

Work with us

Professor of Cyber Security

Contact: Stuart Marshall

School of Engineering and Computer Science

Ph +64-4-463 6730

stuart.marshall@vuw.ac.nz

www.victoria.ac.nz/ecs



Capital thinking. Globally minded.

Victoria University of Wellington



VICTORIA UNIVERSITY OF WELLINGTON IS NEW ZEALAND'S NUMBER ONE RANKED UNIVERSITY FOR RESEARCH QUALITY* AND IS RANKED IN THE TOP 2.5% OF THE WORLD'S UNIVERSITIES.

Victoria is one of Wellington's largest employers, with more than 2,500 staff, and 21,000 students from more than 100 countries, and has a range of internationally-focused research centres. By joining the Victoria community you will be part of a truly international organisation that is dedicated to research excellence, strengthening New Zealand's position in the global knowledge economy and developing graduates who will shape and lead New Zealand's future.

VICTORIA'S FUTURE

Victoria University's vision is to be a world-leading capital city university and one of the great global-civic universities. A strategic plan has been developed to support this vision, and sets an ambitious 20-year pathway for Victoria to grow in both size and influence.

Victoria is committed to leading thinking on major issues and to deepening its intellectual influence in Wellington, New Zealand and the Asia-Pacific region.

*2012 Performance-based Research Funding Quality Evaluation.

VICTORIA'S AREAS OF ACADEMIC DISTINCTIVENESS

Victoria's academic emphasis is defined by multidisciplinary areas of excellence across eight key themes.

These themes capture both existing capabilities and future aspirations. They promote an outlook that goes beyond disciplinary, school, faculty or other traditional boundaries, and are underpinned by excellence in research and teaching across the University. They are fields in which Victoria can lead the way in addressing local, national and global challenges.

The themes are:

- advancing better government
- cultivating creative capital
- spearheading our digital futures
- enabling our Asia-Pacific trading nation
- stimulating a design-led, high-value manufacturing region
- enhancing the resilience and sustainability of our natural heritage and capital
- improving health and wellbeing in our communities
- enriching national culture.



Wellington

WELLINGTON IS A THRIVING CAPITAL CITY. ITS UNIQUE AND COMPACT CHARACTER MAKE IT A GREAT PLACE TO LIVE. JUST FIVE MINUTES FROM THE CENTRE OF TOWN YOU CAN BE ON A SANDY BEACH OR IN NATIVE BUSH. IN BETWEEN, THERE ARE GREAT SHOPS, GALLERIES, MUSEUMS, FESTIVALS AND LIVE SHOWS, AND MORE EATERIES PER PERSON THAN IN NEW YORK.

Wellington's creative and innovative environment is home to a booming digital, film, and gaming industry and a strong start-up culture. Wellington is also the centre of government and the location of many national cultural and science organisations and international businesses, many of which have strong and well-established teaching and research links to Victoria.

While the ICT industry has been growing rapidly throughout New Zealand, nowhere has this growth been more pronounced than in Wellington. With almost half the city's workforce in knowledge intensive industries, producing over a quarter of all New Zealand's ICT related GDP, Wellington is the heart of ICT in New Zealand.

When it comes to getting around Wellington, there is an excellent, and well-used, public transport system, and the average daily commute is around 25 minutes. For those who prefer to drive, Wellington has plenty of parking, and almost everything in the city is within easy walking distance.

Find out more about living and working in Wellington at wellingtonnz.com





Faculty of Engineering

VICTORIA UNIVERSITY'S FACULTY OF ENGINEERING IS THE FASTEST GROWING ENGINEERING FACULTY IN NEW ZEALAND. FOCUSED ON ICT, ELECTRONICS AND ENERGY, THE FACULTY HAS AN EMPHASIS ON ACHIEVING THE HIGHEST QUALITY RESEARCH AND TEACHING.

Our professors lead world-class research in a number of areas including signal processing, networking, software engineering, mechatronics, computer graphics and artificial intelligence. Our vision is to be Australasia's leading centre of ICT-related training and research and to be world-leading in our key research areas.

