

ACSME 2021 - Day 1: Wednesday September 29

<p>10.00-11.10 AEST</p>	<p>Welcome Professor Cristina Varsavsky, Director ACDS Teaching and Learning Centre Professor Melissa Brown, President of the ACDS</p> <p>Keynote: <i>How do our programs and courses need to change to better include, equip, and empower learners?</i> Associate Professor Alison Flynn, Associate Vice Provost – Academic, University of Ottawa Session Chair: Associate Professor Erica Smith, The University of New England</p>		
<p>11.15-12.30 AEST</p> <p>(Discussion 12.00 AEST)</p>	<p>Theme: Assessment Watch: Playlist</p> <p>#1: How proportioning marks affects the performance of Allied Health students in a pharmacology course Presenter: Sheila Doggrell https://youtu.be/JbuW8x3Jff4</p> <p>#2: Key drivers for assessment change in uncertain times Presenters: Lara Wakeling, Danielle Wagstaff, Tulsa Andrews https://youtu.be/tQGxjuY_HvU</p> <p>#3: Comparing the questions in online chemistry exams to paper-based exams with the use of Blooms taxonomy Presenters: Alice Lu, Stephen George-Williams, Reyne Pullen https://youtu.be/DUYxdXU_OHg</p> <p>Join Discussion at 12.00 Moderator: Lara Wakeling</p>	<p>Theme: Teaching approaches 1 Watch: Playlist</p> <p>#1: Utilising technologies for post-COVID multimodal course engagement: An initial study Presenters: Michael J Gladys, Lachlan Rogers, Galiya Sharafutdinova, Nicholas Barnham, Patrick Nichols, Paul McDonald, Paul Dastoor https://youtu.be/F6BXudzYNmE</p> <p>#2: Effect of self-regulated learning training on foundation bioscience students Presenters: Vicki Dunk, Pam Megaw, Tanya Doyle, Helen Boon https://youtu.be/xTs0OHR3AKg</p> <p>#3: Student development of problem-solving skills using metacognitive scaffolding Presenters: Kimberly Vo, Mahbub Sarkar, Paul White, Elizabeth Yuriev https://youtu.be/ltJ4X_Ca09Y</p> <p>Join Discussion at 12.00 Moderator: Kimberley Vo</p>	<p>Theme: Inclusivity Watch: Playlist</p> <p>#1: Development of a sustainable online Aboriginal & Torres Strait Islander garden for learning in Health Sciences Presenters: Isabelle Lys, Rachel Crawford, Peter Weyand https://youtu.be/DNMYblQdLBQ</p> <p>#2: Science student reflection on Indigenous Cultural Competency Learning Presenters: Paris Allridge, Angela Ziebell https://youtu.be/GasCrZnKSeA</p> <p>#3: Promoting inclusion in online first-year chemistry through the implementation of the universal design for learning framework Presenters: Charisse T. Reyes, Gwendolyn A. Lawrie, Christopher D. Thompson, Sara H. Kyne https://youtu.be/pgtIBDkzxJk</p> <p>Join Discussion at 12.00 Moderator: Angela Ziebell</p>
<p>12.30-1.30 AEST</p>	<p>Lunch break</p>		
<p>1.30-2.30 AEST</p>	<p>Discussion Panel: <i>Are large lectures a thing of the past?</i> Christine Lindstrom (University of New South Wales), Dino Spagnoli (University of Western Australia), Matt Pye (University of Sydney), Juliey Beckman (Australian National University) <i>Convener:</i> Dr Andrew Kepert (University of Newcastle)</p> <p>[Click on the name of each Panel member to read more about their personal story]</p>		
<p>2.30-3.45 AEST</p> <p>(Discussion 3.15 AEST)</p>	<p>Theme: School teaching and outreach Watch: Playlist</p> <p>#1: The changing face of school teaching and professional development: pre-, during and post-COVID Presenter: Simon J. Crook https://youtu.be/mhERHlwW_Vc</p> <p>#2: Senior Physics Short Courses Presenter: Geoff Swan https://youtu.be/jnSAosGklfw</p> <p>#3: Benefits and barriers of online science engagement: Audience and presenter experiences of 2020 National Science Week</p>	<p>Theme: Teaching approaches 2 Watch: Playlist</p> <p>#1: Fostering group work & connection online: the