

Successful Grants

2024

New grants in 2024

INDUSTRY PARTNER/ FUNDING BODY	PROJECT TITLE	TEAM	YEARS	TOTAL AWARDED (\$AU)
ARC Industrial Transformation Research Training Centres				
IC240100027	ARC Training Centre for Resource Efficient Alloys in a Circular Economy	Matthew Barnett; Daniel Fabijanic; Damien Giurco; Jane Matthews; Kon Mouzakis; Matthias Weiss; Stephen Northey; Thomas Dorin; Scott Barnett	2024-2028	\$ 4,988,139
ARC Industry Fellowships Program - Early-Career				
IE240100274	Designing innovative, eco-friendly materials for renewable energy storage	Faezeh Makhlooghi Azad	2025-2028	\$ 612,101 **
ARC Discovery				
DP250103542	Artificial Intelligence Designed 3D-printed Solid-state Li Metal Batteries	Ying Chen; Baozhi Yu	2024-2028	\$ 558,403
ARC DECRA - Discovery Early Career Researcher Award				
DE250100122	Enabling Australian aluminium recycling with rapid solidification	Lu Jiang	2025-2028	\$ 462,849
ARC LIEF				
LE240100050 led by The University of Queensland	A national network for magnetic resonance spectroscopy	Luke O'Dell	2024-2025	\$64,734
Other Government Funding				
The Defence Science and Technology Group of the Department of Defence	DSP Research Agreement No. 12590 Determine the Fatigue Life of Aerospace Materials. Part 7	Peter Lynch; Pavel Cizek; Jun Wang; Sitarama Kada	2024-2025	\$ 245,000
Air Force Office of Scientific Research United States of America	Developing surface chemistry on carbon fibres for benzoxazine resins	Luke Henderson; Kelegedara Dulangana Mihisirin Dharmasiri	2024-2025	\$ 149,105

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Cooperative Research Centre				
ACM CRC	High-performance composite materials: Improvement of toughness of epoxy resins using novel toughening approach	Russell Varley	2024-2027	\$ 52,800
	Design and Investigation of Durable Self-healing Epoxy Coatings for Composite Materials	Russell Varley	2024-2026	\$ 38,900
	Surface Functionalisation of Carbon Fibres Using Carbenes Derived From Bis(diaryldiazomethanes)	Luke Henderson	2024-2027	\$ 35,000
	Molecular Design of Reprocessable High Performance Imine-Epoxy Vitrimers	Russell Varley	2024-2026	\$ 32,700
REACH - Trailbrazer				
Samsara Eco Pty Ltd	Samsara Eco: Monomer and contaminate analysis, repolymerisation and use of polymers enzymically recycled from textiles	Christopher Hurren; Colin Barrow; Brendan Holland; Dylan Hegh	2024-2026	\$ 2,628,857
Li-S Energy Pty Ltd	Quasi solid-state Li-S cell development.	Ying Ian Chen	2024-2026	\$ 1,835,997
Xcel Tech	Xcel Tech: Electric modification of heavy vehicles for low-emission mining	Shuaifei Zhao	2024-2027	\$ 822,619
C Sea Solutions P/L (trading as ULUU)	Performance evaluation of Uluu polymer in larger scale extrusion processes and in fabrics	Christopher Hurren; Bin Tang	2024-2025	\$ 279,224
Industry and Other Funding				
Australian Renewable Energy Agency (ARENA) Transformative Research Accelerating Commercialisation (TRAC) Project	ARENA - Fortescue - Electrode Materials Design and Evaluation for the Direct Electrochemical Reduction Electrolyser	Luke Henderson	2024-2026	\$ 800,000
Petronas Research SDN BHD	Bio-derived precursors as a route to sustainable carbon fibre - Project: Mark II	Russell Varley; Claudia Creighton	2024-2026	\$ 604,000

