AREAS OF SPECIALISATION

• Curriculum and pedagogy
• Early childhood care and education
• Early intervention and social inclusion
• Early language, literacy and numeracy
• Educational leadership
• Higher education
• ICTs in learning and teaching
• International early childhood care and development including early childhood in fragile and emergency contexts
• Mathematics education and science education
• Multi-literacies in curriculum areas
• Pedagogical leadership in early childhood education including cross cultural studies
• Policy studies in early childhood including social and educational change
• Special education including instruction for low-progress readers, education of students with autism spectrum disorders, communication for students with high-support needs, classroom and behaviour management, and evidence-based practice

RESEARCH HUBS

• Children and Families Research Centre
• Macquarie University E-Learning Centre of Excellence
• Macquarie University Special Education Centre

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

In the Excellence in Research for Australia (ERA) 2012 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’.

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.

Opportunities are available to participate in cross-disciplinary and collaborative research in areas such as the learning and development of children and families; education policy; educational technology and learning design; the development of effective solutions to contemporary problems in special education; Indigenous education, policy and practice; and leadership and management in higher education.

As an HDR candidate at Macquarie you will have access to one of the finest research environments in our region.
The information in this document is correct as 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.

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 activity
- 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 or 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

Highlights

- Since its inception in 1995, the 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 is 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 which include Computers and Education, Higher Education Research and Development, Contemporary Issues in Early Childhood, and Journal of Autism and Developmental Disabilities.