From research into the use of ICT in learning, bilingual education and students with challenging behaviour to services for children who have experienced emergency situations, Macquarie's education researchers are uniquely positioned to help shape the complex issues that define the future of humanity.

Macquarie is recognised internationally as a leader in early childhood, primary, secondary and higher education; educational leadership; special and inclusive education; and technology-based learning and teaching.

The Institute of Early Childhood and the School of Education engage in collaborative activities with expert researchers and practitioners in Australia and internationally. Our researchers have established relationships across early years centres and services, in education sectors, and with industry partners who are interested in advancing learning across education and community settings.

Macquarie is home to Fellows of the Academy of the Social Sciences in Australia, Nationally Competitive Research Fellows, an Order of Australia recipient, and several Early Career Researcher Award winners.

Our education researchers also enjoy an international reputation as leaders in their fields. In the most recent Excellence in Research for Australia (ERA) evaluation, our research in the sub-discipline of specialist studies in education received a rating of ‘performance above world standard’ and our research in the sub-discipline of education systems received a rating of ‘performance at world standard’.

We offer opportunities to participate in cross-disciplinary and collaborative research that focuses on innovation and change in early childhood and education environments.

As a higher degree research candidate at Macquarie, you will have access to one of the finest research environments in our region.
**Highlights**

- Macquarie is a key collaborator in the Science of Learning Research Centre. A special research initiative of the Australian Research Council, the centre brings together researchers in education, neuroscience and cognitive psychology to work with teachers to understand the learning process.

- Macquarie is leading the Opening Real Science project. The three-year national project is supported through funding from the Chief Scientist for Australia and aims to transform the way science and mathematics are taught in schools.

- Macquarie researchers are prolific authors, regularly publishing in the top tier of journals including *Computers and Education*, *Contemporary Issues in Early Childhood*, *Higher Education Research and Development*, and *Journal of Autism and Developmental Disorders*.

**Support**

You will be provided with individualised support, as well as a range of opportunities, at all stages of your research degree, including:

- higher degree research learning skills advisers who provide valuable training options such as workshops in research communication, presentation skills, academic writing skills, thesis planning and more
- inspirational supervision and mentoring
- a candidature management plan that closely supports progress, commencement programs, work-in-progress reviews, and presentations providing opportunities for feedback from a panel of academics
- real-world engagement with opportunities for cotutelle and joint degrees
- financial support for a range of research-related activities
- world-class facilities
- a transformative research experience that fosters cross-disciplinary collaboration.

**FACILITIES**

- Mia Mia Child and Family Study Centre, a long-day early childhood centre with observation rooms for families, students and academic staff
- Macquarie ICT Innovations Centre, a partnership with the NSW Department of Education and Communities to research and develop innovations in ICT for education and disseminating best practice to schools
- State-of-the-art video observation and recording facilities within the Macquarie University Special Education Centre school research hubs

**RESEARCH HUBS**

- Children and Families Research Centre
- Macquarie University Special Education Centre
- Science of Learning Research Centre
- MQ Learning Sciences Laboratory

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