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Petronas Research SDN BHD	Development of Sustainable, High Performance Vitrimers from Waste Lignin	Russell Varley; Houlei Gan	2024-2025	\$ 550,000
Mitsubishi Chemical Corporation	Next Generation Battery Technologies using Plastic Crystals	Hiroyuki Ueda	2024-2025	\$ 458,900
AusNet Electricity Services Pty Ltd	Test Program - Victorian DB's (Ausnet)	Nolene Byrne	2024-2027	\$ 249,923
Australian Pipeline Limited t/as APA Group	Test Program - Victorian DB's (APA)	Nolene Byrne	2024-2028	\$ 249,923
Multinet Gas (DB NO 1) Pty Ltd & Multinet Gas (DB NO 2) Pty Ltd	Test Program - Victorian DB's (AGIG)	Nolene Byrne	2024-2029	\$ 249,923
ATI Specialty Materials	ATI Specialty Materials Research Agreement Hot Torsion Tests of Rene 65 Alloy	Hossein Beladi	2024-2026	\$ 197,000
The University of Western Australia	Service Agreement Feasibility of open source fuel cell stacks with different hydrogen storage options	Matthias Weiss; Michael Pereira	2024-2025	\$ 97,250
Ear Science Institute Australia	Cleardrum Device Ageing Study	Benjamin Allardyce; Rangam Rajkhowa	2024-2027	\$ 93,503
BMW AG	Surface Modified Carbon Fibre for Hydrogen Pressure Vessels (BMW)	Luke Henderson; David Hayne; Ben Newman	2024	\$ 70,000
Hanwha Defense Australia Pty Ltd	Composite fault detection between Deakin and Hanwha	Russell Varley; Jeffrey Evan Masten-Davies	2024	\$ 70,000
Cotton Incorporated, USA	Cotton particles from waste cotton as Pickering emulsifier-creating cotton cellulose gel and cotton foam	Rangam Rajkhowa	2024	\$ 63,617
Air Radiators Pty Ltd	Optimizing Alu Fin Tube Performance: A Comprehensive Investigation into Microstructure, Corrosion, and Brazing Processes	Thomas Dorin	2024	\$ 61,649

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Department of Infrastructure, Transport, Regional Development, Communications and the Arts - Road Safety Action Grant	Examining the potential for protective clothing to reduce injuries in cyclists	Christopher Hurren	2024-2026	\$ 60,818
Cordenka GmbH & Co. KG	Research project with Cordenka GmbH & Co for Carbonisation of Rayon Fibre	Russell Varley	2024	\$ 54,508
CSIRO	Capability Mapping for Strategic Development of Hemp Agriculture in Gippsland, Victoria.	Christopher Hurren	2024	\$ 50,000
CSIRO International Hydrogen Research Collaboration Program Research Fellowships	Development of High-Performance PEM Hydrogen Fuel Cells Based on Novel Anhydrous Proton Conducting Membranes and Electrode Binders	Faezeh Makhlooghi Azad	2024-2025	\$ 37,500
Seevix Material Sciences Ltd	Preliminary drying and milling studies at Deakin for Seevix recombinant protein.	Rangam Rajkhowa; Benjamin Allardyce	2024	\$ 30,515
Bradken Resources Pty Ltd	Characterisation and testing of pearlitic alloy grades	Daniel Fabijanic; Matthew Barnett	2024	\$ 30,000
NanoCube Health Pty Ltd	Characterisation and Functionalisation of Drug Nanocarriers	Lingxue Kong	2024-2025	\$ 25,000
DooGood Enterprises Pty Ltd	A new crash rated fence for school zones	Matthias Weiss	2024-2026	\$ 15,892
The Fujikura Foundation	Creation of thin solid-electrolyte composite films comprising organic ionic plastic crystals and graphene oxides	Hiroyuki Ueda	2024-2026	\$ 15,060
(CATL) Contemporary Amperex Technology Co. Limited	Battery cell failure analysis	Mojtaba Eftekharnia	2024	\$ 8,937

