



Teaching and Learning Seminar Series
School of Mathematics and Statistics,
UNSW.



Session 2, 2009

Daniel Chan, Chris Tisdell and Spiridon Penev

Teaching students in our higher level undergraduate courses.

This session the Teaching and Learning seminars are directed at the teaching and learning of our mathematics and statistics students rather than those in our service courses. In the first seminar we look at undergraduate courses, and at lectures and tutorials for the higher level first, second and third year courses. Three speakers from different parts of the School will each speak for 5-10 minutes, leaving time for questions and discussion.

- **How I work with the better students in 3rd year Statistics courses –**
Spiridon Penev

Many of the statistics courses in third year are taught together at normal and higher levels. This poses some difficulties and challenges when trying to address the learning needs of the very good students. I will discuss how I approach these challenges and will share some of my experiences teaching such courses during the recent years.

- **How I Teach Mathematics to the Talented and Higher Learners –**
Chris Tisdell

The learning needs of talented and higher-level mathematics students presents significant challenges and interesting possibilities for the teacher, such as: maintaining student engagement with the subject material; instilling high levels of independent learning; and achieving the teaching-research nexus. I will discuss some strategies for teaching talented and higher-level mathematics students that I have trialled over the past three years.

- **Teaching higher level first year students and the Talented Students' program.**

Daniel Chan.

About the speaker: Dr Daniel Chan, Dr Chris Tisdell and Dr Spiridon Penev are all Senior Lecturers in the School of Mathematics and Statistics at UNSW.

Time: 3pm, Tuesday 1st September

Location: Room Red Centre; RC 4082

Seminar co-ordinator: Diana Combe

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