

## HDR Researcher Profile

**Name:** Diana Doust

School of Education

**Program:** PhD

**Thesis title:**

Preservice teachers' self-efficacy beliefs about numeracy



### Thesis Description:

Inspired by Usher and Pajares (2009) this research aimed to understand how preservice teachers' experiences impact their numeracy self-efficacy. The philosophy of Dewey, coupled with Bandura's Social Cognitive Theory, formed a framework for the study. Sequential explanatory mixed methods, both quantitative and qualitative data explored preservice teachers' beliefs about numeracy. A survey of preservice teachers at SCU formed the pilot study - survey and interviews. Exploratory factor analysis and confirmatory factor analysis were used in the main study, which included a survey and interviews with preservice teachers from education faculties throughout Australia. Results and Discussion chapters have been temporarily completed.

**Bio:** Appointed Smiths' Hill Girls' High School - Biology/Maths in 1960. In 1965, married but not allowed to work. Learnt piano gaining AMusA; ATCL; LTCL. In 1982, enrolled in BA - Music/German at UNE and won the First Year Prize for Music. Continued university- BEd specialising in Special Education; and gaining MEd - First Class Honours - a thesis on Integration. In 1988, I received a teaching appointment - Nimbin Central School. In 1991, transferred to Lismore High School as a Learning and Support Teacher - 24 years. On retirement Oct. 2014, I sought to do a PhD. I regret retirement.

### Principal Supervisor

Dr. Marianne Logan

### Co-Supervisors

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