

## STOCHASTICAL THINKING, LEARNING AND TEACHING

Co-ordinators: Brian Greer, San Diego State University, USA  
Chris Reading, University of New England, Australia

In general, the group will continue to discuss the relationship between stochastical and mathematical thinking, learning, and teaching from multiple perspectives. Specific themes to be addressed will be:

- curriculum issues – syllabus, textbooks, software, assessment
- making connections within mathematics and with other subjects
- the wider social significance of stochastics education

We will begin with a commemoration of the contribution of John Truran to stochastics education, in particular his leadership of this Discussion Group.

Participants in the Sixth International Conference on Teaching Statistics and in the Second International Research Forum on Statistical Reasoning, Thinking and Literacy will report on those meetings.

Short contributions to initiate discussion will include:

- Andy Begg (New Zealand) talking about rich learning activities in syllabuses, textbooks, and assessment linking statistics with other parts of mathematics and with other subjects
- Chris Reading (Australia) talking about the “Profile for Statistical Understanding”
- Swapna Mukhopadhyay (USA) talking about the use of statistical data for critical analysis of social issues
- Chris Nisbet (Australia) talking about students' graphical representation of statistical data