The Faculty is responsible for the School of Engineering and Computer Science. An internationally recognised steering committee and accreditation process ensures that the degrees remain up to date, giving our students confidence that they are receiving an education at the cutting edge of a rapidly changing field.

The Faculty is based in the Alan MacDiarmid building on Victoria's Kelburn campus, with state-of-the-art labs and equipment. The campus is conveniently located within easy walking distance of the central city. We are a Faculty that prides itself on our collegiality and our record of research and teaching innovation. The Faculty has close ties, and works collaboratively with students and researchers in other faculties and schools at Victoria, including the School of Mathematics and Statistics, the School of Design, the School of Architecture, the School of Psychology, the School of Biological Sciences and the School of Chemical and Physical Sciences. These collaborations foster exciting, high-impact research.

The Faculty plays a leading role in the newly established Wellington ICT Graduate School, a government funded initiative to promote the ICT Industry in New Zealand. The Faculty also has strong working relationships and established links with leading businesses and industry locally and internationally, including Weta Digital, Pik Pok, Xero, and Google.





Professor of Cyber Security

A UNIQUE OPPORTUNITY HAS ARISEN TO APPOINT AN INAUGURAL PROFESSOR TO LEAD THE DEVELOPMENT OF A WORLD-LEADING CENTRE IN CYBER SECURITY. THE SUCCESSFUL APPLICANT WILL BE SUPPORTED TO CREATE AND MANAGE A WORLD-CLASS CENTRE OF CYBER SECURITY RESEARCH, AND TO LEAD THE DEVELOPMENT OF A UNIQUE, MULTIDISCIPLINARY UNDERGRADUATE AND GRADUATE DEGREE PROGRAMME.

Victoria University of Wellington has a close working relationship with Carnegie-Mellon University (CMU) and hosts a CSIRT established by Oceania's only CMU Software Engineering Institute (SEI) accredited partner. We seek to become Australasia's leading centre for cyber security research and training. The successful candidate will establish a research group that might include topics of investigation such as system and network security, secure software development, computer forensics, intrusion detection, authentication systems, cyber risk and economics, incident handling, usability and human aspects of cyber security.

The ideal candidate for this position is a world-class researcher who wishes to make a real difference through creating their own high-achieving research group and innovative and attractive supporting degree programmes. This is a unique opportunity that seldom arises, let alone in such a vibrant and high-achieving Faculty situated in one of the world's most desirable living environments.

The successful candidate will possess:

- demonstrated strategic thinking and innovation in research and/or teaching development
- a very strong personal research record
- a proven record of providing high-level academic and organisational leadership and achievement, demonstrating a commitment to both teaching and research
- a demonstrated capacity to foster excellence in all areas of academic activity via a collaborative leadership style that unites and inspires
- excellent skills and experience in internal communications and the ability to work with existing and potential stakeholders.

The expectations of the successful candidate are that they:

- lead the development of a world-class research group in cyber security
- enhance the research profile of the Faculty in alignment with the University's strategic goals by improving the quality and quantity of research outputs including external research grants
- lead the development of a high quality undergraduate degree programme in cyber security that is attractive to high school leavers and international students
- lead the development of a high quality undergraduate programme (research and taught) in cyber security that is attractive to top students internationally and domestically
- engage with industry and other stakeholders to obtain external funding and exposure.

Applying to work at Victoria

YOUR APPLICATION

Thank you for your interest in the position of Professor of Cyber Security.

For a confidential discussion about this role, please contact Stuart Marshall, Head of School, School of Engineering and Computer Science on +64-4-463 6730 or stuart.marshall@vuw.ac.nz

Applications close 15 September 2017.

INTERVIEW PROCESS

Longlisted applicants may be required to undertake an initial e-interview.

Shortlisted candidates will be interviewed by a number of key stakeholders and will also be invited to deliver a seminar on a chosen topic.

References will be sought prior to interview.

TERM OF APPOINTMENT

This is a full-time, permanent appointment.