

The University of Newcastle and the University of Waikato

Partnership Seed Fund - **Previously Funded Projects**

The seed fund supports staff at the University of Newcastle and the University of Waikato to develop collaborative research, teaching and/or professional services projects that clearly demonstrate measurable outcomes and a plan for how the collaboration will develop going forward.

Partnership websites: [Waikato](#) | [Newcastle](#)

Call 1, 2023, projects ongoing

| Project | Waikato lead | Newcastle lead |
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| The Lab2Field RuralAI Kit - Real-time realization of hierarchical federated learning through in-field modular & portable sensor clusters | Dr Harish Devaraj | Dr Shaleeza Sohail |
| Exploring Stakeholder Perceptions of the Feasibility of a Multi-Sport, Child's Rights Sports Club: The Physical Literacy and Youth Rights Using Play (PLAY-UP) Club. | Mr Will Roberts | Associate Professor Narelle Eather |
| Seeds of Growth and Healing: Exploring the Healing Properties of Indigenous Native Plants. | Dr Mitchell Head | Mrs Jenn Rumbel |
| Enhancing Indigenous Cultural Capability and Student Engagement in Science and Health through Collaborative Learning and Animated Videos | Dr Joanna Hicks | Mrs Josephine Smith |
| Virtual Reality in Rehabilitation: Investigating the Impact of Virtual Reality on Mental Fatigue | Dr Merel Hoskens | Dr Jodie Marquez |

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| Developing and Validating a Data-Driven AI Algorithm for Rugby Collision Intensity | <u>Dr Martyn Beaven</u> | <u>Dr Mitch Naughton</u> |
| Modification of an existing Australian weight management training survey for use by healthcare professionals in an Aotearoa New Zealand context and trans-Tasman undergraduate healthcare professionals | <u>Associate Professor Lynne Chepulis</u> | <u>Dr Kirrilly Pursey</u> |