Lecturer/Senior Lecturer in Acoustics and Vibration

(Lecturer Level B/Senior Lecturer Level C) $97,577 to $136,990 per annum plus an employer contribution of up to 17% superannuation may apply.

Fixed-term position available from May 2020 to June 2022

Joining a team of researchers in the Acoustics, Vibration and Control group, this role will take advantage of a multi-million dollar redevelopment of our acoustics labs that will be completed in early 2020, creating an integrated VibroAcoustic Facility incorporating reverberation chambers, an anechoic wind tunnel amongst the largest in Australia, and a state of the art vibrations lab. The successful candidate will be involved in developing and delivering courses in acoustics and vibrations, conducting research in partnership with industries across a range of sectors, and supervising research projects of Honours, Postgraduate Coursework and Higher Degree by Research students.

To be successful at Lecturer Level B you will need:

- An undergraduate engineering degree in mechanical or other engineering discipline and a PhD or equivalent experience in an area relevant to the School's research strength in Acoustics and Vibration.
- A commitment to excellence in teaching and an ability to develop and teach courses relevant to the School of Mechanical Engineering's programs in Acoustics & Vibrations (see www.adelaide.edu.au/course-outlines/ and search on MECH ENG), including Engineering Acoustics and Computational Acoustics (includes specialist tools Finite Element Analysis, Boundary Element Analysis, Statistical Energy Analysis, Transfer Path Analysis).
- An excellent publication record and a high citation index relative to opportunity, in high quality journals that are relevant to the School of Mechanical Engineering's research strength in Acoustics and Vibration or are multi-disciplinary.
- Ability to attract competitive funding from government and/or industry and to develop research programs in the School's area of research strength in Acoustics & Vibration; or demonstrated ability to successfully attract resources and manage complex engineering projects to completion on budget and on time.
- Eligible for Department of Defence security clearance.

In addition to the above to be successful at Senior Lecturer Level C you will need:

- Demonstrated ability to supervise and motivate students at all levels in research.
- Demonstrated ability to encourage intellectual development and career aspirations of students.
- Demonstrated ability to attract competitive funding from government and/or industry and to develop research programs in the School's area of research strength in Acoustics & Vibration; or demonstrated ability to successfully attract resources and manage complex engineering projects to completion on budget and on time.

Enjoy an outstanding career environment

The University of Adelaide is a uniquely rewarding workplace. The size, breadth and quality of our education and research programs - including significant industry, government and community collaborations - offers you vast scope and opportunity for a long, fulfilling career.

It also enables us to attract high-calibre people in all facets of our operations, ensuring you will be surrounded by talented colleagues, many world-leading. Our work's cutting-edge nature - not just in your own area, but across virtually the full spectrum of human endeavour - provides a constant source of inspiration.

Our core values are honesty, respect, fairness, discovery and excellence. Our culture is one that welcomes all and embraces diversity. We are firm believers that our people are our most valuable asset, so we work to grow and diversify the skills of our staff.

In addition, we offer salary packaging; high-quality professional development programs and activities; and an on-campus health clinic, gym and other fitness facilities.

Learn more at: adelaide.edu.au/jobs

Your faculty's broader role

The Faculty of Engineering, Computer and Mathematical Sciences is a thriving centre of learning, teaching and research in a vast range of engineering disciplines, computer science - including machine learning - and high-level mathematics. Many of its academic staff are work leaders in their fields and graduates are highly regarded by employers.

Learn more at: ecms.adelaide.edu.au

If you want to change tomorrow, act today

Click on the link below for a copy of the selection criteria and to apply: *(If no links appear, try viewing on another device)*

https://careers.adelaide.edu.au/cw/en/job/503738/lecturersenior-lecturer-in-acoustics-and-vibration

Please ensure you address and upload your responses to all of the selection criteria. Application close 24 March 2020.

For further information

For a confidential discussion regarding this position, contact:

Professor Anthony Zander
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P: +61 (8) 8313 5461
E: anthony.zander@adelaide.edu.au

The University of Adelaide is an Equal Employment Opportunity employer. Women and Aboriginal and Torres Strait Islander people who meet the requirements of this position are strongly encouraged to apply.