

# PhD Scholarship Opportunity

## Identifying mathematical expression for teaching and learning mathematics in diverse Australian Indigenous languages

**Supervisors:** Dr Cris Edmonds-Wathen

**Stipend:** \$40,000 yearly for three years (\$120,000) + RTP Fee offset

**Location:** CDU Casuarina Campus and remote research in NT Aboriginal communities

### About the Opportunity

This project is investigating how to use Australian Indigenous languages for teaching primary school mathematics. Part of a multi-site project focusing on several diverse languages, you will work closely and collaboratively with one or more specific schools and language communities. You will describe the ways in which mathematical structures are expressed in the language, how they are used in school mathematics teaching, and additional possibilities for mathematical language use. The aim is to improve remote Indigenous students' access to mathematics in first language and contribute to understanding the relationship between language and mathematics, while working in an interdisciplinary team with linguists and mathematics educators. Dr Cris Edmonds-Wathen has been researching mathematical expression in diverse languages for 15 years, including languages of Australia and Papua New Guinea.

### Scholarship Details

The successful applicant will receive a CDU Domestic Excellence Scholarship (CDUDES) (tax-exempt and indexed annually), an RTP Fee Offset for the tuition fees and generous relocation allowances. Find out more about the CDU High impact scholarship opportunities [here](#).

### Eligibility

The PhD candidate must:

- be an Australian Citizen, an Australian Permanent Resident, or a New Zealand Citizen
- able to commence before January 2024
- meet the Excellent Scholar eligibility outlined [here](#).



Cris (middle) with Anangu teaching staff Christine Bennett (left) and Lucinda Nipper (right).

### How to Apply

If you have any application or eligibility enquiries, please contact Dr Cris Edmonds-Wathen at [cris.edmonds-wathen@cdu.edu.au](mailto:cris.edmonds-wathen@cdu.edu.au) or call 8946 7739.

To submit an expression of interest, please email the following to [cris.edmonds-wathen@cdu.edu.au](mailto:cris.edmonds-wathen@cdu.edu.au):

- Cover letter (max 2 pages) outlining your suitability (max two pages).
- **A curriculum vitae**, including a list of any peer-reviewed publications, conference presentations and relevant work and/or research experience.
- **A brief statement** that explains why you are interested in this research project/area (max 500 words).