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INDUSTRY PARTNER/ FUNDING BODY	PROJECT TITLE	TEAM	YEARS	TOTAL AWARDED (\$AU)
ARC Research Hubs				
IH210100023	ARC Research Hub for Functional and Sustainable Fibres	Joselito Razal, Luke Henderson, Russell Varley, Nolene Byrne, Alessandra Sutti, Maryam Naebe, Rangam Rajkhowa, Weiwei Lei, Christopher Hurren, Mino Naebe, Warren Sexton, Wayne Best, David Tester, Joshua Handcock, Murray Height, Julia Reisser, Thomas Hussey, Ashley Denmead, Blake Harris, Stuart Gordon, Seeram Ramakrishna, Rudolf Hufenus, Michael Hummel, Phil Warner, Mark Dunstan, Tom Whyte	2022-2027	\$8,725,000**
IH200100035	ARC Research Hub in New Safe and Reliable Energy Storage and Conversion Technologies	Ying (Ian) Chen, Colin Barrow, David Cahill, Wenrong Yang, Srikanth Mateti, Baozhi Yu, Min Hong, Ian Gentle, Shizhang Qiao, John Bell, Zaiping Guo, Lianzhou Wang, Christopher Cook, Chao Ye, Yuan Chen, Yang Bai, Huanyu Hou, Christiaan Jordaan, Yao Chen, Ahmed El Safty, Mrk Winfield, Zemin Dong, Keong Chan, Khay See, Andrew Grimes, Andrew Cornejo	2021-2026	\$7,951,912**
IH180100020 led by The University of New South Wales	ARC Research Hub for Integrated Energy Storage Solutions	Chris Menictas, Maria Skyllas-Kazacos, Kondo-Francois Aguey-Zinsou, Jie Bao, Chun Wang, Zhao Yang Dong, Liming Dai, Da-Wei Wang, Ke Meng, Jason Scott, Vicki Chen, Tong Ziyuan, Guoxiu Wang, Rose Amal, Bruce Anna, Sproul Alistair, Iain MacGill, Patrick Howlett, Andrew Rider, Jing Qiu, Aniruddha Kulkarni, Sarbjit Giddey, Hongming Yang, Shou Chen, Yan Li, Mark Leckenby, Te Tan, Michael Jansen, Vera Lockett, Peter Olek, Enej Catovic	2019-2025	\$127,446*
IH190100009 led by The University of New South Wales	ARC Research Hub for Microrecycling of battery and consumer wastes	Damien Giurco, Sankar Bhattacharya, Anthony O'Mullane, Farshid Pahlevani, Antonio Tricoli, Nicholas Florin, Pascal Perez, Rakesh Joshi, Tillmann Boehme, Hongxia Wang, Neeraj Sharma, Samane Maroufi, Veena Sahajwalla, Robert Kerr, Alvin Piadasa, Ian Tooze, Naomi Boxall, Heriberto Bustamante, Shiju Raveendran, Arunima Malik, Themis Prodromakis, Robert Thomson, Geoffrey Bell, Cristina Pozo-Gonzalo, Steve Evans, Alejandro Lorenc, Warren Overton	2021-2026	\$100,000*
IH200100005 led by University of Wollongong	ARC Research Hub for Australian Steel Innovation	Paul Zulli, Daniel Fabijan, Anthony Somers, Nick Birbilis	2021-2026	\$527,870*

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ARC Training Centre				
IC180100049	ARC Training Centre for Future Energy Storage Technologies	Maria Forsyth, Drew Evans, Jose Alarco, Douglas Robert MacFarlane, Xinyi Zhang, Parama Chakraborty Banerjee, Dan Li, Abbas Kouzani, Prof Peter Talbot, Jenny Pringle, Patrick Howlett, Saeid Nahavandi, Michael Fielding, Mega Kar, Sceats Mark, Simon Savage, Herbert Ho, Richard Brodribb, Justine Walter, John Chiefari, Andrew Rider, Yufei Wang, Nathan Spencer, Andrew Minett, Michael Portmann, Cristina Pozo-Gonzalo	2019-2015	\$4,380,454
ARC Industrial Transformation Research Hub				
IC210100040 led by Macquarie University	ARC Industrial Transformation Training Centre for Facilitated Advancement of Australia's Bioactives	Damien Callahan, Anwar Sunna, Alison Rodgers, Jacqui Adcock, Tiffany Walsh	2022-2025	\$238,090*
ARC Laureate Fellowship				
FL210100147	Alloy alchemy: New paradigms in alloy science to promote a circular economy	Matthew Robert Barnett	2022-2027	\$2,982,000
ARC Industry Fellowship				
IM230100048	Developing a recyclable carbon fibre composite capability for Australia	Luke Christian Henderson	2024-2028	\$1,452,296**

