



Tuesday, 21 February 2017

The Connected University: Technology's Transformative Role in enabling Student Learning and Graduate Employability Outcomes

Deakin Downtown, Level 12, Tower 2, 727 Collins Street, Melbourne
11.30am – 2.30pm

PROGRAMME

11:30	<i>Registration & Introductions</i>
11:45	<i>Welcome & Background</i> , Christopher Goldsworthy , Assistant Executive Director, Business/Higher Education Round Table
11:55	<i>Institutional Overview</i> , Prof Beverley Oliver , Deputy Vice-Chancellor Education, Deakin University
12.10	<i>The User Experience</i> , Prof John Yearwood , Head – School of Information Technology, Deakin University
12:25	Q&A with panel (speakers from 1 st session) Chaired by Duncan Brown , Director Strategy & Innovation Office, Dimension Data Australia
12:45	Lunch
1:15	<i>Technology & Opportunity</i> , Andrew Belger , Vice-President Asia Pacific, Ellucian
1:30	<i>Engaging with Technology</i> , Dr Linda Corrin , Senior Lecturer, Williams Centre for Learning Advancement, University of Melbourne
1.45	<i>Student Perspective</i> , Josephine Dwan , Postgraduate Student, Deakin University
2:00	Q&A with panel (speakers from 2 nd session) Chaired by Brendon Trezise , General Manager, Strategic Consulting Group, Oakton
2:30	Close

WHAT'S IT ALL ABOUT: Is the increased use of technology (i.e. the connected university) enabling better student learning and graduate employability outcomes? This is the theme for this roundtable and couldn't be more timely as Australia transitions its economy.

B/HERT, Dimension Data/Oakton/Ellucian, and Deakin University are presenting a roundtable focusing on how technology and digital platforms can assist in achieving better outcomes for all stakeholders i.e. students, graduates, universities, employers and technology companies.

BACKGROUND: Technology is having a profound effect in shaping higher education services and course delivery (e.g. 'nano tutors'). The rise of online education platforms available to anyone anywhere has opened up opportunities for many potential students and has required universities to review their operations.

Digital platforms have generated the need for major change within universities affecting all of its activities - research, teaching and community engagement. Modern infrastructure requiring new skills are transforming universities, their services, and redefining the workplace for all university staff.

Just as the educational environment is now equipped with a technological overlay, the 21stC student population enter university having grown up in a digital world. Technology has played a central role for these students at school and as part of their extracurricular activities. Distinctions between on and off campus study are becoming more blurred as technology software is now available for universities to coordinate teaching activities (learning management systems), incorporate flipped and blended modalities supporting 'active' learning, and support student learning where online course materials adjust to the student (adaptive learning).

Accompanying this transformation is the new frontiers of Deep Learning (neural networks) being explored by technology behemoths such as Google, Microsoft and Baidu. It is early days but what impact this field will have on digital pedagogy should become clear over the next five years.

The issues under discussion for this roundtable are whether the application of technology is facilitating new learning models and leading to more successful employment outcomes for new graduates. The real challenge for universities is how they adapt and evolve to the changing needs of the 'always-connected' student.

Specifically, the round table will focus on –

- whether university education programmes are aligned to students' expectations of 'digital engagement';
- how universities are better serving student needs through the integration of technology;
- the impact of technology on learning models, course structure and employment outcomes;
- how technology impacts on skills development, particularly the non-academic skills (e.g. interpersonal/communication, values, EQ and problem solving) that employers are seeking; and
- using technology as part of a life-long learning approach.

The rationale must be made that these developments are educationally sound and value laden for students, universities and employers.

LEARNINGS IMPACTING CONNECTIVITY

- **T 1** where, how and when to learn has **no boundaries**
- **T 2 blended learning** is the accepted and preferred learning modality
- **T 3** blended learning provides more **white space** for critical thinking, creativity and skills development
- **T 4 digital engagement** reflects today's more common work practices
- **T 5** digital engagement supports **just-in-time** resourcing, student learning and feedback
- **T 6** digital platforms facilitate **student analytics**
- **T 7 institutional differentiation** is in part based on the student experience
- **T 8** business and industry have a role to play in any **educational technology developments** that lead to better student outcomes re contextual learning and employment readiness



B/HERT was established in 1990 to strengthen the relationship between business and industry and the tertiary education sector.

This relationship is an important one because knowledge exchange and cross-sector collaboration are the critical drivers for a knowledge-based economy.

Australian business and industry can reap significant benefits from better access to the skills and knowledge of our tertiary sector. Business leaders are well placed to promote the quality and global competitiveness of our tertiary education system. As a knowledge broker, B/HERT facilitates effective working relationships.

B/HERT has established strategic partnerships in the development of programs that advance education, research and innovation.

B/HERT is the *only* national organisation with members who are leaders in tertiary education, business, industry and research institutions.

B/HERT adds value through its unique membership, its engagement on policy issues with government and its commitment to better business/education outcomes through collaboration.

Speakers



Christopher Goldsworthy,
Assistant Executive Director,
B/HERT

Christopher is the Assistant Executive Director of the Business/Higher Education Round Table, a position he has held since 2003. Previously, Christopher has been a board director of The Australian Ballet and The National Theatre Melbourne, General Manager DMA Clinical Pilates, Manager Business & Strategy - the NZ Schools of Dance & Drama, Vice-President Agilitas USA, and Company Manager Essgee Entertainment.

