

## Dr Julie Clark



**Lecturer in Mathematics Education**  
**School of Education**  
**Faculty of Education, Humanities, Law & Theology**

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### Research Interests

#### the mathematics classroom

- pedagogies, standards and learning as they apply to primary school teachers, pre-service teachers' training,
- children's engagement and achievements in thinking and working mathematically.

### Qualifications

BEd (Flinders), MA (Boise State), PhD (Colorado)

The mathematics classroom is the focus of the majority of research projects that Julie has undertaken in the last four years.

With this focus come interests in pedagogies, standards and learning as they apply to primary school teachers, pre-service teachers' training, and children's engagement and achievements in thinking and working mathematically.

Current projects include:

- What are the impacts of a mathematics methods course on pre-service teachers' attitudes and beliefs concerning mathematics pedagogy in the primary school?
- What are the impacts of a nurturing, constructivist classroom environment on Year 5 students' affective development?

#### **Current Research Projects**

Julie is a part of a nation wide research project that is investigating rural and regional education for students in mathematics, science and ICT.

#### **Research Collaborations and Partners**

I am currently working with a National grant as part of the *South Australian Hub of the National Centre of Science, ICT and Mathematics Education for Rural and Regional Australia (SiMERR)*. This project will fund research into Maths/Science/ICT Education in rural and remote SA.

Social Justice Research Collective, particularly interested in equity and social justice in relation to mathematics education. Part of the Educational Futures ASRI

#### **Professional Affiliations**

SSABSA Mathematics Subject Advisory Committee (2004-)  
 DECS Senior Years Band Reference Group (2006-)  
 Mathematics Association of SA Committee (2006-)  
 MERGA, AARE, ATEA, AERA

#### **Committees**

School of Education Workload Committee Chairperson (2005-)  
 School of Education Teaching and Learning Committee (2005-)  
 Flinders University, School of Education School Board  
 Flinders University Education, Humanities, Law and Theology Faculty Board (2005-)  
 SJRC Executive(2004-)

- Conducting multidisciplinary collaborative research on Australia's biodiversity & landscapes
- Providing innovative interpretation of biodiversity research for a wide variety of end-users