

Undergraduate Student Internships @ Waikato Institute of Technology, New Zealand Centre for Transdisciplinary Research and Innovation (CeTRI)

About Wintec

Wintec is one of New Zealand's largest and leading Institute of Technology, with six campuses in the Waikato region, North Island and over 23,000 students. We are proud to:

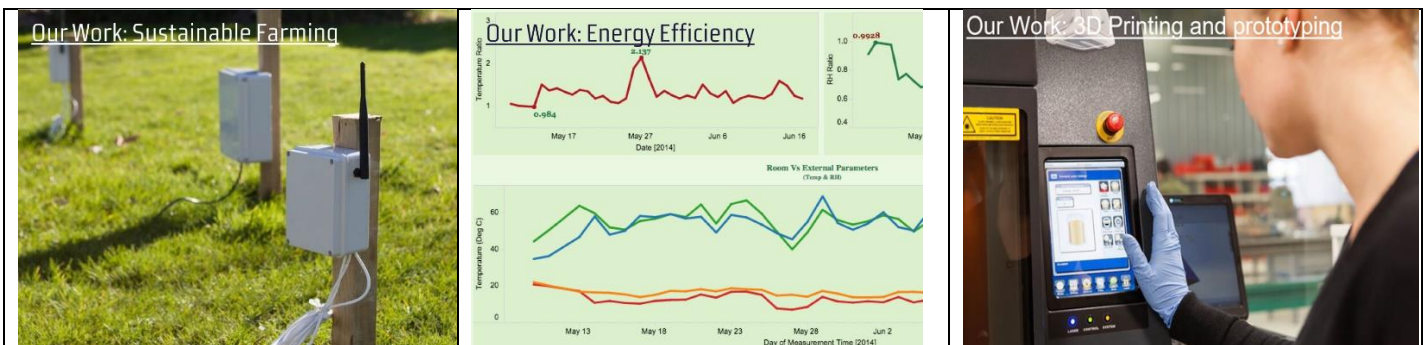
- be a hub of regionally, nationally and globally recognised innovation and research that is applied and impactful
- offer purpose built, award winning facilities and student hubs with 24-hour access on our main campuses in Hamilton City.
- be a leading provider of vocational and professional education in New Zealand
- offer you to learn from and work with distinguished researchers and academic staff as well as top industry professionals from all over the globe.
- support you with a tailor-made programme that will fulfil your internship requirements, will advance your English language knowledge and support your research portfolio and career. Together with our International Centre we will also offer assistance to make you feel at home at Wintec and in Hamilton.
- You can find out more about Wintec, Hamilton and the beautiful Waikato region [here](http://www.wintec.ac.nz/international) (www.wintec.ac.nz/international).

About CeTRI

Our Centre consists of a portfolio of Research Facilities. We are currently a team of 16 staff, many of them full-time researchers. We have comprehensive prototype and product development facilities to help customers develop new products. Our team develops and tests smart technology solutions to social and industrial challenges and we specialise in using transdisciplinary approaches to solving complex social problems. We work with clients regionally, nationally and globally to develop fit-for-purpose research outcomes and new innovations.

You can find out more about the CeTRI team and their research at:

<https://www.wintec.ac.nz/study-at-wintec/faculty/centre-for-transdisciplinary-research-innovation>



What's in it for the intern:

- Participation in applied and industry focused research projects at Wintec's Research Facilities.
- Assistance with project work and supervision from our full time researchers and Research Facility staff.
- Guidance and support with regards to research presentations and research report writing
- Conversational English classes (if required) at Wintec's Centre for Languages to help develop and support English confidence and capability during the internship.
- Wintec's International Centre offers assistance and advice to all our international visitors and students with regards to their travel and accommodation, insurance and visa requirements, health and pastoral care. It also offers day tours/sightseeing to all international students (at the students' expense).
- The use of the Wintec library and extensive catalogue of online journals and resources.
- Our interns will likely stay with a homestay family to immerse themselves in the New Zealand lifestyle.

Application Process

For the partner institution:

Wintec will provide a quote, tailor-made based on your institution's requirements (please see 'Application form for Partner Institutions'). Once the internship programme details and costs have been agreed on and signed off, Wintec will work with the nominated supervisor or internship coordinator at the partner institution to arrange the internships. For costs please refer to the Application form.

Wintec will select the interns and match them with the most suitable project in discussion with the partner university. This means Wintec will need to receive and assess details about each intern, in particular their academic background, their skills set and their expectations at least two months prior to the proposed internship commencement date. The assessment will also include an interview (skype or conference call) between the intern, a Research Facility staff and an academic staff member from the Centre for Languages.

This process is coordinated between Wintec and the partner institution. Wintec cannot accept individual applications sent by students.

For the prospective intern:

Once your partner institution has agreed to the internship programme at Wintec there will be a selection process. Please discuss this with your internship manager or supervisor and complete the application form and submit it to your internship manager. Wintec will be assessing applications based on the following criteria:

- Interns preferably have a science or engineering background. Engineering students preferably with a design (mechanical) or electronic engineering background. However, other specialisations will be considered depending on the research projects available.
- The students should be self-motivated, interested in their work and independent.
- Interns must be 18 years of age or older.
- Interns will be able to understand instructions, present and hold a conversation in the context of their project in English. English language requirements may vary depending on the research

project. The interns' English will be assessed during the interview and interns put into classes according to their English language capabilities (if applicable).

- Interns will be required to sign a Non-Disclosure-Agreement depending on the nature of the project and the research client requirements. Dissemination of research outcomes will be negotiated individually with each student and the research client where applicable.

CeTRI Team Members:

These are some of our team members you may work with during an internship at Wintec:



Mariana van der Walt
Centre Director



Dr Debbie Care
AgriTech, Precision Farming,
Sustainable Farming



Dr Pierson Rathinaraj
FoodTech, MediTech



Gert Hattingh
Chief Technology Officer



Lotta Bryant
Social Innovation: Smart
Aging, Youth, Rural Revitali-
sation, Remote Health



Dr Henk Roodt
Simulation, Systems and
Design Integration,
Sustainable Farming