



STEM Education across the lifespan: WSU Engagement and Research

Hosted by WSU

Education and Work Research Theme and the Centre for Educational Research

This session invites WSU researchers to contribute to improving STEM education in Western Sydney

- Learn about WSU's initiatives to improve STEM education through research and engagement, and how you can become involved
- Meet and share your research and engagement ideas with colleagues from across WSU who are interested in improving student engagement, participation and achievement in STEM in early childhood, primary and secondary school, vocational education and training, higher education and in the workforce.

Date: Tuesday 20th April 2021 10am-12 noon

Register [here](#)

Prior to the event, you will receive the zoom ID and password

10:00-10:05	Welcome and Acknowledgement of Country Associate Professor Danielle Tracey (Research Theme Champion, Education and Work)	
10:05-10:15	STEM+ Curriculum and Pedagogy Professor Simon Barrie DVC & Vice-President, Academic	
10:15-10:25	STEM across Western and through the lifespan Professor Kate Stevens Director, MARCS Institute for Brain, Behaviour & Development Pro Vice-Chancellor STEM	
10:25-10:35	Deep engagement: pursuing the trust project Professor James Arvanitakis Pro Vice-Chancellor (Engagement & Advancement)	
10:35-10:45	What does the research tell us about improving STEM Education? Professor Kathryn Holmes Associate Dean of Research, School of Education Director, Centre for Educational Research	
10:45-10:55	Quick Stretch	
Break Out Sessions		
10:55 -11:30	1: Gender and STEM <i>Chair: Dr Kieryn McKay, SAGE Project Coordinator</i>	2: Outreach to educational settings (e.g. schools, early childhood centres) <i>Chair: Lindsay Crump, Director Future Student Engagement</i>
	3: STEM teaching across the University <i>Chair: Professor Kathryn Holmes</i>	4: Linking to industry for innovation and work-place readiness <i>Chair: Professor Kate Stevens</i>
11:30-12:00	Reports from Chairs of breakout sessions (5 min each) Plenary Closing Remarks (10 min) Associate Professor Danielle Tracey	