

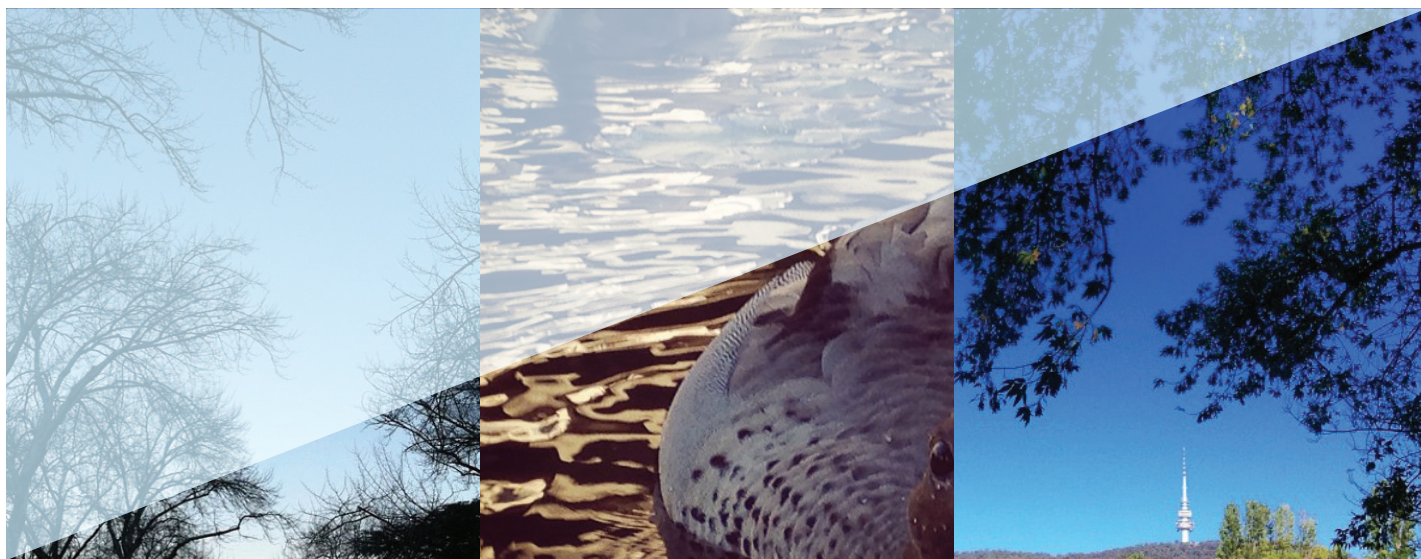


Australian
National
University

CMBE & CPMS and CECS Teaching and Learning Colloquium

Tuesday 2nd June, 2015 9am - 1pm, refreshments provided

3rd Floor, Science Teaching building (#136) Linnaeus Way, ANU



The biannual Colleges of Science Teaching and Learning Colloquiums have been running successfully since 2012. The central aims are to provide a forum for College staff to share good practices, experiences and philosophies across disciplines, year levels and communities of practice and to interact with the higher education sector beyond ANU.

In 2015 CMBE & CPMS are joining with the College of Engineering and Computer Science to focus our June and November colloquiums on STEM (Science, Technology, Engineering and Mathematics).

Please register for this event at:

<https://eventbrite.com/event/17058523503/>

Presented by

ANU College of
**Medicine, Biology
& Environment**
**Physical & Mathematical
Sciences**
**Engineering &
Computer Science**

Registration

[https://eventbrite.com/
event/17058523503/](https://eventbrite.com/event/17058523503/)

For further information:
Science Teaching and Learning Centre
science.education@anu.edu.au
or ext 53887;
or
Marina Lobastov
marina.lobastov@anu.edu.au
or ext 70024



Program

9.00am Welcome

STB 1 Professor Barbara Van Leeuwen, Director Science Education and Dr Jochen Trumpf, Associate Dean Education, College of Engineering and Computer Science

9.10am The Indigenous Health Stream (IHS): experiential learning, mentoring and leadership training in Indigenous Health Amanda Barnard, Samia Goudie, Phyll Dance, Christine Phillips, Kirsty Douglas, Jill Bestic, Gaye Doolan

9.40am Putting the Social in Science: teaching medical students cognitive flexibility through social sciences Associate Professor Christine Phillips, ANU Medical School

Parallel Sessions
STB 1

STB 2

10.10am Distributed constructionism and the Jigsaw classroom
Chris Browne, ANU College of Engineering and Computer Science

My Maker Tutorials TEG extends the concept of student-facilitated tutorial by making available sophisticated hands-on learning activities. This builds on my Jigsaw classroom, for which I was awarded an AAUT in 2014.

Physics Project Market Day: An event that enables students to 'shop' for a research project and chat to staff in an informal environment.

Associate Professor Jodie Bradbury ANU College of Physical and Mathematical Sciences

Physics Project Market Day is a unique event at ANU that promotes research as an integral part of the undergraduate student experience, fosters interactions between staff and students and presents the breadth of student physics research projects available.

10.40am Morning Tea.

11.10am Making Expert Thinking Visible

Dr Salman Durrani, ANU College of Engineering and Computer Science

This talk will discuss some strategies, in the context of electronic engineering, for making expert thinking visible and enjoyable for both students and lecturers.

11.40am How might we better support tutors and demonstrators?

Associate Professor Kristen Pammer, ANU College of Medicine Biology and Environment

Kristen will outline the QUT model for supporting sessional staff to begin a discussion on how we can progress in our Colleges at ANU.

12.10pm Working with industry to extend student research and professional skills using student run start-ups

Dr Shayne Flint, ANU College of Engineering and Computer Science

TechLauncher is an RSCS initiative, which enables students from any discipline to develop the research and professional skills required to use technology to bring great ideas to life and have a positive impact on our society. Students develop these skills by working closely with industry professionals, technology experts and entrepreneurs to create start-up companies or to work on complex real-world problems. In 2015 we have 120 3rd and 4th year students enrolled in the course which runs over two semesters. Many of our 3rd year students will continue with the program in their 4th year.

In this presentation we will describe the TechLauncher program and how our students engage with industry, government and innovation sector. Some of their students will talk about their involvement in the course and demonstrate their work. We will conclude with our vision for the next few years.

<http://cs.anu.edu.au/TechLauncher/>

1.00pm End