



Public Lecture- Assessment, Technology and Science Education: What are we assessing?

Never Stand Still

Faculty of Arts & Social Sciences

School of Education

The School of Education is hosting a public lecture by Prof Susan Rodrigues, University of Northumbria, England, entitled Assessment, Technology and Science Education: What are we assessing?

Abstract

There is a body of research, providing both rhetoric and discussion about the use of ICT (audience response systems, CDROMs, simulations, dataloggers, Emails, Internet, modelling, virtual worlds and whiteboards) in science education for learning and assessment purposes. The research has alluded to benefits in terms of learner control, pro-active learning, increased student motivation, and increased student engagement. In this seminar the findings from several small scale studies will be presented in order to illustrate both the potential and the challenges of technology based assessment in science education. For if technology based assessment encourages inattentive blindness or selective amnesia, then using technology to assess student learning is unlikely to generate a better insight into their understanding or provide an accurate record of their capability.

Biography

Susan Rodrigues is currently Professor in Education at the University of Northumbria, England. Her previous academic experiences have been with the University of Dundee, Scotland; University of Stirling, Scotland, University of Durham, England and the University of Melbourne, Australia. She conducts research into the teaching and learning of science where her work is making a contribution both to innovative practice and to theory. Her research explores issues such as the language of science, teacher professional development, and how ICT can be used to transform teaching, learning and assessment in science.

Professor Susan Rodrigues is known internationally for her science education research and has been invited to present at international events including in Australia, Brunei, Germany, Poland and Cyprus. She was a guest editor for the *Science Education International* journal and is referee for several international science education and technology education journals. She is currently working on projects funded by *Astrazeneca Science Teaching Trust* and is working in partnership with the *European Union F7 programme*.

- When: 15th February 2012
- Time: 4:30pm – 5.30pm *followed by refreshments and informal discussion*
- Location: Room 119, John Goodsell Building, UNSW
- Prof Susan Rodrigues, University of Northumbria, England
- Chair: A/Prof Wan Ng

To register please [click here](#)