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Lecturer/Senior Lecturer/Associate Professor/Professor in Fire Engineering

Faculty of Engineering

Department of Civil and Natural Resources Engineering

Located in Ōtautahi | Christchurch, Aotearoa | New Zealand

- Full-time 37.5 hours per week (1.0 FTE)
- Continuing (permanent) position

Kia hiwa rā, kia hiwa rā!

He hiahia, he pūkenga nōu ki te mahi a te Pūkenga / Pūkenga Matua/ Ahorangi

Support

Ahorangi? Nāia te pōwhiri nā Te Whare Wānanga o Waitaha kia tono mai i te tūānanga nei.

Āu Mahi | What You Will Do

Applications are invited for continuing position in the Department of Civil and Natural Resources Engineering at the level of Lecturer, Senior Lecturer (equivalent to Assistant or Associate Professor in the US System), Senior Lecturer Above the Bar, Associate Professor, and Professor. The level of appointment will depend on each successful candidate's relevant experience.

This is an exciting opportunity to participate in the further growth of the fire engineering programme in a dynamic and productive department. The successful candidate will have a commitment to excellence in teaching of core courses in fire engineering at both the undergraduate and postgraduate levels, and will be expected to establish a vigorous research programme. The appointee will be expected to supervise final year undergraduate projects, Masters and Ph.D. students, collaborate with others in the University, and to contribute to Departmental, College, and University activities. The appointee will also be expected to develop links with and contribute to the wider engineering profession at local, national and international levels.

Mōu | Who You Are

Applicants must hold a Ph.D. degree in a relevant discipline and have a demonstrated record of published research in fire engineering, with a preferred focus on fire safety design practice (nationally and/or internationally) or risk assessment issues in fire engineering.

Research and teaching interests in one or more of the following areas is an advantage (though applicants with interests in other fire engineering specialties are also encouraged to apply): fire dynamics, material behaviour in fires, fire safety systems, fire safety design practice, structures in fires, evacuation, human behaviour in fires, performance-based fire safety design, fire risk assessment or fire risk management.

Mahi Ngātahi | Who You Will Work With

The successful candidate will have access to a range of test facilities (with technical staff) and expertise in related disciplines. Staff and students have access to some of the best modern facilities and technologies for teaching, learning and research in the southern hemisphere. Every area has been designed with the principles of highly flexible learning spaces, collaborative open areas and engineering on display. In particular, the department has a new fire engineering laboratory with capacity to test fire and structural fire behaviour up to two-storeys high. Large-scale fire testing facilities are also available from time to time at the Building Research Association New Zealand (BRANZ) in Wellington, through collaborative research programmes. In addition, A Virtual Reality (VR) evacuation laboratory is set up at the department.

Ngā Painga o UC | Why UC

Tangata Tū, Tangata Ora -- Engaged, Empowered, Making a Difference.

Ngā Uara | Our Values of manaakitanga, whanaungatanga and tiakitanga guide our decisions and behaviour and provide a roadmap for how we do things at UC, affirming our commitment to pastoral care and support for our ākonga and staff. They challenge and inspire us to be the best we can, and make UC a great place to work and study. For more info on Ngā Uara | Our Values visit us [here \(https://www.canterbury.ac.nz/about/values/\)](https://www.canterbury.ac.nz/about/values/).

We are committed to accessible higher education, service to the community and the encouragement of talent without barriers of distance, wealth, class, gender or ethnicity. The University explicitly aims to produce graduates and support staff who are engaged with their communities, empowered to act for good and determined to make a difference in the world.

What we offer

The University is committed to providing an excellent working environment through:

- relocation support
- widely accessible sabbatical provision
- University and Faculty scholarship support for graduate students
- A unique bequest funded endowment (Erskine fund) that supports an extensive visiting Fellowship programme
- generous annual leave provisions
- flexible working arrangements
- supportive working environment
- professional development and study opportunities
- living in revitalised Ōtautahi | [Christchurch, Aotearoa New Zealand](https://www.christchurchnz.com/) (<https://www.christchurchnz.com/>)
- a unique working environment in a beautiful campus with access to UC facilities such as the recreation centre and Staff club at discounted rates plus onsite cafés and eateries, and more.

For more information on our Benefits, please visit

<https://www.canterbury.ac.nz/joinus/benefits/>

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This role sits within the Academic Staff, Associated Staff and Academic Support Staff Collective Agreement and the following salary scale applies:

This role sits within the Academic Staff, Associated Staff and Academic Support Staff Collective Agreement and the following salary scale applies (NZD): **Lecturer \$89,645 - \$108,144 p.a. , Senior Lecturer \$113,826 - \$142,591 p.a. , Associate Professor \$148,098 - \$159,640 p.a. , Professor \$169,672 - \$213,321 p.a.**

The closing date for this position is: 10 May 2024 (midnight NZ time)

Please note, applications will be reviewed after the close date.

Pēhea te tono mai | How You Apply

Applications for this position must be submitted on our [careers website](https://jobs.canterbury.ac.nz/search) (<https://jobs.canterbury.ac.nz/search>) and should include the following:

- a **cover letter** which includes a **2-3 page statement** outlining your research interests and goals and teaching philosophy (combined)
- a **Resume** which includes a **list of relevant research publications** (combined).

We do not accept applications by email, however, we are happy to answer any queries at WorkatUC@canterbury.ac.nz (<mailto:WorkatUC@canterbury.ac.nz>)

For further information specifically about the role, please contact: Andres Valencia andres.valencia@canterbury.ac.nz (<mailto:andres.valencia@canterbury.ac.nz>)

For overseas applicants, please visit [Immigration New Zealand](https://www.immigration.govt.nz/) (<https://www.immigration.govt.nz/>) website, to review the latest health and visa requirements for visiting and working in New Zealand.

Job Details

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|--------------|----------------------------------|
| Reference # | 19598 |
| Posted on | 25 Mar 2024 |
| Closes on | 10 May 2024 23:55 |
| Location(s) | Christchurch |
| Expertise | Engineering |
| Job level(s) | Academic |
| Work type(s) | Continuing (Permanent) full-time |

More details (document)

Position description 1 [Lecturer PD 2024.pdf \(/blob/Lecturer+PD+2024.pdf?bm=rawanswerfile&id=0l7da1e8y1ox2wf5tmqmxftl3w&vid=1\)](#)

Position description 2 [Senior Lecturer PD 2024.pdf \(/blob/Senior+Lecturer+PD+2024.pdf?bm=rawanswerfile&id=0qv6crdq4rkvvpy3x8mys5yq2y&vid=1\)](#)

Position description 3 [Associate Professor PD 2024.pdf \(/blob/Associate+Professor+PD+2024.pdf?bm=rawanswerfile&id=0ks3fpnrs4qj7p6lmqhnefxu02&vid=1\)](#)

Position description 4 [Professor PD 2024.pdf \(/blob/Professor+PD+2024.pdf?bm=rawanswerfile&id=03efpd7yg3xgxrxoaa2yxj7dge&vid=1\)](#)

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