

Successful recipients of the Australia-Germany Joint Research Cooperation Scheme (UA-DAAD)

2025

UoM CI	Collaborating CI	Collaborating institution	Project Title
Dr Michael Duffy	Dr Heyou Zhang	University of Bayreuth	Identifying variant surface antigens expressed by parasites causing severe malaria
Dr Yang Xu	Dr Heyou Zhang	University of Bayreuth	Photo-switchable Quantum Dot Arrays for Next Generation All-Optical Logic Processing Units
Dr Peter Houweling	Dr Michael Haug	Friedrich-Alexander-University Erlangen-Nürnberg (FAU)	Structure and function assessment in iPSC derived muscle organoids and their implications on disease development and intervention

2024

UoM CI	Collaborating CI	Collaborating institution	Project Title
Dr David Collins	Dr Armaghan Fakhfour	Leibniz Institut für Festkörper- und Werkstofforschung (IFW) Dresden	Acoustofluidic-Enhanced 3D Bioprinting
Dr Julian Marx	Prof Milad Mirbabaie	Paderborn University	Understanding social media users' perception of AI-generated misinformation (ARTIMIS)
Dr Robert Schmid	Prof Johann Reger	Ilmenau University of Technology	Eigenstructure assignment and mu-synthesis for robust control
Dr Alexander Jakob	Prof. Dr. Jan Berend Meijer	Universität Leipzig	Optimised diamond-based single ion detection for scalable quantum technologies

2022/2023

UoM CI	Collaborating CI	Collaborating institution	Project Title
Prof Sarah Whittle	Prof Philipp Kanske	Technische Universität Dresden	Creation and validation of an English version of an empathy and Theory of Mind measurement tool for adolescents: EmpaToM-Y-Engl
Dr Lukas Wesemann	Dr Mario Hentschel	University of Stuttgart	Optical properties of Mie-void metasurfaces and their application to sensing and imaging
Prof Russell Drysdale	Prof Kathryn Fitzsimmons	University of Tuebingen	Hydroclimate change in expanding and vulnerable desert margins

2021

UoM CI	Collaborating CI	Collaborating institution	Project Title
Professor Felicity Baker	Prof Thomas Wosch	University of applied science Würzburg-Schweinfurt	MUSE-CARE (MUSic Empowerment of CAREgivers – skill sharing in dementia care)
Dr Stephen Livesley	Dr Thomas Rötzer	Technical University of Munich	Mapping and modelling the urban forest canopy and ecosystem services over time
A/Prof Malte Meinshausen	Dr Wolf-Peter Schill	German Institute for Economic Research	Strengthening the modelling of decarbonised energy systems: Evaluating energy resource variability at the utility and consumer scales
Dr Zhanna Sarsenbayeva	Dr Sven Mayer	LMU Munich	Development of a Standardised Research Protocol to Induce Emotions and Multimodal Sensing Mechanism to Assess User's True Emotions
Dr John Stone	Dr Benjamin Büttner	Technical University of Munich	Design and implementation of Mobility Hubs for sustainability and equitable urban access

2020

UoM CI	Collaborating CI	Collaborating institution	Project Title
Dr Jan Kabatek	Dr Todd Morris	Max Planck Institute for Social Law and Social Policy	Analysing the impacts of retirement decisions and their timing on workers and firms using linked employer-employee data
A/Prof Irma Mooi-Reci	Dr Inga Laß	Federal Institute for Population Research	The Fertility Consequences of Non-standard Employment: A Comparison between Australia and Germany
Prof Ute Roessner	Dr Borjana Arsova	Institute for Bio- and Geosciences Plant Sciences, Jülich	Biological enhancers of plant performance to combat modern agricultural challenges
Prof Jan van Driel	Dr Moritz Krell	Freie Universität Berlin	Science teachers' professional competencies related to scientific reasoning: Relationship with pedagogical content knowledge and beliefs

2019

UoM CI	Collaborating CI	Collaborating institution	Project Title
Christopher McDevitt	Prof Thorben Cordes	LMU Munich	Single molecule methods to define the molecular basis of cation import in prokaryotes
Prof Nicholas Phelps	Prof Peter Dannenber	University of Koln	The new silk road as 'Beltsapes': Duisburg, Darwin and the cities in between
Dr Merryn Dawborn-Gundlach	Prof Moritz Krell	Leibniz Institute for Science and Mathematics Education	Scientific Reasoning Competencies

