



# RESEARCH ASSISTANT (SPACE TECHNOLOGIES)

TWELVE MONTHS FIXED TERM, FULL TIME

**JOB OVERVIEW:** We are seeking a Research Assistant with ambition to start their scientific/engineering research career, someone who has the ability to conceptualise and originate new ideas that are outside industry norms, within a commercial R&D environment. As a Research Assistant you will be working alongside world-leading scientific researchers and engineers to take magnetoplasmadynamic thrusters into space!

## KŌRERO MŌ TE TŪRANGA- ABOUT THE ROLE

The Research Assistant is a split role between Wellington UniVentures and the Robinson Research Institute, utilising industry expertise and knowledge to grow our project within the Robinson Research Institute.

The Robinson Research Institute has an international reputation for superconducting engineering, materials physics and manufacturing engineering. We offer a unique opportunity for a high-achieving engineer to work alongside some of NZ's top research scientists and engineers and contribute to a range of cutting-edge research projects that involve the development of new concepts in materials and manufacturing - from discovery science through to commercial implementation.

Key responsibilities span across the project, with key activities including:

- Working within a team to help take applied field magnetoplasmadynamic thrusters into space!
- Quantitative analysis of missions
- Laboratory Research and development work.

## Ō PŪMANAWA - ABOUT YOU

Our ideal candidate will either hold a post graduate degree (Meng or PhD) in Physics or physics-adjacent Engineering fields. They must have experience and knowledge in some of the following areas:

- Laboratory experience
- Competent mathematics and coding (Python, MatLab or similar).
- Strong communication skills, a team player able to work closely with colleagues.
- Comfortable working in an experimental R&D environment, and able to swiftly pivot thinking in response to new ideas and data.
- Ability to understand complex technologies and interpret their application in a commercial environment.
- Demonstrated ability to maintain effective relationships with stakeholders, both managerially and externally



# Mō Te Paewai - About Us

We are Wellington UniVentures and we're responsible for creating new ventures from Te Herenga Waka—Victoria University of Wellington's research.

Building on our purpose—to lift lives everywhere with knowledge—Wellington UniVentures works with our University innovators to shape their research into initiatives that create impact. We do this by connecting them with partners, industry and investors to enable the growth and development of their idea or invention. With time, development and Wellington UniVentures' support, these ideas can become life changing initiatives focused on solving problems and building stronger societies.

In return for your experience, Wellington UniVentures can offer you great benefits such as access to a wide variety of workshops for you to continue to learn and develop, subsidised onsite gym membership, free health and wellbeing events, and extra annual leave days.

Please find the role description [Here](#).

If this role sounds like you and you're interested in joining a small, collaborative and busy team, please [apply now](#) with a cover letter and your CV to [adam.podmore@wellingtonuniventures.nz](mailto:adam.podmore@wellingtonuniventures.nz) – we'd love to hear from you right away!

We are committed to ensuring the health, safety and wellbeing of all our staff and contractors. As part of our broader COVID-19 management strategy and to further protect the wellbeing of our staff, customers and partners from COVID-19, we support and encourage all our staff to be vaccinated. If you have any concerns or questions about this, please talk to us.

Wellington UniVentures is committed to providing a working environment that embraces, values and reflects the diversity of the community it serves.

## MORE INFORMATION

Find out more about working at Wellington UniVentures, contact our HR Manager.

E: [lisa.bishop@wellingtonuniventures.nz](mailto:lisa.bishop@wellingtonuniventures.nz)

