

WORKFORCE TRAINING AND INNOVATION FUND SHOWCASE

Thursday 8 August 2019
Melbourne Convention and Exhibition Centre

8:30am	Registrations
9:00am	Exhibition viewing
9:35am	Opening
9:50am	Chinese Customer Engagement Presenter: Bill Lang, Institute of Advanced Business Studies
	Transforming Enrolled Nurse Education – from conventional learning to situated learning Presenter: Debbie Reynolds, RMIT
	Meat Inspection Training Presenter: Sharon Fitzgerald, MINTRAC
10:45am	Morning Tea
11:15am	Industrial application of Drone Technology Presenters: Dr Joel Spencer and Shobana Mitra, Institute for Drone Technology
	Virtual Picker Presenters: Tony Lander and Meagan Wilson, Melbourne Polytechnic
	Maker Immersion Kit Presenters: Rachel Burke and Peter Exner, Exner Education
12:15pm	Lunch
1:15pm	Applying the New Work Mindset in South West Victoria Presenters: Leigh Roberts, South West Institute of TAFE, and Alex Snow, Foundation for Young Australians
	Civil Skills Cadetships Program Presenter: Sonya Casey, Civil Construction Federation – Victoria Branch
	Male family violence Presenters: Amelia Ditcham and Jess Kidd, No to Violence
2:30pm	Afternoon Tea
3:00pm	Jasper: A Virtual Reality Simulation Program Presenter: Sanji Kanagalingam, Curve Tomorrow
	NDIS Future Workforce Capability Project Presenters: Micaela Cronin and Michelle McCann, Future Social Services Institute
	Advanced Interactive Rail Learning Presenter: Scott Reimers, Metro Trains Australia
3:55pm	Closing Comments
4:00pm	Close

INFORMATION FOR SHOWCASE PROGRAMS

ENGAGING WITH CHINESE CUSTOMERS

(Institute of Advanced Business, Melbourne Polytechnic)

This project trains Victorian businesses and their employees to attract and retain Chinese tourists as customers. It teaches technology-driven business skills and also aims to skill and upskill VET trainers and students.

TRANSFORMING NURSE EDUCATION

(RMIT University, Northern Health)

The partners have shifted nursing students from the classroom to learning on the job at a dedicated education unit located at a health care service. The revamped diploma course uses augmented reality, employs a 70:20:10 learning pedagogy and includes micro credentials.

THE FUTURE OF MEAT INSPECTION

(MINTRAC, South West TAFE and Federation University)

Flipping the traditional training pathway on its head, this project enlists second and third-year University students to also enrol in the Cert III in Meat Processing – thereby tackling a shortage of meat safety and quality assurance personnel that threatens the sustainability of the industry.

USING DRONE TECHNOLOGY

(Institute for Drone Technology, Bendigo Kangan Institute)

The rapid advance of drone technology makes it a game changer across a host of industries. The Institute for Drone Technology is developing a training program to teach workers from an array of industry sectors to use the machines – and to analyse the data the drones provide.

VIRTUAL MUSHROOM PICKER

(The Costa Group, Melbourne Polytechnic, Liminal VR)

This project is using state-of-the-art virtual reality and will revolutionise the training of the mushroom harvesting workforce. The technology promises gains in productivity and safety – and its multi-lingual delivery is perfect for the predominantly migrant workers.

MAKER IMMERSION KIT

(Exner Education, Real Serious Games, University of Melbourne, Holmesglen Institute and Federation University)

Virtual reality is the spearhead of a bold overhaul of the Cert IV and Diploma courses in building and construction. The project has updated the entire course learning materials in consultation with industry and TAFEs – allowing students to learn concepts and then practice their skills safely in a virtual worksite.

A NEW WORK MINDSET

(South West TAFE, Foundation for Young Australians)

South West Institute of TAFE is using insights from Foundation for Young Australians research – which includes analysis of 51,000 job ads – to help it develop, test and trial innovative career development and management processes and tools for its students and employees of project partners Lyndoch Living, Eventide Homes and Western District Health Service.

ENGAGING THE NEXT WAVE OF CIVIL WORKERS

(Civil Contractors Federation Victoria, Bendigo Kangan Institute)

Entry-level civil construction workers are vital to Victoria's major infrastructure projects, and this project uses innovative approaches to deliver them. It has developed a cadetship program that uses career assessment technology, simulators and mentors to improve engagement and retention.

THE FUTURE OF FAMILY VIOLENCE TRAINING

(No to Violence, various organisations)

This project will grow the size of the specialist men's family violence services, and expand family violence literacy in the broader community sector. It will also develop the existing specialist workforce and develop VET sector capability to deliver content on family violence.

JASPER: CUTTING EDGE SIMULATION

(Curve Tomorrow, Holmesglen Institute, Swinburne University of Technology)

Jasper is a virtual reality program that optimises simulation training in the health sector, enabling students to be exposed to realistic work scenarios such as dealing with aggressive patients or resuscitating an infant. This project takes "life-like" scenarios to a whole new level.

NDIS WORKFORCE CAPABILITY PROJECT

(Future Social Service Institute, RMIT University)

This project uses a co-design process to develop resources that map to units of competency in the Certificate III in Individual Support (specialising in disability and ageing). It uses digital blended delivery, and offers micro-credentials for learners.

ADVANCED INTERACTIVE RAIL LEARNING

(Metro Trains Melbourne, PTV, Melbourne Metro Rail Authority)

Virtual reality, computer gaming and cognitive neuroscience have all been used in this futuristic program to improve how train drivers are trained. The interactive learning design places trainees in an immersive environment and allows training techniques to keep pace with rapidly evolving rail network technology.