juxtaposed view of student and educator Presenter: Tracey Kuit https://youtu.be/onNK2X7ISUI</p> <p>#2: Our approach to online, asynchronous lectures Presenters: Kate Jackson, Elizabeth Angstmann https://youtu.be/qJ9vyP3iQtc</p> <p>#3: Suddenly simultaneous: Dual delivery in on-campus and online modes Presenters: Margaret Wegener, Student-Led Observation for Course Improvement Team</p>	<p>Theme: Student engagement Watch: Playlist</p> <p>#1: Student response to a multi-topic kitchen practical experience in undergraduate core biology Presenters: Adrienne Burns, Nicholas Andronicos, Sinead Henderson, Lea Labeur https://youtu.be/7V3aFkVbKDg</p> <p>#2: Students learning experiences of Lightboard and PowerPoint instructional videos Presenters: Ryan E. Lopez, Dino Spagnoli https://youtu.be/j_EybJgz0OU</p> <p>#3: COVID-19 - a mutation in the evolution of Pre-clinical Dentistry at a regional university</p>

	<p>Presenters: Olivia F. McRae, Ellie Downing, Alice Motion, Chiara O'Reilly, Reyne Pullen</p> <p>https://youtu.be/eBKJz5clY5E</p> <p>Join Discussion at 3.15pm Moderator: Geoff Swan</p>	<p>https://youtu.be/oZxsMP5ICEU</p> <p>Join Discussion at 3.15pm Moderator: Margaret Wegener</p>	<p>Presenters: Sharron A. Long, Ernie Jennings, Hilary Whitehouse, Alan Nimmo</p> <p>https://youtu.be/OnLxeZgJRCg</p> <p>Join Discussion at 3.15pm Moderator: Adrienne Burns</p>
<p>3.45-4.20 AEST</p>	<p>Poster Presentations Session 1</p> <p>The poster session will consist of two parts:</p> <p>Part 1 – Pecha Kucha (3.45-4.00 AEST): If you have not already done so, please watch 1-minute video presentations of the posters (YouTube links below)</p> <p>Part 2 – Discussion (4.00-4.20 AEST): Please join the zoom session. Each poster will have a dedicated break-out room (i.e., Poster 1 – Breakout room 1, etc.), and attendees will be able to move themselves between break-out rooms. The Poster Presenters will stay in their break-out room for the duration of the Discussion session.</p> <p>Join discussion 4.00pm AEST Convener: Associate Professor Elizabeth Yuriev (Monash University)</p>		
<p>(Discussion 4.00 AEST)</p>	<p>#1. Scaffolding for impact: Active learning in Forensic Education</p> <p>Presenters: Georgina Sauzier, Alexandra Yeung, Simon W. Lewis</p> <p>https://youtu.be/Vlxqu4hULEc</p> <p>#2. Emergency-remote assessment practices for quality online education at traditional contact universities</p> <p>Presenter: Shalini Dukhan</p> <p>https://youtu.be/XZNV1LaZHCs</p> <p>#3. Career identity and mentoring in first-year Physics undergraduates</p> <p>Presenters: Annette Dowd, Helena Asher-Chiang, Daniel Totonjian, Danica Solina</p> <p>https://youtu.be/tK65hOBgpGU</p> <p>#4. Implementing DNA and RNA nanopore sequencing technology in undergraduate teaching</p> <p>Presenter: Michael Janitz</p> <p>https://youtu.be/Ffd_2NlpQuw</p> <p>#5. Challenges and triumphs of building online learning communities with students from diverse disciplines and backgrounds</p> <p>Presenter: Nirmani Wijenayake</p> <p>https://youtu.be/B_dnF7LR8aA</p> <p>#6. An investigation of inquiry-based learning in chemistry laboratories within senior secondary school and first-year university</p> <p>Presenters: Michael Calarese, Alexandra Yeung, Mauro Mocerino, David Treagust</p> <p>https://youtu.be/UYeG4xMMItE</p> <p>#7. Social connections made by first year university students during online learning</p> <p>Presenters: Natasha McGuire, Louise Ainscough, Kay Colthorpe, Judit Kibedi</p> <p>https://youtu.be/QGuMT2JVYPg</p> <p>#8. Evaluating co-teaching as an engagement strategy for online learning science students</p> <p>Presenters: Christopher E. Jones, Jo-Anne Chuck, Gabriel G. Perrone</p> <p>https://youtu.be/Ka7Ay6Ok1Ls</p> <p>#9. Retention, results and student feedback; lessons learnt from a COVID-imposed unit restructure</p> <p>Presenter: Hilary Coleman</p> <p>https://youtu.be/sU0Bmk65Zt8</p> <p>#10. Technological solutions to empower students who are blind or low vision (BLV) as independent learners in the chemistry laboratory</p> <p>Presenters: Prarthana Devi, Alice Motion, Jasodhara Bhattacharya, Cary A. Supalo, Siegbert Schmid</p> <p>https://youtu.be/CH8Ycly_RKM</p>		