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ARC DECRA - Discovery Early Career Researcher Award				
DE230101371	Boron nitride nanosheets for low energy consumption self-cooling devices	Qiran Cai	2023-2028	\$459,592
DE230101472	Converting textiles waste to novel nanostructured porous carbon fibre	Quanxiang Li	2023-2026	\$454,054
DE230100338	Enabling solid state metal recycling with new numerical techniques	Alban de Vaucorbeil	2023-2027	\$448,721
DE240100480	Electrolyte design for high-performance, sustainable sodium batteries	Mega Kar	2024-2027	\$445,237
ARC Future Fellowship				
FT210100804	Advanced nanomaterials for future energy generation and storage	Weiwei Lei	2022-2026	\$887,746
FT200100730	Development of novel 2D functionalized nanomaterials	Dan Liu	2021-2025	\$791,428
ARC Discovery Projects				
DP240101661	Design of novel polymer electrolytes for solid state sodium batteries.	Fangfang Chen, Maria Forsyth, Daniel Brandell, David Mecerreyes	2024-2027	\$575,000
DP240101678	Unlocking exceptional properties through pressure-induced phase transitions	Ying (Ian) Chen Qiran Cai, Jodie Bradby, Srikanth Mateti	2024-2027	\$537,038

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ARC Discovery Projects				
DP240102177	Two-dimensional nanomaterials for wearable zinc ion battery	Dan Liu, Zhiyu Wang, Dewei Chu, Yury Gogotsi	2024-2027	\$498,199
DP240101407	Zwitterion-based electrolytes for advanced energy technologies	Jenny Pringle, Luke O'Dell, Alexei Sokolov	2024-2027	\$496,215
DP210101269	Designing disorder into ionic materials for clean energy applications.	Jenny Pringle, Mega Kar, Douglas Robert MacFarlane	2021-2025	\$470,000
DP220103416	Developing novel two-dimensional hybrid nanostructures for renewable energy	Chris McConville, Joselito Razal, Weiwei Lei	2022-2025	\$380,000
DP210100482	Nano-fibrous structure for high-performance organic photovoltaic thin films	Jingliang Li, Jegadesan Subbiah, Richard Evans	2021-2025	\$340,000
DP220100130	A design-led approach for multifunctional composites	Luke Henderson, Tiffany Walsh, Russell Varley	2022-2025	\$317,442
DP230100307	Smart foliage: imparting intelligence to synthetic leaves	David Cahill, Qilin Li, Bart Van der Bruggen, Shuaipei Zhao	2023-2026	\$250,000
DP210101172	Sustainable high energy sodium batteries with enhanced safety & cycle life	Maria Forsyth, Fangfang Chen, Luke O'Dell, Patrick Howlett, Agilio Padua, Michel Armand	2021-2024	\$651,162
DP220103407 led by RMIT University	Ultrahigh strength maraging titanium alloys for additive manufacturing	Peter Damian Hodgson, Qian Ma	2022-2025	\$130,000*
DP220100218 led by The University of Sydney	Microplastics in Landfills and Surrounding Environments	Will Gates, Abbas El-Zein, Elizabeth Carter, Abdelmalek Bouazza, R. Kerry Rowe	2022-2026	\$85,560*
DP220100845 led by The University of Queensland	Self-reinforced biopolymer composites	Russell Varley, Peter Halley	2022-2025	\$73,016*

