



DAN MUNNERLEY

Learning Futures Architect



DAN MUNNERLEY



Leader of
transformational projects
at Higher Education
institutions in Australia,
UAE, USA and the UK.

BRIEF BIO

EXPERIENCE

- **2019-NOW** Co-Executive Director, Learning Futures Architect, ASU
- **2016-2019** Head, Learning Environments and Innovations, JCU, Australia
- **2014-2016** Curriculum Development Manager, HCT, UAE
- **2013-2016** Associate Director of Learning Environments, INSPIRE, Australia
- **2013-2016** Senior Lecturer, University of Canberra, Australia
- **2003-2009** Instructional Designer, Zayed University, UAE
- **2000-2003** Curriculum Designer, Pearson/Edexcel, UK
- **1994-2000** Lecturer, Stockport College/Manchester Metropolitan, UK
- **1993-1994** Adjunct Lecturer, Southport College, UK

EDUCATION

- **2010** MA Creative Media Practice, Center for Media Excellence, BU, UK
- **1995** Post Graduate Cert in Education, Edge Hill University, UK
- **1994** BA(Hons) Fine Art - Time Based Media, UCLAN, UK



LEARNING SPACES CONSULTANCY AND DESIGN

Projects

Arizona State University

- Learning Futures Collaboratory
- Dreamscape Immersive

James Cook University

- The Science Place active learning
- Chemistry/Biology 'Superlabs'
- Virtualized learning spaces

University of Canberra

- INSPIRE Center
- Teaching and Learning Commons

Zayed University Campus

- Ruwayah Campus Classroom



Learning Futures Collaboratory

The LFC improves learner success by enhancing the creative and digital fluency of all learners in next generation learning environments

Dan Munnerley
Learning Futures Architect



The Science Place

living labs and active learning

A chemistry and biology research building

Active learning and research facilities for faculty and students in Division of Tropical Environments and Societies

Dan Munnerley
Head, Learning Environments and Innovations





BIO/CHEM SUPERLABS

*directional
'sound shower'
technology*



VIRTUALIZED FIELD STATIONS

*Framework for
polysynchronous
learning*



Experience life and work on a commercial cattle station.

In the heart of North Queensland's cattle industry, Fitzherbert offers the field trip of a lifetime.

The Height of Rainforest Research

Experience the field trip of a lifetime in the heart of a World Heritage listed rainforest.

Wake up on the Great Barrier Reef

From historic shipwrecks to indigenous sites and reef flats to mangroves, Orpheus Island is your gateway to the region. We can accommodate up to 60 people.



