



Do you want a research scholarship over summer?

*Are you planning on coming back to university next year?
Would you like to carry out an interesting 10-week research project over the holidays?*

Scholarships are available for the following projects, to be based at the Centre for Sustainability – Kā Rakahau o Te Ao Tūroa – University of Otago, Dunedin.

1. The future of transport in New Zealand

This summer student research will build on recent research to investigate the potential for NZ households to adopt new transport technologies. This may include analysis of:

- People's readiness to adopt new technology
- Perceptions of near-future technologies (e.g. self-driving cars)
- Barriers and supporting factors for technology transformation
- Barriers and supporting factors for radical transport change
- Lead indicators of technological change, building on recent research from the supervisor

Background and expertise: A 3rd to 4th year student with skills in social science research, and an interest in transport and sustainability. Supervisor: Assoc Prof Ben Wooliscroft

2. Mapping the human landscape of greater South Dunedin

The greater South Dunedin area (including parts of Forbury, St Kilda etc) is vulnerable to long-term sea level rise. This project will develop GIS (or similar) overlays for the at-risk area, showing patterns of variables such as demographics, home ownership, business types, land values etc.

Background and expertise: A 3rd to 4th year student with strong data analysis and GIS (or similar) skills. Supervisor: Dr Caroline Orchiston and Dr Janet Stephenson

3. Energy flows in Dunedin city

The first Dunedin Energy Baseline Study was published in September 2015. This study took stock of and analysed energy inputs to the city of Dunedin to help inform planning for future development. The study was a high-level estimation of the total amount of each energy type used within the city and, where data was available, an indication of the most significant end uses. The purpose is to carry out a similar data collection process for 2015, following the methodology established by the first Baseline Study, and also to fill some of the knowledge gaps identified in the first study (particularly in the use of gas, and wood and coal use for domestic heating).

Background and expertise: A 3rd to 4th year student with good quantitative skills, good social skills, and ideally a background in energy studies. Supervisors: Dr Cle-Anne Gabriel and Dr Michael Jack.

4. Tourism trends and patterns in Queenstown and Milford Sound

This summer student will investigate inbound tourism trends in Milford Sound and Queenstown, with respect to international and domestic markets, transport modes and patterns and accommodation guest nights. This will require data collection from a range of sources (e.g. existing datasets, conversations with local government agencies and Department of Conservation), and translation of this data in a range of visual presentations and narratives.

Background and expertise: A Tourism or other Commerce student at 3rd/4th year or Masters-level, with strong data collection and quantitative analysis skills. Familiarity with software to present data visually will be beneficial. Supervisor: Dr. Caroline Orchiston

ELIGIBILITY

- The Summer Research Scholarships are open only to students who are returning to study at a New Zealand or Australian University in the following year.
- Students must not be receiving alternative scholarship support for the same project or any other project over the same time-frame. Students may hold only one Summer Research Scholarship for the period.
- Students who currently hold a University of Otago Doctoral or Master's Scholarship are not eligible for a Summer Research Scholarship.

TENURE

The Summer Research Scholarships take place over the November to February period, and are for 10 weeks each. Time off for holidays during this time can be negotiated.

SCHOLARSHIP VALUE

\$5,000 to be paid in 3 instalments with the final \$500 paid after the project report has been submitted.

INTERESTED IN APPLYING?

Please send your CV and academic record, together with a cover letter explaining your suitability for the project, to Nicki Topliss, Administrator, Centre for Sustainability nicki.topliss@otago.ac.nz

Closing date for applications: Friday 22 Sept 2015

Start date if successful: November 2015 (exact date to be negotiated)