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ARC Linkage				
ARC Linkage - LP200301442	Elastic and biodegradable sponges/aerogels from exfoliated silk nanofibres	Rangam Rajkhowa	2022-2025	\$538,080
ARC Linkage - LP200100265	Metal folding fundamentals to shape new corrugated building products	Matthias Weiss, Peter Hodgson, Bernard Rolfe	2021-2025	\$338,753
ARC Linkage - LP220100400 led by Monash University	Hybrid additive manufacturing of critical metallic components	Aijun Huang, Yuman Zhu, Peter Hodgson, Junfa Mei	2023-2026	\$100,200*
Victorian Higher Education State Investment Fund				
Victorian Higher Education State Investment Fund	BatTRI-HUB 2.0: Building Victoria's role in global supply chains for advanced batteries	Patrick Howlett, Maria Forsyth, Timothy Khoo	2021-2025	\$5,200,000
Cooperative Research Centre				
Cooperative Research Centres (CRC) Projects Program, Department of Industry, Innovation and Science.	The CRC-P for Advanced Hybrid Batteries	Santu Rana, Patrick Howlett, Maria Forsyth, Robert Kerr, Sunil Gupta, Svetha Venkatesh	2019-2024	\$3,000,000
Sovereign Manufacturing Automation for Composites CRC Ltd (SoMAC CRC)	Industrialisation of Carbon Fibre Wheel Production for the Global OEM market, APN005	Claudia Creighton, Sally McArthur, Jane Zhang, Russell Varley, Luke Henderson	2023-2027	\$2,360,518
Future Battery Industries CRC	Future Electrolyte Systems	Fangfang Chen, Xiaoen Wang, Luke O'Dell, Maria Forsyth, Patrick Howlett, Robert Kerr	2021-2025	\$2,088,000
Cooperative Research Centres (CRC) Projects Program, Department of Industry, Innovation and Science.	A fire rated wall panel system for commercial and residential construction.	Matthias Weiss, Will Gates, Prof Bernard Rolfe, Michael Pereira, Mahbube Subhani, Peng Neo Zhang	2023-2026	\$1,779,716
Future Fuels CRC Ltd	RP3.1-03: Future proofing plastic pipes	Nolene Byrne, Tim Hilditch, Mathew Joosten	2019-2024	\$1,107,100

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Cooperative Research Centre				
Future Fuels CRC Ltd	Hydrogen test bed - plastic pipe network	Nolene Byrne, Tom Hilditch	2020-2025	\$525,970
Future Fuels CRC Ltd	Elastomers and hydrogen.	Nolene Byrne	2023-2024	\$167,900
Future Battery Industries CRC	Beneficiation and Chemical Processing of Lithium Minerals.	Robert John Pacsoe Kerr, Cristina Pozo-Gonzalo	2022-2025	\$136,100
REACH - Trailbrazer				
Xefco Pty Ltd	Xefco REACH project	Alessandra Sutti, Frank Chen	2023-2026	\$17,742,242
Calix Limited	Sovereign Advanced Battery (SABRE)	Urbi Pal, Danah Al-Masri, Timothy Khoo, Fangfang Chen, Hamid Ilbeygi, Will Yang, Robert Kerr, Maria Forsyth, Patrick Howlett	2023-2024	\$4,994,938
Li-S Energy Pty Ltd	QSS electrolyte Phase 2	Ajit Kumar, Frederick Nti, Ali Balkis, Patrick Howlett, Maria Forsyth, Danah Al-Masri	2023-2024	\$4,074,981
BNNT Technology Limited, Innovation Connections	Scale up of Boron Nitride Nanotube manufacturing and validation of commercial applications.	Daniel Fabijanic, Thomas Dorin	2023-2026	\$2,246,614
Li-S Energy Pty Ltd	Quasi solid-state Li-S cell development.	Peter Herwig, Ying (Ian) Chen, Baozhi Yu, Ye Fan	2024-2026	\$1,835,997
Xcel Tech	Schedule 1 - Xcel Tech - REACH Program: Electric modification of heavy vehicles for low-emission mining	Shuaifei Zhao	2024-2027	\$822,619
Li-S Energy Pty Ltd	BN additive characterisation using NMR and MD simulations.	Luke O'Dell, Maria Forsyth, Fangfang Chen	2023-2024	\$650,429

