

GLOBAL CONNECTIONS FUND PRIMING GRANT AWARDEES (PG171)

MAY 2017

Name	Researcher/ SME	Company / Institution	State	Priority Area	Priority Economy	Project Title
Dr Elias Aboutanios	Researcher	University of New South Wales	NSW	Advanced Manufacturing	Italy	Low-cost Rapidly Deployable High Altitude Balloon-borne Radar
Mr Paul Curtis	SME	T3Energy Pty Ltd	NSW	Advanced Manufacturing	USA	Improved performance cost effective super-insulated building systems
Professor Andrew Dempster	Researcher	School of Electrical Engineering University of NSW	NSW	Advanced Manufacturing	Singapore	Rocket launch from balloons
Dr Leslie Edey	SME	Leaf Resources Ltd	QLD	Advanced Manufacturing	Italy	Application of controlled hydrodynamic cavitation to biorefining
Professor Eric Kennedy	Researcher	The University of Newcastle	NSW	Advanced Manufacturing	China	Process for treatment of fluorine-containing synthetic greenhouse gases

Dr Anandasivam Krishnapillai	SME	PhoneLabs Pty Ltd.	SA	Advanced Manufacturing	USA	Transforming STEM Education with Sensor and Knowledge Modelling Technology.
Dr David Ng	SME	Cnaptic Pty Ltd	VIC	Advanced Manufacturing	Japan	3D printed μ optical and μ fluidic devices on image sensors for novel applications
Dr Christopher Perrella	Researcher	University of Adelaide	SA	Advanced Manufacturing	Germany	High-performance optical clock for next-generation precision timing
Dr Mark Sceats	SME	Calix Limited	NSW	Advanced Manufacturing	UK	Nano-Active Manganese Materials for High Power Lithium Batteries
Mr Jan Verboomen	SME	Boomer Advanced Manufacturing Solutions	QLD	Advanced Manufacturing	Germany	Large object 3D printer project
Assoc Professor Yan Zhuge	Researcher	University of South Australia	SA	Advanced Manufacturing	China	Utilisation of mine wastes as mineral admixtures for high performance concrete
Dr Travis Beddoe	Researcher	Depart Animal. Plant and Soil Science, La Trobe University	VIC	Food and Agribusiness	USA	“Personalised” Agriculture

Professor Roger Hellens	Researcher	Queensland University of Technology	QLD	Food and Agribusiness	UK	Enhancing stability and bioavailability of plant phytonutrients
Mr David Hudson	SME	GO Resources Pty Ltd	VIC	Food and Agribusiness	USA	Development of New and Unique Super High Oleic Safflower for Biobased Oil
Mr Gary McKenzie	SME	Future Turf Pty Ltd	WA	Food and Agribusiness	Italy	Expanding the marketplace of Village Green Turf in Southern Europe.
Dr Daniel (Daniele) Pelliccia	SME	Instruments & Data Tools	VIC	Food and Agribusiness	USA	A compact and low-cost hyperspectral imager for fruit maturity assessment
Assoc Professor Jeremy Thompson	Researcher	The University of Adelaide	SA	Food and Agribusiness	USA	Engage with Trans Ova, a USA cattle reproductive technology company
Dr Louise Brown	Researcher	Depart Chemistry & Biomolecular Sciences, Macquarie University	NSW	Medical Tech Pharma	USA	Bright nanodiamonds for biomedical imaging and tracking
Dr Blake Cochran	Researcher	UNSW Sydney	NSW	Medical Tech Pharma	USA	3D printing of bone phantoms for medical imaging

Assoc Professor Shanlin Fu	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 Harvey	SME	MiniFAB	VIC	Medical Tech Pharma	Switzerland	A novel pipetting device for biotherapeutics.
Assoc Professor Michelle Hill	Researcher	QIMR Berghofer Medical Research Institute	QLD	Medical Tech Pharma	UK	Blood biomarkers for detection of oesophageal cancer
Assoc Professor Peter Johnston	Researcher	Griffith University	QLD	Medical Tech Pharma	USA	Micro-Needle Arrays for Measuring Cardiac Parameters
Professor Zdenka Kuncic	Researcher	School of Physics University of Sydney	NSW	Medical Tech Pharma	France	Translating a medical nanotechnology device in Australia
Mr Stephen Pelosi	SME	movendo Pty Ltd	VIC	Medical Tech Pharma	USA	Smartphone-based Health and Physical Activity Tracker
Assoc Professor	SME	Australian Institute of Robotic Orthopaedics Pty Ltd	WA	Medical Tech Pharma	Germany	Development of next-generation Orthopaedic Surgical Systems.

William Robertson						
Dr Nicola Smith	Researcher	Victor Chang Cardiac Research Institute	NSW	Medical Tech Pharma	Italy	Novel treatment for essential hypertension
Assoc Professor Philip Sutton	Researcher	Murdoch Childrens Research Institute	VIC	Medical Tech Pharma	UK	Developing a vaccine against stomach cancer
Dr Liz Williams	SME	Hemideina	VIC	Medical Tech Pharma	UK	Re-imagining the cochlear implant to revolutionise the user experience
Dr Marc Elmouttie	Researcher	CSIRO	QLD	Mining Equip, Technology & Services	New Zealand	A new and efficient slope stability analysis method for Australian mining
Professor Sankar Bhattacharya	Researcher	Monash University	VIC	Oil, Gas & Energy Resources	Korea	Development of Biomass and Coal Drying Using COMBDry Technology from Korea
Mr Ross Farrell	SME	IUGOTEC PTY LTD	TAS	Oil, Gas & Energy Resources	USA	Advanced analytical technology for underwater hydrocarbon analysis and mapping

Mr Rahul Kale	SME	Sunpower Renewables Pty. Ltd.	VIC	Oil, Gas & Energy Resources	India	SunPower Solar and Energy Storage solutions
Dr Yinghui Tian	Researcher	The University of Western Australia	WA	Oil, Gas & Energy Resources	China	The Next Generation Offshore Foundation to Harness Ocean Renewable Energies
Dr Ziv Hameiri	Researcher	The University of New South Wales	NSW	Oil, Gas & Energy Resources	Singapore	Photoluminescence imaging of perovskite solar cells

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