# **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 SpagnoliJoin Discussion at 12.00Moderator: 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 12.00Moderator: 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 McGlynnJoin Discussion at 12.00Moderator: 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 PullenJoin Discussion at 3.15 pmModerator: 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 pmModerator: 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 RiordanJoin Discussion at 3.15Moderator: 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. |