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Other Government Funding				
Transport for NSW	Purchasing, testing and rating for Motorcycle Clothing Assessment Project (Moto-CAP)	Christopher James Hurren, Liz de Rome, Xin Liu	2018-2026	\$1,972,404
The United States Army Research Office	Stimuli-Responsive Assembly Proteins (StRAPs) for Hierarchical and Reconfigurable Organization of Inorganic Nanomaterials	Tiffany R Walsh	2023-2025	\$311,446
Air Force Office of Scientific Research United States of America	Programming Resilin Assembly using Materials-Binding peptides for Bioinspired Resilient Elastometric Materials of Precise Morphologies	Tiffany R Walsh, Marc R Knecht	2023-2025	\$301,440
Humble Bee Bio Pty Ltd, Sustainability Victoria	Biofibres for Sustainable Apparel Inspired by a Humble Bee.	Joselito Razal, Dylan Hegh	2022-2024	\$299,650
Paintback, Sustainability Victoria	Transforming contaminated paint containers into value added products.	Russell Varley, Jane Zhang	2022-2025	\$252,000
Air Force Office of Scientific Research United States of America	Nanoscale Biosensing Devices: Fundamental Insight on the Sensing Mechanism	Tiffany R Walsh	2023-2026	\$235,866
Department of Defence	Determine the Fatigue Life of Aerospace Materials. Part 6	Jun Wang, Sitarama Kada, Peter Lynch, Pavel Cizek	2023-2024	\$225,000
Department of Transport, Transport for NSW	Guide for Manufacturers	Christopher James Hurren, Liz de Rome	2021-2024	\$191,000
Air Force Office of Scientific Research United States of America	Developing surface chemistry on carbon fibres for benzoxazine resins	Luke Christian Henderson, Bhagya Dharmasiri	2024-2025	\$149,105
Department of Transport	Motorcycle Safety Levy . On-road abrasion testing of motorcycle clothing	Christopher James Hurren, Liz de Rome	2020-2024	\$120,000
Defence Science & Technology Organisation	Structural Maritime Composite Materials with Superior Wide Spectrum Damping - Faujiya Afrose - MyIP 7859	Russell Varley	2018-2025	\$59,500
Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Lithium Air Electrolytes - CSIRO joint PhD project	Patrick Craig Howlett	2017-2024	\$30,000
CSIRO International Hydrogen Research Collaboration Program Research Fellowships	Next Generation Solar to Hydrogen: Materials to Devices	Yuan Wang	2023-2024	\$40,000

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Industry and Other Funding				
Li-S Energy Pty Ltd	The Project 1: Li-S Cell Optimisation	Ying Ian Chen	2021-2024	\$1,511,901
Vestas - Australian Wind Technology Pty Limited	Windgrade II: Carbon fibre and Composite Materials for a Sustainable World.	Claudia Creighton, Russell Varley	2023-2025	\$1,240,290
Li-S Energy Pty Ltd	The Project 2: Li-Nanomesh Anode Protection.	Ying Ian Chen	2021-2024	\$1,096,831
Petronas Research SDN BHD	Lignin Carbon Fibre Project	Russell Varley, Claudia Creighton, Srinivas Nunna	2021-2025	\$954,400
Petronas Research SDN BHD	Novel Ionic Liquid based Solid-State Electrolytes for Solid-State Lithium Metal Batteries (SSLMBs).	Mega Kar, Maria Forsyth, Jenny Pringle, Patrick Howlett, Fangfang Chen	2022-2025	\$852,048
SABIC Global Technologies B.V.	Development of a New Intermediate modulus and high strength carbon fibre.	Russell Varley, Claudia Creighton, Srinivas Nunna	2023-2025	\$650,000
Petronas Research SDN BHD	Bio-derived precursors as a route to sustainable carbon fibre - Project: Mark II	Russell Varley, Claudia Creighton	2024-2026	\$604,000
Petronas Research SDN BHD	Development of Sustainable, High Performance Vitrimers from Waste Lignin	Russell Varley, Jerry Gan	2024-2026	\$550,000
Mitsubishi Chemical Corporation	Next Generation Battery Technologies using Plastic Crystals	Hiroyuki Ueda, Jenny Pringle, Maria Forsyth	2024-2025	\$458,900
Marine Bioproducts CRC	Extraction and Testing of marine fibres for textile applications	Alessandra Sutti, Colin Barrow, Amol Patil, Surya Subianto, Nathan Thompson	2022-2025	\$400,000
MIH2 Pty Ltd	Developing electrodes for Green Iron Production.	Luke Christian Henderson, David Hayne	2023-2024	\$397,269
General Motors Holdings LLC	Membership fee for GM participation in the ICIM	Jeong Whan Yoon	2015-2029	\$358,926
Hysata Pty Ltd	A Forming technology to produce bipolar plates for Alkaline Electrolyser cells 2nd Project.	Matthias Weiss, Michael Pereira, Peng Neo Zhang	2023-2025	\$322,094