<p>4.25-5.00 AEST</p>	<p>Poster Presentations Session 2</p> <p>The poster session will consist of two parts:</p> <p>Part 1 – Pecha Kucha (4.25-4.40 AEST): If you have not already done so, please watch 1-minute video presentations of the posters (YouTube links below)</p> <p>Part 2 – <u>Discussion</u> (4.40-5.00 AEST): Please join the zoom session. Each poster will have a dedicated break-out room (i.e., Poster 1 – Breakout room 1, etc.), and attendees will be able to move themselves between break-out rooms. The Poster Presenters will stay in their break-out room for the duration of the Discussion session.</p> <p>Join discussion 4.40pm AEST</p> <p>Convener: Associate Professor Elizabeth Yuriev (Monash University)</p>
<p>(Discussion 4.40 AEST)</p>	<p>#1. Multimodal Representations in Chemistry Education: Exploring student conceptions of Resonance Theory through Representational Sequencing</p> <p>Presenters: Brodie Harp, Kim Nichols, Gwendolyn Lawrie</p> <p>https://youtu.be/uTWdaghFma8</p> <p>#2. Engaging with physical models, computer simulations, and immersive virtual reality to understand molecular interactions</p> <p>Presenter: Dewi Ungu, Henry Matovu, Mihye Won, David Treagust, Mauro Mocerino, Roy Tasker, Chin-Chung Tsai</p> <p>https://youtu.be/VhaW68IT07o</p> <p>#3. Teaching Associates' and students' perspectives of online learning in a science degree</p> <p>Presenters: Sarah Yang, Elizabeth Yuriev, Jennifer Short</p> <p>https://youtu.be/3S4aWYAgAQw</p> <p>#4. Learning aquaponics post COVID-19 through start-up industry partnerships</p> <p>Presenters: Daniel Kean Yuen Tan, Anowarul Bokshi, Brian Jones, Floris Van Ogtrop, Oscar Wang, Geert Hendrix</p> <p>https://youtu.be/oTQ5VEu6_so</p> <p>#5. Virtual experience, real learning</p> <p>Presenters: Matthew J. Sellwood, Wendy Zhang, Martin Brown, Philip Poronnik, Craig R. Campbell</p> <p>https://youtu.be/rJgePpiY7sw</p> <p>#6. How can a virtual reality environment allow for transferable learning in Science?</p> <p>Presenters: Annette Dowd, Camille Dickson-Deane</p> <p>https://youtu.be/-pOk_UGvl2g</p> <p>#7. Developing analytical and academic writing practices through a sustainable blended learning program</p> <p>Presenters: Yvonne C. Davila, Matthew P. Padula, Neela Griffiths</p> <p>https://youtu.be/IVjAlkHRki0</p> <p>#8. Investigating Student Conceptions of scientific modelling, atomic structure, and bonding models</p> <p>Presenters: Marley Chia, Efpraxia Kartsonaki, Gwendolyn Lawrie</p> <p>https://youtu.be/fGBvxKhDCKg</p> <p>#9. Motivating Medical Science students to engage with chemistry concepts</p> <p>Presenter: Danielle Skropeta</p> <p>https://youtu.be/lwX382pUoD8</p>
<p>7.30 pm AEST</p>	<p>Trivia Night</p> <p>Participants need to arrange their own group meeting link (Zoom, Teams etc). One member of each group tunes into the Twitch stream and shares so that the whole group can hear. Here is a jamboard you can use if you would like to start a group or join one.</p> <p>Where: Watch the show here: https://www.twitch.tv/aktriviachem</p> <p>Submission via answer sheet: https://forms.gle/fV1EWSumGBFnBC3Y7</p> <p>This answer sheet will be re-used for each round of the trivia.</p>