object 3D printer project

Assoc Professor <b>Yan Zhuge</b>	Researcher	University of South Australia	SA	Advanced Manufacturing	China	Utilisation of mine wastes as mineral admixtures for high performance concrete
<b>Dr Travis Beddoe</b>	Researcher	Depart Animal. Plant and Soil Science, La Trobe University	VIC	Food and Agribusiness	USA	“Personalised” Agriculture
Professor Roger <b>Hellens</b>	Researcher	Queensland University of Technology	QLD	Food and Agribusiness	UK	Enhancing stability and bioavailability of plant phytonutrients
Mr David <b>Hudson</b>	SME	GO Resources Pty Ltd	VIC	Food and Agribusiness	USA	Development of New and Unique Super High Oleic Safflower for Biobased Oil
Mr Gary <b>McKenzie</b>	SME	Future Turf Pty Ltd	WA	Food and Agribusiness	Italy	Expanding the marketplace of Village Green Turf in Southern Europe.
Ms Daniele <b>Pelliccia</b>	SME	Instruments & Data Tools	VIC	Food and Agribusiness	USA	A compact and low-cost hyperspectral imager for fruit maturity assessment
Assoc Professor <b>Jeremy Thompson</b>	Researcher	The University of Adelaide	SA	Food and Agribusiness	USA	Engage with Trans Ova, a USA cattle reproductive technology company
Ms Felicity <b>Turner</b>	SME	The Yield Technology Solutions	NSW	Food and Agribusiness	USA	Viticulture Modelling for Decision Support
<b>Dr Louise Brown</b>	Researcher	Depart Chemistry & Biomolecular Sciences, Macquarie University	NSW	Medical Tech Pharma	USA	Bright nanodiamonds for biomedical imaging and tracking
<b>Dr Blake Cochran</b>	Researcher	UNSW Sydney	NSW	Medical Tech Pharma	USA	3D printing of bone phantoms for medical imaging

Assoc Professor <b>Shanlin Fu</b>	Researcher	University of Technology Sydney	NSW	Medical Tech Pharma	Germany	Development of colour tests for in-field screening of new drugs of abuse
Dr Erol <b>Harvey</b>	SME	MiniFAB	VIC	Medical Tech Pharma	Switzerland	A novel pipetting device for biotherapeutics.
Professor John <b>Hayball</b>	Researcher	The University of South Australia	SA	Medical Tech Pharma	Netherlands	Novel production methods for vaccines.
Assoc Professor <b>Michelle Hill</b>	Researcher	QIMR Berghofer Medical Research Institute	QLD	Medical Tech Pharma	UK	Blood biomarkers for detection of oesophageal cancer
Assoc Professor Peter <b>Johnston</b>	Researcher	Griffith University	QLD	Medical Tech Pharma	USA	Micro-Needle Arrays for Measuring Cardiac Parameters
Professor Zdenka <b>Kuncic</b>	Researcher	School of Physics University of Sydney	NSW	Medical Tech Pharma	France	Translating a medical nanotechnology device in Australia
Dr Woei Ming <b>Lee</b>	Researcher	Research School of Engineering, The Australian National University	ACT	Medical Tech Pharma	USA	Next generation of multiphoton intravital microendoscopy
Mr Stephen <b>Pelosi</b>	SME	movendo Pty Ltd	VIC	Medical Tech Pharma	USA	Smartphone-based Health and Physical Activity Tracker
Assoc Professor William <b>Robertson</b>	SME	Australian Institute of Robotic Orthopaedics Pty Ltd	WA	Medical Tech Pharma	Germany	Development of next-generation Orthopaedic Surgical Systems.
Dr Nicola <b>Smith</b>	Researcher	Victor Chang Cardiac Research Institute	NSW	Medical Tech Pharma	Italy	Novel treatment for essential hypertension

Assoc Professor Philip <b>Sutton</b>	Researcher	Murdoch Childrens Research Institute	VIC	Medical Tech Pharma	UK	Developing a vaccine against stomach cancer
Mr Edward <b>Tota</b>	SME	Myall Wellbeing Pty Ltd	WA	Medical Tech Pharma	UK	A Motivational Wellbeing Model for Lifestyle Behavioural Change
Dr Liz <b>Williams</b>	SME	Hemideina	VIC	Medical Tech Pharma	UK	Re-imagining the cochlear implant to revolutionise the user experience
Dr Marc <b>Elmouttie</b>	Researcher	CSIRO	QLD	Mining Equip, Technology & Services	New Zealand	A new and efficient slope stability analysis method for Australian mining
Professor Victor <b>Rudolph</b>	Researcher	The University of Queensland	QLD	Mining Equip, Technology & Services	USA	Development of a novel Plasma torch capable for handling fine carbon particulate
Professor Sankar <b>Bhattacharya</b>	Researcher	Monash University	VIC	Oil, Gas & Energy Resources	Korea	Development of Biomass and Coal Drying Using COMBDry Technology from Korea
Mr Ross <b>Farrell</b>	SME	IUGOTEC PTY LTD	TAS	Oil, Gas & Energy Resources	USA	Advanced analytical technology for underwater hydrocarbon analysis and mapping
Mr Rahul <b>Kale</b>	SME	Sunpower Renewables Pty. Ltd.	VIC	Oil, Gas & Energy Resources	India	SunPower Solar and Energy Storage solutions
Dr Yinghui <b>Tian</b>	Researcher	The University of Western Australia	WA	Oil, Gas & Energy Resources	China	The Next Generation Offshore Foundation to Harness Ocean Renewable Energies
Dr Ziv <b>Hameiri</b>	Researcher	The University of New South Wales	NSW	Oil, Gas & Energy Resources	Singapore	Photoluminescence imaging of perovskite solar cells

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