

Click on the title for presentation abstract and speaker details.

## Tuesday, December 8, 2015

9:30 AM - 9:45 AM	<u>Introduction and Welcome to Country</u> <u>Caitilin de Berigny and Phil Poronnik</u>
9:45 AM - 10:30 AM	<u>TBA, presentation 1</u> <u>Erica Seccombe, Matt Adcock, Stephen Barrass</u>
10:30 AM - 11:00 AM	<u>Morning tea, day 1</u>
11:00 AM - 12:00 PM	<u>Presentation on animation, behind the scenes</u> <u>Chris Hammang</u>
12:00 PM - 1:00 PM	<u>Creative coding and biosciences</u> <u>Jon McCormack</u>
1:00 PM - 2:00 PM	<u>Lunch, day 1</u>
2:00 PM - 2:30 PM	<u>Science and communicaton</u> <u>Emma Johnston</u>
2:30 PM - 3:00 PM	<u>Embracing Technology for Engagement and Communication in Science</u> <u>Darren Saunders</u>
3:00 PM - 4:00 PM	<u>Critical thinking</u> <u>Luke Russell</u>
4:00 PM - 4:30 PM	<u>Afternoon tea, day 1</u>
4:30 PM - 5:15 PM	<u>InterCellular learning and curriculum platform</u> <u>Caitilin de Berigny, Phil Poronnik</u>
5:15 PM - 5:45 PM	<u>A pencil and a scalpel: Drawing and visualisation for theatre</u> <u>Simon Betts</u>

## Wednesday, December 9, 2015

8:29 AM - 10:15 AM	<b>Theme 1: Critical thinking, TLOs 1 and 3</b>
8:30 AM - 9:30 AM	<u>Workshop: Critical thinking and research</u> <u>Luke Russell, Darren Saunders</u>
9:30 AM - 10:15 AM	<u>How do we design for and assess critical thinking?</u> <u>Tina Hinton, Philip MacKinnon</u>
10:15 AM - 10:45 AM	<u>Morning tea, day 2</u>
10:44 AM - 12:30 PM	<b>Theme 2: Communication, TLO 4</b>
10:45 AM - 11:45 AM	<u>Workshop: Communication</u> <u>Louise Kuchel</u>
11:45 AM - 12:30 PM	<u>How do we design and access communication and assure graduate outcomes in the biosciences?</u> <u>Fiona Bird</u>
12:30 PM - 1:30 PM	<u>Lunch, day 2</u>
1:29 PM - 3:00 PM	<b>Theme 3: Quantitative thinking, TLOs 2 and 3</b>
1:30 PM - 2:30 PM	<u>Workshop: Quantitative skills</u> <u>Peter Adams</u>
2:30 PM - 3:00 PM	<u>How do we design to improve student quantitative skills?</u> <u>Rebecca LeBard</u>
2:59 PM - 5:40 PM	<b>Theme 4: Assuring graduate standards and work-readiness</b>

3:00 PM - 3:20 PM	<u>Peer review of teaching and learning</u> <u>Sara Booth</u>
3:20 PM - 3:40 PM	<u>Work Integrated Learning and employment of bioscience graduates</u> <u>Roslyn Prinsley</u>
3:40 PM - 4:00 PM	<u>Afternoon tea, day 2</u>
4:00 PM - 4:20 PM	<u>Training work-ready graduates: The SMART2 (CAPSTAN) initiative</u> <u>Leanne Armand</u>
4:20 PM - 4:40 PM	<u>STEM ecosystems</u> <u>Patricia McLaughlin</u>
4:40 PM - 5:00 PM	<u>Strategies for Networking Consortium of Biology Educators (CUBE)</u> <u>Canada</u> <u>Michelle French</u>
5:00 PM - 5:20 PM	<u>Academic integrity</u> <u>Liz Milward</u>
5:20 PM - 5:30 PM	<u>Wrap-up and future</u> <u>Pauline Ross</u>
6:30 PM - 10:30 PM	<u>Conference Dinner</u>

## Thursday, December 10, 2015

8:30 AM - 8:50 AM	<u>Opening remarks</u> <u>Cenk Suphioglu</u>
8:50 AM - 9:00 AM	<u>Welcome   Beverley Oliver</u>
8:59 AM - 11:00 AM	<b>Session 1: Importance of QS in the curriculum</b>
9:00 AM - 9:40 AM	<u>Keynote: Perspectives from the UK and US on integrating mathematics into the teaching and learning of biological sciences</u> <u>Jenny Koenig, partly sponsored by Western Sydney University</u>
9:40 AM - 10:00 AM	<u>QS in Australian undergraduate science curriculum</u> <u>Kelly Matthews</u>
10:00 AM - 10:20 AM	<u>The Math Skills Program at La Trobe and its impacts</u> <u>Deborah Jackson</u>
10:20 AM - 10:45 AM	<u>Panel Q&amp;A - Session 1</u> <u>Jenny Koenig, Kelly Matthews, Deborah Jackson</u>
10:45 AM - 11:00 AM	<u>Morning tea and poster session</u>
10:59 AM - 1:45 PM	<b>Session 2: Applications of QS in different disciplines / QS in the discipline</b>
11:00 AM - 11:30 AM	<u>Formulating and solving biodiversity conservation problems</u> <u>Hugh Possingham</u>
11:30 AM - 11:50 AM	<u>Embedding QS in biomedical science units</u> <u>Ramesh Rajan</u>
11:50 AM - 12:10 PM	<u>Panel Q&amp;A - Sesson 2</u> <u>Hugh Possingham, Ramesh Rajan</u>
12:10 PM - 12:45 PM	<u>MathBench Demonstration: a hands-on demonstration</u> <u>Lesley Lluka, Dianne Watters</u>
12:45 PM - 1:45 PM	<u>Lunch, including poster viewing and MathBench display</u>
1:44 PM - 3:35 PM	<b>Session 3: The solutions - Mathbench USA and MathBench AUS experience</b>
1:45 PM - 2:20 PM	<u>Keynote: MathBench Biology Modules: Impact on student quantitative</u>

	<u>skills in diverse US educational settings</u> <u>Katerina (Kaci) Thompson – Sponsored by Deakin University</u>
2:20 PM - 2:40 PM	<u>Sneak preview: MathBench project findings</u> <u>By team members Jenny Di Trapani, Julie Markham, Prasad Chunduri,</u> <u>Shaun Belward and Leanne Rylands</u>
2:50 PM - 3:00 PM	<u>Student voice - Our take on MathBench: A short video</u> <u>Yvonne Hodgson</u>
3:00 PM - 3:30 PM	<u>Panel Q&amp;A - Session 3</u> <u>Katerina Thompson, team, student rep (UWS)</u>
3:30 PM - 3:35 PM	<u>Acknowledgement from MathBench team</u> <u>Vilma Simbag</u>
3:35 PM - 3:45 PM	<u>Closing remarks from BEAN</u> <u>Phil Poronnik, Pauline Ross</u>
3:45 PM - 4:00 PM	<u>Afternoon tea and farewell</u>