2018

UoM CI	Collaborating CI	Collaborating institution	Project Title
Prof Felicity Baker	Prof Sabine Koch	University of Heidelberg	Developing tools for digital assessment of dance movement therapy
Dr Tilman Dingler	Dr Nicolas Großmann	German Research Center for Artificial Intelligence	Adaptive Learning Interfaces through Real-time Cognitive Load Assessments
Dr Michael Duffy	Dr Michaela Petter	University Hospital Erlangen	Function of Plasmodium falciparum Bromodomain proteins in malaria transmission
Dr John Golz	Dr Kerstin Kaufmann	Humboldt University	Defining targets of the LUG regulatory complex in plants
Dr Gurutzeta Guillera-Arroita	Dr Damaris Zurell	Humboldt University	Moving from pattern towards process for improved forecasts of species range dynamics
Dr Barbara Kelly	Prof Birgit Hellwig	University of Cologne	A guide for documenting language development in under-studied languages
Prof Pierluigi Mancarella	Prof Antonello Monti	RWTH Aachen University	Virtual Power Plant: Pathway to clean electricity
Prof Andrew D Mitchell	Prof Marc Bungenberg	Saarland University	Reconceptualising International Investment Protections under the Future Australia-EU Free Trade Agreement
Dr Craig Robert Nitschke	Prof Holger Kreft	University of Göttingen	Identifying synergies of land-use monitoring and conservation prioritization in Indonesian New Guinea to assess impacts on biodiversity and carbon storage within tropical rainforest systems
Prof Moira O'Bryan	Prof Frank Tüttelmann	University of Münster	Novel candidate genes for impaired human and mouse spermatogenesis
Prof Alessandro Toffoli	Dr Rüdiger Ulrich Franz von Bock und Polach	Hamburg University of Technology	Ocean waves break up sea ice

2017

UoM CI	Collaborating CI	Collaborating institution	Project Title
Dr Tyler Corbett	Prof Tilman Plehn	Heidelberg University	Precision Higgs Physics at the LHC
A/Prof Stephen Gallagher	Dr Jeroen Groeneveld	University of Bremen	Dating the Northwest shelf of Australia: Using microfossils and orbital tuning to provide a framework for 5 million years of Australia's climate history
Dr Michael Haydon	Dr Reimo Zoschke	Max Planck Institute of Molecular Plant Physiology	Circadian-Regulated Dynamics of Translation in Plants
Dr Toby Murray	Prof Heiko Mantel	TU Darmstadt	Verifying Application-level Security based on Verified OS Kernels

Dr Ego Seeman	Prof Klaus Engelke	University of Erlangen	Application of High-Resolution Peripheral Quantitative Computed Tomography to the early detection of Microstructural Deterioration in Rheumatoid Arthritis and Osteoporosis: A synergistic approach
Prof Richard Strugnell	Prof Irmgard Förster	University of Bonn	Influence of intestinal CCL17-producing migratory dendritic cells on immune defense against Salmonella infection

2016

UoM CI	Collaborating CI	Collaborating institution	Project Title
A/Prof Brendan Abrahams	Prof Carsten Streb	Ulm University	Controlling molecular components in the construction of materials for energy storage
Dr Cristian Alvarez	Prof Thomas Romig	University of Hohenheim	Exploring the genetic diversity of Echinococcus granulosus at the wildlife/livestock interphase
Prof Felicity Baker	Professor Thomas Wosch	University of applied sciences Würzburg-Schweinfurt	MWD-Song (Wuerzburg-Melbourne Dementia Songwriting Project)
Prof David Jamieson	Prof Jan Meijer	University of Leipzig	Engineering Single Atoms for Quantum Technologies
A/Prof Peter Pivonka	Prof Aldo Boccaccini	FAU Erlangen-Nürnberg	Assessment of vascularisation potential of 3D Bioglass scaffolds for tissue engineering of large bone defects using a mechanobiological approach
Prof Richard Strugnell	Prof Irmgard Förster	University of Bonn	Influence of intestinal CCL17-producing migratory dendritic cells on immune defense against Salmonella infection

2015

UoM CI	Collaborating CI	Collaborating institution	Project Title
Prof John Hajek	Prof Claudia Riehl	LMU München	Pragmatics of Address in the L2 Classroom in Germany and Australia
Dr Jenny Gunnerson	Prof Stefan Lichtenthaler	Technical University Munich	Impact of new Alzheimer's drugs on essential neuronal proteins
Dr Jenny Gunnerson	Prof Claudia Sommer	University of Würzburg	A potential analgesic target in a novel chronic pain pathway
Dr Luke Smillie	Professor Jan Wacker	University of Hamburg	Neural processes underlying extraverted behaviour
Dr Lynda Ball	Professor Barbel Barzel	University of Duisburg-Essen	Learning how to teach mathematics with technology (Le T-M)
Prof Timothy Baldwin	Prof Gerhard Weikum	Max Planck Institute for Informatics	Rapid Deployment of Named Entity Recognisers for Novel Domain
A/Prof Lars Kulik	Prof Matthias Renz	LMU München	Can an Individual Remain Private Among a Sea of Public Users?
Dr Anthony Stickland	Prof Urs Peuker	TU Bergakademie Freiberg	Filtration and Separation Properties of Complex Suspensions

Prof Stephan Winter	Prof Monika Sester	University of Hannover	Social Cars Meet Social Travellers
Dr Yan Tat Wong	Dr Juan Ordonez	University of Freiburg	Novel High-Density Hybrid Electrodes for Neural Prosthetics
Prof Ruth Beilin	Prof Jens Newig	Leuphana University	Social-ecological resilience and sustainability governance
Dr Berin Boughton	Dr Theodore Alexandrov	EMBL Heidelberg	Spatial Lipidomics and Bioinformatics
Prof Staffan Persson	Dr Zoran Nikoloski	Max Planck Institute for Informatics	Understanding cell wall synthesis of plant roots
Dr Gary Sheridan	Prof Annette Menzel	Technische Universität München	Micrometeorology and fire danger in complex terrain
A/Prof Trevor Smith	Dr Klaus Boldt	University of Konstanz	Mapping ultrafast energy relaxation in semiconductor nanocrystals