*air-cooled
wifi enabled
outdoor pods & paths*

VERANDAH WALKWAY

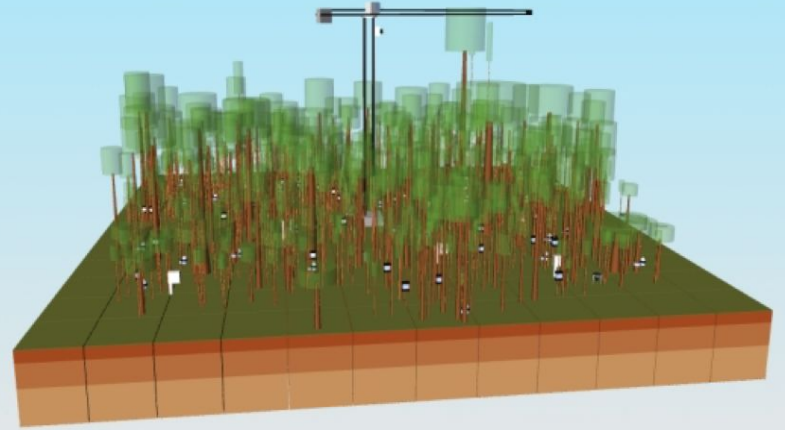
REAL-TIME STATION DATA



Daintree clip
Unlisted
No views

<https://youtu.be/hb0LVT9uG34>

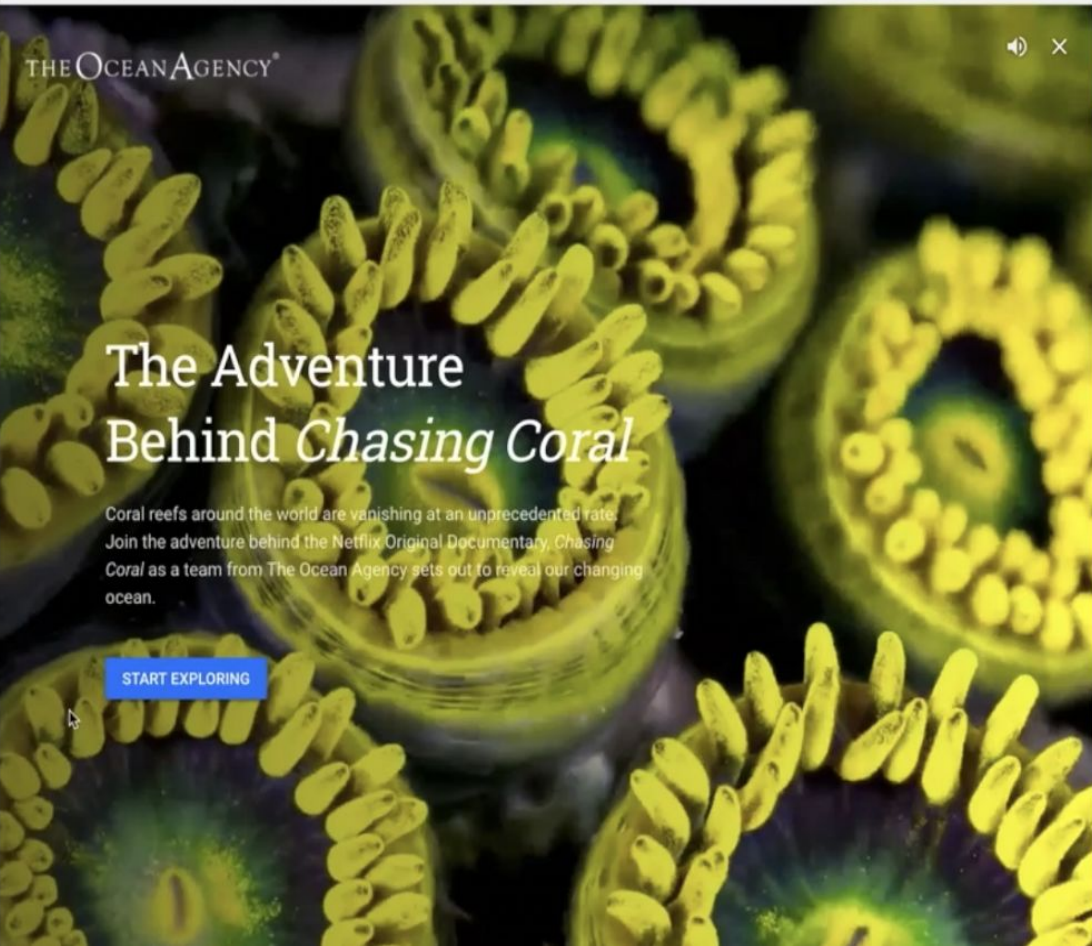
LIKE DISLIKE SHARE ...



'600 sensors giving researchers access to real-time data and video feeds from the Daintree Research Observatory.'

This includes 60 sap flow sensors, 60 automated dendrometer bands, 10 soil moisture pits, more than 90 temperature and humidity sensors, two weather stations, water flow sensors and cameras continuously recording different aspects.

By opening online access to the data, researchers will gain insights into complex processes such as hydrology, erosion, climate change and ecology.'



THE OCEAN AGENCY®

The Adventure Behind *Chasing Coral*

Coral reefs around the world are vanishing at an unprecedented rate. Join the adventure behind the Netflix Original Documentary, *Chasing Coral* as a team from The Ocean Agency sets out to reveal our changing ocean.

[START EXPLORING](#)



AR Studio

Creating opportunities for multimodal layered learning through augmented reality

The Augmented Reality Studio was a partnership with University of Canberra, Australian National University and Macquarie University.

Funded by the Australian Government, Office for Learning and Teaching. (2011-13)

CURRICULUM INNOVATION & RESEARCH



INSPIRE



Office for Learning and Teaching
Innovation and Development Grant, OCT 2011-13

Support for the production of this website has been provided by the Australian Government Office for Learning and Teaching.

The views expressed in this report/publication/activity do not necessarily reflect the views of the Australian Government Office for Learning and Teaching.

