

OPENING REAL SCIENCE: ENGAGING PRIMARY TEACHER EDUCATION STUDENTS WITH SCIENCE AND MATHEMATICS

Kathy Stewart^a, David McKinnon^b

Presenting authors: Kathy Stewart (katherine.stewart@mq.edu.au), David McKinnon (d.mckinnon@ecu.edu.au)

^aDepartment of Education, Macquarie University, NSW, 2109, Australia

^bSchool of Education, Edith Cowan University, Joondalup, WA, 6027, Australia

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ABSTRACT

A project funded by the Federal Enhancing the Training of Mathematics and Science Teachers program that is working with scientists, mathematicians and educators to develop inquiry-based modules to build the competencies of teacher education students.

THE ISSUE

Building on-line STEM-focussed modules that engage and inspire primary teacher education students.

THE APPROACH

Modules build on project partners' experience with innovative, integrated content (e.g. Macquarie University's Big History Institute) and authentic student-led investigation (e.g. Space2Grow). The outcome will be an integrated resource that could support a science and mathematics specialisation in the undergraduate primary teacher education program.

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