# **ACSME 2021 - Thursday September 30**

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| 10.00-11.00 AEST | Discussion Panel: ***What is the future of assessment?*** Stephen George-Williams (University of Sydney), Joanna Tai (Deakin University), Jo-anne Larkins (Federation University), Bonnie McBain (University of Newcastle), Adam Rosser (University of New England)  *Convener:* Dr Shannan Maisey, University of New South Wales  [Click on the name of each Panel member to read more about their personal story] | | |
| 11.00 – 11.15 | Coffee break | | |
| 11.15-12.30 AEST  (Discussion 12.00 AEST) | **Theme: Teaching and assessment** Watch:  **#1:** ***When writing the assessment becomes the assessment***  Presenters: Shannan Maisey, Laura McKemmish, Siobhán Wills  **#2:** ***Are online examinations a viable alternative to paper-based examinations for demonstrating competency in human physiology?***  Presenters: Karen Mate, Jude Weidenhofer  **#3:** ***Perspectives on moving towards online learning due to the disruptions of COVID-19***  Presenters: Yuchen Qian, Alexandra Yeung, Dino Spagnoli  Join Discussion at 12.00 Moderator: TBA | **Theme: Teaching approaches 3** Watch:  **#1:** ***Understanding and scaffolding student knowledge of dispersion forces through multiple representations***  Presenters: Lauren Baade, Efpraxia Kartsonaki, Gwendolyn A. Lawrie  **#2:** ***Video-based course instructions as a tool to improve engagement in an online teacher professional development programme***  Presenter: Angela E. Stott  **#3:** ***Interdisciplinary projects in science-based degree programs: Student satisfaction outcomes with different project delivery models***  Presenters: Joanne Hart, Elisa Bone  Join Discussion at 12.00 Moderator: Joanne Hart | **Theme: Mathematics and statistics** Watch:  **#1:** ***Effect of Mindfulness Web-based intervention during COVID-19 crisis***  Presenters: Mitra Jazayeri, Xia Li, Eric Morris, Dan Laurence, Birgit Loch  **#2:** ***Nuancing the differences between multi-discipline maths and stats support in a changing environment for student success***  Presenter: Deborah Jackson  **#3:** ***An online mathematics and statistics refresher program for the COVID-19 era and beyond***  Presenters: Jim Pettigrew, Leanne Rylands, Lyn Armstrong, Don Shearman, Adelle Colbourn, Gizem Intepe, Susan McGlynn  Join Discussion at 12.00 Moderator: Deborah Jackson |
| 12.30-1.30 AEST | **Lunch break** | | |
| 1.30-2.30 AEST | Keynote: ***Navigating video-based learning in Science – how do we close the gap between online and physical*** ***classrooms?*** Associate Professor Jack Wang (The University of Queensland)  *Convener:*  Associate Professor Elizabeth Angstmann (The University of New South Wales) | | |
| 2.30-3.45 AEST  (Discussion 3.15 AEST) | **Theme: Practicals** Watch:  **#1:** ***Blended delivery of undergraduate chemistry laboratories due to COVID-19***  Presenter: Georgina Sauzier  **#2:** ***A blended new world: Science skills support and community development in a pandemic***  Presenters: Joshua Wang, Dana Burfeind, Christine Devine  **#3:** ***Chemistry laboratory instructional models, how do you choose?***  Presenters: Sabrina Barakat, Stephen George-Williams, MaryKay Orgill, Reyne Pullen  Join Discussion at 3.15 pm Moderator: Christine Devine | **Theme: Virtual teaching** Watch:  **#1:** ***Scalable and effective use of virtual reality for Physics Education***  Presenter: John E. Debs  **#2:** ***Capturing the essence of an environmental fieldtrip experience using an online setting***  Presenters: Simone Louwhoff, Singarayer Florentine, Kushan Tennakoon  **#3:** ***Walking into a protein molecule together: University students’ exploration of an enzyme-substrate interaction in immersive virtual reality***  Presenters: Henry Matovu, Dewi Ungu, Mihye Won, David Treagust, Mauro Mocerino, Roy Tasker, Chin-Chung Tsai  Join Discussion at 3.15 pm Moderator: TBA | **Theme: Employability skills** Watch:  **#1:** ***Professional identity of Biomedical Science students: the interplay between skills, attributes and self-esteem***  Presenters: Emma Richards, Kay Colthorpe, Louise Ainscough, Judit Kibedi  **#2:** ***The URE as a vehicle for employability development – the supervisors speak***  Presenters: Lauren J. Carpenter, Susan Rowland  **#3:** ***Interdisciplinary, industry-based work-integrated learning (WIL): Transformative educational experiences for students, teachers and industry partners***  Presenters: Sonia Ferns, Susan Benson, Aloke Phatak, Nina Kumagai, Zachary Riordan  Join Discussion at 3.15 Moderator: TBA |
| 3.45 – 4.00 | Coffee break | | |
| 4.00-5.00 AEST | Discussion Panel: ***Learning from each other: a tale of two education sectors***  Alice Motion (The University of Sydney), Gen Firmer (PhD student, former teacher in Northern Territory), Hilary Coleman (University of Canberra), Helen Georgiou (University of Wollongong), Ingrid Mendes (science/physics teacher at Sydney Grammar)  *Convener:* Dr Reyne Pullen (The University of Sydney)  [Click on the name of each Panel member to read more about their personal story] | | |
| 5.00 pm AEST | **Conference close** | | |
| 7.30 pm AEST | **Trivia Night** Participants need to arrange their own group meeting links. One member of each group tunes into the Twitch stream and shares so that the whole group can hear. | | |