

# GIRLS IN PHYSICS BREAKFAST FRI, 3rd MAY



Science in the Antarctic: Where can STEM take you?

*Studying science can be a route to an exciting and rewarding future, but how do you translate an interest in science in high school into a fulfilling career, and how do you choose from the variety of options in front of you?*

*In this talk I'll use my career path and experiences as an example of the range of opportunities that a scientific career can bring, and will introduce a different way of approaching decision making. I'll also focus in on my learnings from a recent expedition to Antarctica, both in terms of women in leadership & polar science. As well as more traditional climate research, learn about how new materials & advanced mechatronics have enabled Antarctica-based scientists to lead the way in renewables, automated systems, and structural engineering.*

Dr Ellen Moon is a lecturer in environmental engineering at Deakin University in Geelong. She also develops sustainable remediation strategies for land and water contaminated with heavy metals. Ellen completed her PhD in geochemistry at the University of Southampton (UK) in 2012. She moved to Australia in 2011 and since then has worked in both commercial and academic settings. Her work has taken her to all seven continents, including a voyage to Antarctica in 2018 as part of the Homeward Bound initiative. She was recently named one of Science & Technology Australia's "Superstars of STEM" for 2019-2020.

*This event is sponsored by the Laby Foundation, Vicphysics Teachers' Network, the Victorian Branch of the Australian Institute of Physics, the School of Engineering at Deakin University and supported by Royal Society of Victoria.*

*'Science in the Antarctic:  
where STEM can take you?'*

with Dr Ellen Moon,  
Deakin University

And ... have breakfast with young women in the early stages of a career in physics or engineering.

*'I was talking to a guest at my table and her career sounded so amazing. Then I realised that in 8 years that could be me. I got so excited.'*

Then, do two activities on careers in STEM.

To sign up, see \_\_\_\_\_

Cost: \$15 Max: 12 students

Novotel Geelong  
10 - 14 Eastern Beach Rd

7:30am - 10:00am