Dan Munnerley
Principal Investigator

<http://bit.ly/arscilitte>



Guardian sustainable business Social equality

Hotspots, virtual reality and apps lead the way in Indigenous startups

Digital innovations created by Indigenous entrepreneurs offer new opportunities for employment as well as protecting culture and heritage



The Centre for Appropriate Technology, an Indigenous business, installs mobile phone hotspots along the Stuart Highway. Photograph: CAT

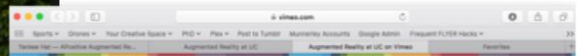


<https://vimeo.com/72340681>

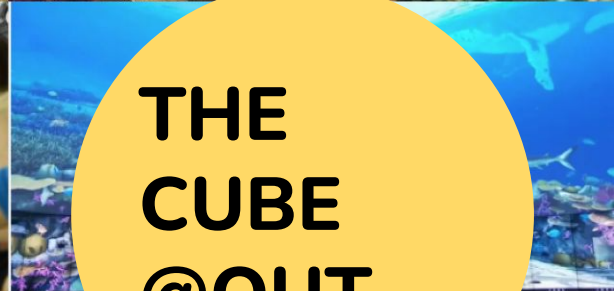
About Indigital



Indigital and the Prime Minister
The Prime Minister was featured in Indigital's mobile application, Digital Network.



<https://vimeo.com/67261399>



**THE
CUBE
@QUT**

Learning & Teaching in Collaborative Environments (L@TiCE)

Program development and design workshops
for faculty assigned to developing immersive environments.



جائزة الإمارات للطائرات
بدون طيار لخدمة الإنسان

THE UAE DRONES
FOR GOOD AWARD

The UAE Government has created this award to challenge the most innovative and creative minds to find solutions that will improve people's lives and provide positive technological solutions to modern day issues. The Award is designed to offer the people of the world an opportunity to really make a difference, with a commitment underlined by the significant prize fund.

www.dronesforgood.ae



جائزة الإمارات للروبوت والذكاء الاصطناعي لخدمة الإنسان

جائزة الإمارات للروبوت والذكاء الاصطناعي لخدمة الإنسان

UAE AI & ROBOTICS
FOR GOOD AWARD

The UAE Robotics & AI for Good Award intends to support innovation in the key area of artificial intelligence and robotics as part of the UAE's commitment towards the National Innovation Strategy launched by His Highness Sheikh Mohammed bin Rashid Al Maktoum. It offers the first of its kind global platform for innovation, focusing on the practical side of this technology in areas of much relevance to society such as health, education and social services.

www.roboticsforgood.ae

DRONES FOR GOOD EDU WORKSHOPS

The Workshops

The sessions introduce techniques for using drones and robotics, and asks attendees to develop their own approaches for the usage of the technology. The workshops aim to enable Discovery, Interpretation, and Ideation around the concepts of Drones and Robotics, and their usage to improve quality of life. These sessions are highly interactive and require participation.

Workshop Facilitators

DANNY MUNNERLEY: Danny is the manager of innovation and development in learning at the Higher Colleges of Technology. Using unmanned aerial systems and time based visual imaging his research

investigates the spatiotemporal interactions between cultural artefacts and the physical environment. You can reach him at www.munnerley.com or on Twitter - @munnerley

DAVID GALLACHER: Dr Gallacher is an Assistant Professor in the Department of Interdisciplinary Studies at Zayed University. He uses micro-UAV (drone) mounted cameras to improve knowledge and management of rangelands in the Middle East. He enjoys natural science, technology and travel. He's one of the few people in the world who can call themselves a drone ecologist.

DR. ABDULLA ISMAIL: Dr. Abdulla Ismail is a professor of Electrical Engineering and

assistant to the President at the Rochester Institute of Technology, Dubai, UAE. His main teaching and research interests are in applied control systems, intelligent systems, desalination plants control, and power systems control. He is the chair of AURAK engineering advisory council and the Global High Schools Committee of the Zayed Future Energy Prize.

PRASHANT 'PK' GULATI: PK Gulati is the founder of The Assembly. He is a technology innovator, mentor, and idea accelerator with interests in innovation, startups, entrepreneurship, exponential technologies, mobility, wireless, intelligent communities, and more. He is the Founder of the Smart Start Fund and has been on the Global Board of TiE, the largest organization of

entrepreneurs. He can be reached at: www.pkgulati.com or on Twitter - @pkgulati



Danny Munnerley



David Gallacher



Dr. Abdulla Ismail



PK Gulati

Educational Program

Dan Munnerley
David Gallacher

Sponsored by UAE Ministry
for Education

BBC ClickOnline

<https://youtu.be/P--YkskXWt4>