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Industry and Other Funding				
Wuhan Textile University	Deakin WTU Collaborative PhD program	Xungai Wang	2013-2024	\$306,000
Wuhan Iron and Steel Company Limited	Cluster Strengthened Steels	Peter Damian Hodgson	2016-2024	\$266,617
Sustainability Victoria	Particles derived from textile wastes for sustainable coloration of products	Rangam Rajkhowa, Dylan Hegh, Russell Kennedy, Surya Subianto, Alessandra Sutti, Emma Prime, Tonya Meyrick	2022-2025	\$263,716
Sustainability Victoria	Recycling Polypropylene Waste for High Value Added Application - Sustainability Vic	Minoo Naebe, Omid Zabihi	2021-2024	\$255,000
Multinet Gas (DB NO 1) Pty Ltd & Multinet Gas (DB NO 2) Pty Ltd	Test Program - Victorian DB's (AGIG)	Nolene Byrne	2024-2027	\$249,923
Cytec USA	Novel continuous surface modification of carbon fibers.	Luke Christian Henderson	2021-2024	\$215,088
Wuhan Iron and Steel Company Limited	Flexible Roll Forming of WISCO High Strength Steels	Matthias Weiss	2016-2024	\$207,116
Ford USA Grant - Research	Multifunctional graphene coated natural nonwoven fabric for automotive application	Maryam Naebe	2021-2025	\$204,000
Korea Institute of Materials Science	Generic Project with KIMS in the ICIM	Jeong Whan Yoon	2015-2029	\$197,106
ONR USA Grant - Research - Office of Naval Research USA	Manufacturing Carbon Fibers as Battery Electrodes	Luke Christian Henderson, Claudia Creighton	2022-2025	\$192,621
Warner Research Institute	Future Textiles	Maryam Naebe, Abu Naser Md Ahsanul Haque	2023-2024	\$160,000
Baosteel Australia Joint Research & Development Centre (Uni of Qld)	Grain Boundary Engineering of Pipeline Steels for Hydrogen Storage and Transportation.	Hossein Beladi, Peter Hodgson	2023-2025	\$150,000
Ford USA Grant - Research	Bio based sustainable and natural material for additive manufacturing.	Maryam Naebe	2019-2024	\$150,000

