AREAS OF SPECIALISATION

- Curriculum and pedagogy
- Early childhood care and education
- Early childhood creative arts
- Early childhood pedagogical leadership
- Early intervention and social inclusion
- Early language, literacy and numeracy
- Educational leadership
- Higher education
- ICT in Education
- International early childhood care and development (including in fragile and emergency contexts)
- Learning and teaching with technology
- Mathematics education and science education
- Multi-literacies in curriculum areas
- Policy studies in early childhood
- Special education (including communication for students with high-support needs, classroom and behaviour management, education of students with autism spectrum disorders, evidence-based practice, and instruction for low-progress readers)
- Teacher education and professional learning
- Teacher practice and educational design

RESEARCH HUBS

- Children and Families Research Centre
- 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.

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

As an HDR candidate at Macquarie you will have access to one of the finest research environments in our region.
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 which include Computers and Education, Contemporary Issues in Early Childhood, Higher Education Research and Development, and Journal of Autism and Developmental Disabilities

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 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

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.