

## PhD Scholarship in Hydraulic Engineering Up for Grab University of Canterbury

Direct Link: <https://www.AcademicKeys.com/r?job=234711>

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Posted Apr. 16, 2024, set to expire Aug. 15, 2024

<b>Job Title</b>	PhD Scholarship in Hydraulic Engineering Up for Grab
<b>Department</b>	Department of Civil & Natural Resources Engineering
<b>Institution</b>	University of Canterbury Christchurch, Canterbury, New Zealand
<b>Date Posted</b>	Apr. 16, 2024
<b>Application Deadline</b>	May 15, 2024
<b>Position Start Date</b>	Sep. 1, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Water Resources Engineering Mechanical Engineering Civil Engineering Engineering - Other
<b>Apply By Email</b>	<a href="mailto:derek.li@canterbury.ac.nz">derek.li@canterbury.ac.nz</a>

### Job Description

This PhD position in the University of Canterbury will participate in a cutting-edge interdisciplinary research project, which focuses on developing a novel technology for pipeline condition assessment in the network scale, leveraging state-of-the-art signal processing and machine learning algorithms. This research is funded by a 3-year PhD scholarship with 30k NZD stipends + tuition per year. In the project, you will work closely and supervised by prestigious academics, including Prof. Pedro Lee (top 0.1% researcher in the area) and Dr. Derek Li (Karl Emil Hilgard hydraulic prize winner). Your research will involve comprehensive experiments, algorithm development and data processing.

### Expectation:

- Academic background in hydraulic engineering, civil engineering, mechanical engineering,

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electronic engineering, fluid mechanics, physics or acoustics

- Sophisticated programming skills
- Dedicated to experimental works
- Fluent in English communication and writing (University requires minimum IELTS 6.5 or TOEFL 90)
- Candidates with research experience or publication record will be advantaged.
- Candidates with signal processing or machine learning experience will be advantaged.

### **Application:**

Express your interests through Email, [derek.li@canterbury.ac.nz](mailto:derek.li@canterbury.ac.nz), with the following materials attached

- Personal CV
- Transcripts

Selected candidates will be interviewed and further assessed. First come, first served.

**Starting date: 2nd half of 2024**

**Deadline: May 15, 2024**

### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Derek LI  
Department of Civil & Natural Resources Engineering  
University of Canterbury  
Christchurch, Canterbury  
New Zealand

**Contact E-mail**      [derek.li@canterbury.ac.nz](mailto:derek.li@canterbury.ac.nz)