

## ***STEM Education and Industry: Crossing the Boundaries***



**Presenter: Dr Carol Aldous**

Project leader STEM Industry Engagement: Bridging the Gap  
College of Education, Psychology & Social Work  
Flinders University

Dr Carol Aldous discusses the impact of a university-industry engagement undertaken by pre-service teachers of secondary science and its effect on students in schools. The project entitled *Bridging the Gap: Connecting science education with the real world* enabled 36 pre-service teachers to cross the boundaries between the worlds of teacher education and industry through three short industry placements before undertaking their final teaching practicum. The project's impact on student teachers was assessed by focus group interview and questionnaires administered before and after the industry visits. The impact upon secondary students was examined using the OECD's Programme for International Student Assessment (PISA) 2006/2015 science attitudes, engagement and motivation inventory before and after the teaching practicum.

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**WHEN:** Tuesday 30 April 2019, 7:00 - 8:30pm

**WHERE:** ACER Adelaide Office  
186B Pulteney Street, Adelaide SA 5000  
*Nearest Parking: Flinders Street (metered parking, free after 6pm)*

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