Australian Research Council Linkage (ARC) Scholarships

Status: Closed
Applications open: 12/07/2019
Applications close: 15/11/2019

About this scholarship

Description/Applicant information
Four merit based PhD scholarships are available for the holders to conduct research in a project funded by Australian Research Council (ARC) Linkage scheme. This multidisciplinary project investigates the field scale application of biocementation in remediation and self-healing of building structures. Novel extremophilic microorganisms with ability for calcification will be isolated and applied on deteriorated structures. High accuracy ultrasonics scanning technology will be used for monitoring the results. A field trial of the technology on road bases will be performed and commercialisation pathways for the biocementation technology will be explored.

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
- The successful candidate shall receive a stipend valued at $27,596 per annum, tax-free (indexed annually).
- The duration of the scholarship is three years with a possible extension of up to six months providing that the student meets eligibility guidelines as per the conditions of award.
- If the successful candidate is an international student, the scholarship will cover tuition fees offset for the duration of the award.

Scholarship Details

Maximum number awarded
- 4

Eligible courses
The applicant must meet the academic entry requirement for admission into the Doctor of Philosophy program including the English proficiency levels set by Curtin University [https://futurestudents.curtin.edu.au/research/](https://futurestudents.curtin.edu.au/research/)

Eligibility criteria
- Bachelor's degree (H1 or First Class Honours) in Civil Engineering/ Materials Engineering/ Chemical Engineering/
Microbiology / Biotechnology or related fields.
- Knowledge or Master’s degree in relevant research field including publications is desirable.

Enrolment requirements
The successful candidate must enrol full-time into the PhD program and meet their Milestone (candidacy) requirements.

How to apply

Application process
Please send an expression of interest (one page) together with:
- CV (including publication works and two academic referees),
- English testing score (international applicants only) and
- Transcripts of academic record

Contact email address: abhijit.mukherjee@curtin.edu.au and navdeep.dhami@curtin.edu.au
Contact name: Prof Abhijit Mukherjee and Dr Navdeep Dhami

Need more information?

Enquiries
For further information please contact:
Prof Abhijit Mukherjee
School of Civil and Mechanical Engineering
Curtin University, Perth, WA, Australia
Email: abhijit.mukherjee@curtin.edu.au
and
Dr Navdeep Dhami
School of Civil and Mechanical Engineering
Curtin University, Perth, WA, Australia
Email: navdeep.dhami@curtin.edu.au

Further information
The applications will be examined continuously and the selected candidates will be invited for an online interview.