



2020 Civil and Structural Engineering PhD Scholarship

Status: **Open**

Applications open: 24/01/2020

Applications close: 31/12/2024

About this scholarship

Description/Applicant information

The candidates will be working in the area of structural health monitoring of civil engineering structures on an Australian Research Council Future Fellowship project "Innovative Data Driven Techniques for Structural Condition Monitoring". Research topics on vision based techniques for vibration measurements, artificial intelligence techniques, data analysis and signal processing techniques for structural health monitoring are covered in this project.

Student type

- Future Students

Faculty

- Faculty of Science & Engineering
 - Engineering courses

Course type

- Higher Degree by Research

Citizenship

- Australian Citizen
- Australian Permanent Resident
- New Zealand Citizen
- Permanent Humanitarian Visa
- International Student

Scholarship base

- Merit Based

Value

This scholarship provides initially \$28,092 stipend per annum, based on full-time studies, up to a maximum of three and a half years. For international students, tuition fees for the duration of the award could be covered.

Scholarship Details

Maximum number awarded

2

Eligible courses

Doctor of Philosophy - Civil Engineering,
(possibly) Doctor of Philosophy - Computing

<https://study.curtin.edu.au/offering/course-research-doctor-of-philosophy---civil-engineering--dr-cvengrv1/>

<https://study.curtin.edu.au/offering/course-research-doctor-of-philosophy---computing--dr-comptgv1/>

Eligibility criteria

1. Full time enrolment, for both domestic and international students
2. Minimum required: Bachelor degree (the first class honours or upper second class honours) in Civil Engineering, Structural Engineering or related fields.
3. The language requirement (IELTS: Overall 6.5, Speaking, Writing, Reading and Listening 6.0; or TOEFL, internet based Overall 79, Reading 13, Listening 13, Speaking 18 and Writing 21) is provided at <https://study.curtin.edu.au/applying/english-language->



requirements/accepted-english-proficiency-tests/. Other general admission requirements and procedures can be checked at <http://futurestudents.curtin.edu.au/research/apply/>.

4. Applicants with Master degrees by research with technical publications and research experiences in structural dynamics and structural health monitoring, especially on computer vision, image processing, machine learning, deep learning, signal processing and data analysis techniques, are preferred.

Enrolment requirements

The Postgraduate Coordinator, the Faculty Graduate Studies Officer and other staff in the relevant teaching area ([you can view our contact details here](#)) should be consulted regarding eligibility for entry to the program based on Curtin's entry requirements, the availability of supervisors and facilities, and the suitability of your proposed research topic.

Permanent Residents of Australia, Australian Citizens and New Zealand Citizens

If you are a permanent resident of Australia, an Australian citizen or a New Zealand citizen, once your application has been approved a Letter of Offer will be sent to you by the Faculty Graduate Studies Officer along with any information needed to complete your enrolment.

International applicants

If you are an international applicant, once your application has been approved the Letter of Offer and Invoice for fees will be mailed to you by the [Curtin International](#) together with a pre-departure Information Guide containing information on tuition fee payment, visa, health insurance and any other special requirements.

For further information on applying for admission please see the link: <http://www.curtin.edu.au/research/futurestudents/admission.cfm>

How to apply

Application process

To apply, please send your expression of interest together with your CV, English testing score, qualifications, publications and academic transcripts via email to Associate Professor Jun Li at junli@curtin.edu.au.

Need more information?

Enquiries

Dr Jun Li

Associate Professor, School of Civil and Mechanical Engineering, Curtin University

E: junli@curtin.edu.au

T: +61 8 9266 5140

Visit <https://staffportal.curtin.edu.au/staff/profile/view/Junli/>