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

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’.

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, education sectors and with industry partners who are interested in advancing learning across education and community settings.

The School of Education is part of the Australian Research Council Science of Learning Research Centre and is leading a national project to transform the way science and mathematics is taught in schools.

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

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

As an HDR candidate at Macquarie you will have access to one of the finest research environments in our region.

**AREAS OF SPECIALISATION**

- Assessment and evaluation
- Children and families learning and development
- Curriculum and pedagogy
- Early childhood care and education
- Early childhood creative arts
- Early intervention and social inclusion
- Educational leadership
- Higher education
- Inclusive and special education
- Indigenous education
- International early childhood care and development (including emergency situations)
- Language, literacies and numeracy
- Learning design and learning analytics
- Memory and cognitive development
- Policy studies
- Science and mathematics education
- Technology for learning and teaching
- Teacher education and professional learning
Highlights

• Since its inception in 1995, our MULTILIT (Making Up Lost Time In Literacy) initiative, which researches and develops intensive literacy interventions for low-progress readers, has attracted over $12 million in research and research consultancy income. The program has been employed by The Exodus Foundation and Cape York Partnerships among others, and is responsible for transforming the educational prospects of children in Sydney, Darwin, Cape York and Gladstone

• 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 Autism and Developmental Disabilities Journal

Support

HDR candidates are provided with strong academic and administrative support. This includes:

• commencement and completion programs
• discipline-specific research training units, including workshops in research communication, presentation skills, academic writing skills, thesis planning and poster preparation
• experienced supervisors and department-based higher degree research directors
• financial support for eligible candidates for a range of research-related activities
• regular departmental HDR meetings with academic staff and candidates covering a range of relevant topics and issues
• regular progress reports and interviews, and/or work-in-progress presentations in which research candidates receive feedback on their work from a panel of academics in their field.

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

• Children and Families Research Centre
• Macquarie University Special Education Centre
• Science of Learning Research Centre

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The information in this document is correct at the date of publication but the University reserves the right to vary or withdraw any general information, any program(s) and/or fees without notice.