

EFI Coordinator

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Re-Imagining futures in Science, Technology, Environmental and Mathematics Education : Strand Chair

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Educational Futures and Innovation

broadly addresses the notions of:

- Transforming pedagogies
- Developing partnerships
- Equity and social justice



EFI Seeding Grant 2008

The **Re-Imagining futures in Science, Technology, Environmental and Mathematics Education** strand of EFI aims to develop deeper strategic knowledge, and support innovation and change, around key contemporary issues in science, technology, environmental and mathematics education. The aim of the group is to make a difference in the preparedness of children and youth and professionals to engage with and respond to contemporary STEM issues in a time of rapid growth in knowledge and in its applications and implications. Research in this strand broadly engages with questions relating to Science, Technology, Environmental and Mathematics education concerning:

- The nature of teaching and learning
- Student perceptions and engagement
- Capturing classroom practice
- Teacher learning and innovation
- Partnerships supporting school and teacher practice
- Education for sustainability and social justice
- Rural education and equity

We invite all interested staff to apply for a research seeding grant. A **two-page outline (please use attached template)** of the proposed research should be sent to the STEME Strand Chair by **April 21 2008**. Applicants are encouraged to discuss their application prior to submission.

Criteria for Selection

- The proposal includes a strong strategic research focus.
- The proposal has identified a definitive outcome – publication, conference presentation, further grant application, literature review.
- The proposal has a clear link to a particular EFI strand.
- The outcome is achievable within the time and funding.

Further terms and conditions of funding are as follows:

- Seeding grant fund allocation will be organised by the Strand Chairs from the allocated EFI budget of each strand. The STEME strand chair will consult as appropriate with the strand team.
- All funds need to be drawn down prior to the end of November 2008.
- A short report needs to be produced by 31 January 2009, ready to be tabled at the next scheduled EFI executive meeting.
- Seeding grant amounts will not normally exceed \$2000 per applicant.
- Applicants will be notified by May 2 2008
- If funds are not fully committed in this round there will be ongoing opportunity for submission of proposal