

***Adapting to change: Creating a more inclusive, creative and predictive system of learning***



***Bob Lingard, Professor and Claire Wyatt-Smith, Director, Institute for Learning Sciences and Teacher Education, ACU.***

***Abstract***

This presentation is both exploratory and provocative, taking a focus on digital disruption in education, assessment and testing. We present cameos of what digital disruption looks like: in the world; in education systems and in schooling. Against this backdrop, we identify some of the biggest issues that stem from digital disruption and speak to what big data might mean in education and for education policy (data to inform policy/data as policy). We propose that just as new technologies are profoundly impacting every aspect of our civic, economic and social worlds, locally and globally, so too digital disruption is already having profound impact on education and this has been catalysed by the impact of COVID 19 and the closure of face-to-face schooling. A shift is underway: from an era when teaching professionals were recognised for their pedagogical knowledge and expertise, their knowledge of curricula and of assessment practices to an era when teacher professionalism is being redefined, even reconstituted, including through the affordances of digital disruption and datafication but also through the lures of edu-businesses. So, what are the discernible shifts in pedagogy including assessment and testing that have occurred and what is the potential of advances in artificial intelligence and machine learning? What will these advances bring for desired relationships between teachers and students? What will the place of curriculum, pedagogy and assessment be in this changing context of schooling and schooling systems?



### ***Claire Wyatt-Smith Biography***

Professor Claire Wyatt-Smith is the Director of the Institute for Learning Sciences and Teacher Education at ACU and Professor of Educational Assessment and Literacy. Her research addresses standards, professional judgement, and the implications of digital disruption for teacher professionalism. Other research includes a large-scale Australian study working with a collective of 18 universities to lead the design and implementation of the Graduate Teacher Performance Assessment. Her work has attracted funding from the Australian Research Council, and governments at national and state levels, as well as international educational agencies. She is the Foundation Editor of 2 book series with Springer Publishing.

### ***Bob Lingard Biography***

Professor Bob Lingard is currently a Professorial Fellow at the Institute for Learning Sciences & Teacher Education at Australian Catholic University. He is also an Emeritus Professor of Education at The University of Queensland. He has authored and edited 25 books and published many articles in the leading international journals in his fields of sociology of education and policy sociology in education. His most recent books include: *Digital Disruption in Teaching and Testing* (Routledge, 2021), *Globalisation and Education* (Routledge, 2021), *Global-National Networks in Education Policy: Primary Education, Social Enterprises and 'Teach for Bangladesh'* (Bloomsbury, 2021), *Globalizing Educational Accountabilities* (Routledge, 2016), *The Global Handbook of Education Policy* (Wiley, 2016), and *Politics, Policies and Pedagogies in Education* (Routledge, 2014). ACSA Conference – Elizabeth Heck Bio



## ***Elizabeth Heck Biography***

Dr Elizabeth Heck is an early career researcher at the Institute for Learning Sciences and Teacher Education, at the Australian Catholic University. Elizabeth has a background in secondary media education, short filmmaking, and community media practice. Her research interests include the media, arts, digital inclusion, and the nexus of digital and data literacy. Elizabeth has published in peer reviewed journals and chapters in both Routledge and Springer books. She is a member of the Association of Internet Researchers (AoIR) and the Australian Teachers of Media (ATOM Queensland). Elizabeth is an Advance Queensland Digital Champion, where she has been involved in activities that contribute to creating more digitally inclusive communities.