Christopher holds an MBA and a Master of Business Law degree (Bond) and is a member of the Australian Institute of Company Directors.

Before transitioning to business, Christopher enjoyed a 13 year career as a dancer of The Australian Ballet, performing extensively overseas and is a graduate of the Australian Ballet School.



Prof Beverley Oliver
Deputy Vice-Chancellor –
Education,
Deakin University

Professor Beverley Oliver was appointed Deputy Vice-Chancellor Education in 2013, and leads Deakin's ambitious education strategy. Her portfolio includes oversight of the projects designed to enhance student learning and experience, as well as the University Library, Deakin Learning Futures, Deakin Learning Centres, the Centre for Research in Assessment for Digital Learning, as well as DeakinPrime and DeakinDigital.

Speakers



Prof John Yearwood,
Head- School of Technology,
Deakin University

Professor John Yearwood is Head of the School of Information Technology at Deakin University and was previously Executive Dean, Faculty of Science and Technology, and Director, Centre of Informatics and Applied Optimization at Federation University, Australia. He was instrumental in setting up the Internet Commerce Security Laboratory with Westpac, IBM and the Victorian State Government as a joint industry-focused and data-driven laboratory on cyber security in the financial sector. He has held a number of ARC grants and was a QEII Fellow working on computational narrative and argumentation in decision science.

Professor Yearwood's work in data mining and computational intelligence has led to the development of new machine learning and hybrid learning algorithms for artificial neural networks, as well as new data and text mining and pattern recognition approaches.

Professor Yearwood is currently a CI on the ARC funded Discovery Project 'Enhancing and supporting deliberation in multi-disciplinary team decision-making'. He is Editor-in-Chief of the Journal of Research & Practice in Information Technology.



Duncan Brown, Director
Strategy & Innovation
Office,
Dimension Data

Duncan Brown is Director Strategy & Innovation Office at Dimension Data Australia.

Speakers



Andrew Belger,
Vice-President Asia-Pacific,
Ellucian

Andrew is the Asia Pacific Vice President of Ellucian LLP, a company that focuses entirely on providing software and consulting services solutions for tertiary education institutions. Andrew will share Ellucian's perspective on the opportunities for innovation within the sector, with a specific focus on student success, student experience, process efficiency and institutional growth.



Dr Linda Corrin,
Senior Lecturer,
Williams Centre for Learning
Advancement, University of
Melbourne

Linda joined the Melbourne Centre for the Study of Higher Education in 2012 as Lecturer in Higher Education. Her role focuses on research, curriculum development and academic development in the areas of educational technology and eLearning. Linda's research interests include examining students' engagement with technology in everyday and academic contexts, learning analytics, feedback, mixed methods research, and learning design. Linda holds Bachelor degrees in Law and Information and Communication Technologies (Hons 1) from University of Wollongong. She also completed a Postgraduate Certificate in Learning and Teaching in Higher Education at Roehampton University (London) in 2005. Her PhD research examines student learning through their use of technologies.

Speakers



Josephine Dwan,
Postgraduate Student,
Deakin University

Josephine Dwan is fulltime postgraduate student at Deakin University. Having completed her undergraduate studies with a Bachelor of Business Information Systems and Bachelor of Information Technology (Security), Josephine is currently undertaking Deakin's Juris Doctor program studying corporate and commercial law as an online Cloud student. Studying both on and off campus has given Josephine insight into the benefits and challenges of online learning and how it has contributed to the landscape of higher education within Australia.



Brendon Trezise,
General Manager, Strategic
Consulting Group, Oakton

Brendon Trezise is the General Manager of Oakton's Strategic Consulting Group – a national function working with clients across industry and government to address the challenges of digital disruption through pragmatic, executable digital transformation strategies. As part of this role Brendon provides strategic advice to 'C' level executives on how to manage transformation balancing the competing requirements to foster innovation and agility, while still reducing core operating costs, with a particular focus on the Higher Education sector. Brendon has over 30 years of experience in the Information Technology industry, the last 20 specifically focused on the areas of IT Strategy and Transformation.

ROUNDTABLE PARTICIPANTS

Andrew Belger	Vice-President Asia-Pacific, Ellucian
Dr Peter Binks	CEO, B/HERT
Hayley Bolding	Manager, intersective
Duncan Brown	Director Strategy & Innovation Office, Dimension Data
Dr Linda Corrin	Senior Lecturer, Williams Centre for Learning Advancement, University of Melbourne
Josephine Dwan	PhD candidate, Deakin University
Dr Mike Evans	Vice-President Academic, Kaplan Australia
Christopher Goldsworthy	Assistant Executive Director, B/HERT
Prof Gregor Kennedy	Pro Vice-Chancellor (Educational Innovation), University of Melbourne
George Mioch	Program Manager, BOLD Initiative, Federation University
Prof Beverley Oliver	Deputy Vice-Chancellor – Education, Deakin University
Dr Lan Snell	Director Education Services, University of Technology Sydney
Wes Sonnenreich	CEO, intersective
Brendon Trezise	General Manager, Strategic Consulting Group, Oakton
Mark Turner	General Manager Education & Research, Dimension Data
Richard White	Account Manager – Education Sector, Cisco Digital Network Architecture
Prof John Yearwood	Head – School of Information, Deakin University