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University

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**Australian Research Council (ARC)
Linkage Projects with Monash
Faculty of Information Technology**

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COLLABORATION TO INNOVATION. INNOVATION TO ADVANTAGE.

Our researchers are tackling the globe's most pressing social, economic and environmental issues. Combined with your organisation's capabilities, acumen and resources, we can deliver more impactful solutions on an even bigger scale.

Why partner with us?

- Access government funding that matches or exceeds your cash contributions.
- Tap into [world-leading knowledge](#) and talent, keeping you abreast of the latest IT trends.
- Develop proprietary technology and capabilities, honing your competitive edge.
- Raise your profile through globally-significant research.
- Drive your business' growth and augment its impact.
- Potentially qualify for the Australian Government R&D Tax Incentive ([check your eligibility](#)).

Funding through ARC Linkage Projects

Partner organisations put forward the amount they want to contribute, with at least 25% made up of cash (not-for-profits are exempt from cash contributions). The ARC then matches the total amount, with the cash component exceeding the cash contributed by partners.

EXAMPLE: If partner organisations collectively contribute \$100K, at least \$25,000 must be in cash and the remainder in-kind. The ARC will match the \$100K and provide a larger cash ratio within this.

Intellectual property

We work closely with you to develop an approach to IP tailored to partnership contributions and needs, and then formalise it through a collaborative research agreement.

Precision pollination: Data-driven enhancements to boost crop yield

The rapidly-growing human population needs more reliable food production in a climate that's increasingly unpredictable. But protected infrastructures like glasshouses don't support honeybees – essential pollinators that need to be outside.

Through this ARC Linkage project, Associate Professor Dorin is transforming industrial crop pollination from an intuitive domain to one driven by sound data and best-practice principles. He proposes novel technologies to operate a three-stage loop: honeybee pollination monitoring, simulation-based forecasting and management.

This will ensure that the capabilities of honeybees to provide essential ecosystem services are informed by transferable, standardised data acquisition and management techniques that protect their health while maximising pollination.

Project lead

Associate Professor Alan Dorin
NativeBee+ Tech Facility, Faculty of IT

Partners

Western Sydney University, The University of New England,
Commonwealth Scientific and Industrial Research Organisation,
COSTA BERRY INTERNATIONAL PTY LTD and Australian
Blueberry Growers Association Inc.



A REPUTATION FOR IMPACT



Above world standard across every category in Information and Computing Sciences

State of Australian University Research
2018-19: ERA National Report



2.5M in Linkage Project funding provided in 2023 alone



Proven pioneers in software engineering and cybersecurity



Largest data science research group in the southern hemisphere



A global top 10 human-centred computing group



Advancing a range of UN Sustainable Development Goals

STEM for people with intellectual disabilities

Over half a million Australians experience intellectual disability, but current STEM activities are inaccessible, undermining their opportunity to build skills, control, confidence and independence in the digital age.

Partnering with Wallara, Dr Ellis is creating unique and inclusive eMaking vans to engage this community in activities that enhance their ability to influence their environment – turning them from passive consumers of STEM to active creators.

This ARC Linkage project will provide a powerful platform to explore what techniques and educational supports facilitate autonomy and future pathways.

Project lead

Dr Kirsten Ellis
Inclusive Technologies Research Lab, Faculty of IT

Partners

Faculty of Education, Neuroskills Pty Ltd and Wallara Australia

Wallara has a strong partnership with Monash University, Dr Kirsten Ellis and the STEAM department. The STEAM program is a fantastic inclusion into our current Programs of Support, fostering a sense of self-based inquiry and allowing each participant to take on a role and collaborate to complete a final product.

Wallara Australia





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More about the ARC Linkage Project scheme

[The ARC Linkage Projects scheme](#) aims to foster research alliances between higher education institutions and research end-users, whether in the private, public or not-for-profit sector.

Typically running for three years, projects are selected based on how competitive they are as well as their potential for solving relevant and pressing challenges.

Let's get started

Organisations from the public, private and not-for-profit sectors can become Linkage project partners. If you're overseas, you could be eligible if your involvement has demonstrable benefits for Australia.

Ready to partner for impact? Get in touch.

E: fit-research-services@monash.edu