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Industry and Other Funding				
Sicona Battery Technologies Pty Ltd	Sicona Proposal: Mixing, Electrode Coating, Cell Assembly and Testing of Sicona Anode Material.	Robert John Pacsoe Kerr, Mojtaba Eftekharnia, Timothy Khoo	2023-2024	\$113,833
Novelis Inc	Impact of quench processing after solution heat treatment (quench entry temperature & quench rate) on Novelis s615 alloy metallurgical evolution and in-service performance.	Thomas Dorin	2023-2024	\$108,152
Hysata Pty Ltd	A Forming technology to produce bipolar plates for Alkaline Electrolyser cells.	Matthias Weiss, Michael Pereira, Peng Neo Zhang	2022-2024	\$147,517
New Zealand Woolscouring Limited	Commercialisation agreement on recovering grease from scouring wastewater	Jinfeng Wang, Xungai Wang, Bin Tang, Christopher Hurren	2020-2030	\$105,000
EcoTech Minerals Pty Ltd	Recovery of critical and high-tech minerals from legacy mine materials: Part 2 Value metals and REE in recovery.	Robert Kerr, Anthony Somers, Will Gates, Alastair MacLeod, Kimmanthudawag e Isuri Nayantha Perera, Henrique Xavier Santos Bastos, Cristina Pozo-Gonzalo	2023-2024	\$104,000
Korean Institute of Industrial Technology	Novel Fracture Modelling for Sheet Forming and Generic Project with KITECH in the ICIM	Jeong Whan Yoon	2017-2029	\$95,320
Gale Pacific Limited	Recycling Polypropylene Waste for High Value Added Application - Gale Pacific.	Minoo Naebe	2021-2024	\$83,000
EcoTech Minerals Pty Ltd	Recovery of critical and high-tech minerals form legacy mine materials: Part 3 Environmental Assessment of Broula King & Sunny Corner Abandoned Mines.	Will Peter Gates, Alastair MacLeod	2023-2024	\$72,000
Toyota Motor Corporation	Research of the ion transporting mechanism in OIPC-based solid electrolytes.	Maria Forsyth, Patrick Howlett, Timothy Khoo	2023-2024	\$64,600

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INDUSTRY PARTNER/ FUNDING BODY	PROJECT TITLE	TEAM	YEARS	TOTAL AWARDED (\$AU)
Industry and Other Funding				
Speedpanel (Vic) Pty Ltd	A new fire rated wall panel design.	Michael Pereira, Matthias Weiss, Peng Neo Zhang	2023-2024	\$62,114
Limebranch Pty Ltd t/as Full Circle Fibres	Country Road	Christopher James Hurren, Md Abdullah Al Faruque	2023-2024	\$59,025
2-2 DESE - NCRIS - Pawsey Supercomputing Centre	The Extreme-Scale Electronic Structure System (EXESS): Protecting the Chemistry of Nanomaterial Interfaces	Tiffany R Walsh	2021-2024	\$58,194
CIC energiGUNE	Development of high performance ionic electrolytes by novel combination of cation and anion structures	Jenny Pringle	2023-2026	\$52,500
European Commission - Erasmus Mundus Joint Master Degree	Erasmus Mundus Joint Master Degree MESC + Consortium Research Training Partnership	Maria Forsyth	2019-2024	\$41,762
Australian Pipeline Limited t/as APA Group	clampedAPA	Nolene Byrne	2023-2024	\$41,060
European Commission- Marie Curie Actions Fellowships	Multilayer approach for solid-state batteries	Maria Forsyth, Manuel Salado Manzorro	2023-2024	\$30,600
Toyota Motor Corporation	Research of the ion transporting mechanism in OIPC-based solid electrolytes (Visitor).	Maria Forsyth	2023-2024	\$30,400
AINSE Grant - Postgraduate Research Award	Student application - Measurement of concurrent interphase precipitation and phase transformation in Ti-Mo steels by Small Angle Neutron Scattering	Peter Damian Hodgson	2022-2025	\$29,750
Green Li-ion Pty Ltd	Optimisation of laboratory X-ray methods for measurement of battery e-waste recycling materials.	Peter Adrian Lynch, Sittamara Kada	2023-2024	\$29,360
AINSE Awards - Australian Institute of Nuclear Science and Engineering	Localizing monomers within hexagonal lyotropic liquid crystal template for the fabrication of nanofiltration membranes	Lingxue Kong	2021-2024	\$27,750
NanoCube Health Pty Ltd	Characterisation and Functionalisation of Drug Nanocarriers	Lingxue Kong	2024-2025	\$25,000
Ford USA Grant - Research	Weight and cost reduction by roll forming carbon fiber metal hybrid components.	Matthias Weiss	2018-2024	\$14,107