



# 16<sup>th</sup> SGA BIENNIAL MEETING

## Plenary Discussion Session

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## Student Discussion Session

Organized by **Michael Gazley, PhD**

*Principal Geochemist and General Manager Geoscience at RSC*

This session features a discussion session between Michael Gazley, Lauren Farmer and Stephie Tay who will talk about some of the challenges of students entering the minerals industry and some of the solutions to those challenges. Recently, as part of an AusIMM initiative to drive engagement with the university students, Lauren and Stephie recorded videos to explain what they do in their roles and how they got to where they are today. We will play these videos to set the scene for the session. The panel will also answer questions submitted by attendees via the conference platform.

### Format

One-hour duration, with a short introduction from the moderator Michael Gazley followed by 30-40 minutes of panel discussion (2-3 panel members) based on questions relating to the topic, and lastly, 10-20 mins of open Q&A.

**Date and time:** Monday 28 March, 15:00 – 16:00 New Zealand date and time

**Further information:** email Michael Gazley at [m.gazley@rscmme.com](mailto:m.gazley@rscmme.com)

### Guest Panel:



#### **Lauren Farmer, PhD** (Geologist @ Reefton Gold)

Lauren completed her undergraduate and Masters's degree at the University of Southampton before emigrating to New Zealand to complete a PhD at the University of Otago. Her research focussed on the relationship between gold and tungsten mineralisation within the Otago Schist Belt. Since graduating, she has worked as a geological consultant on a number of exploration projects before starting her current role as Principal Geologist for Reefton Gold Limited, a junior exploration company operating on the West Coast of New Zealand. She was recently awarded the New Professional of the Year (2022) by the Australasian Institute of Mining and Metallurgy for her work on the Reefton Goldfield.

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**Stephie Tay, MSc** (Geologist @ RSC)

Stephie holds an MSc in Geology from the University of Otago, Dunedin, New Zealand. Her thesis examined the characterisation of placer rare earth minerals on the West Coast of New Zealand. After leaving university, Stephie worked in tenement management and now works as a Project Geologist for RSC Consulting. She works closely with the Resource and Reserves, and Exploration Teams and has experience in a variety of terrestrial and marine deposits including orogenic gold, phosphate and polymetallic nodules. She is the first author of two peer-reviewed research papers. Stephie is RSC's internal and external pXRF radiation safety trainer.



**Michael Gazley, PhD** (Manager @ RSC)

Michael is the Principal Geochemist and General Manager Geoscience at RSC. He has worked globally on many different mineral systems including orogenic Au, epithermal Au, placer Au, shear-hosted Cu, IOCG, Cu-Au porphyry, Pb-Zn-Ag deposits, Li and REE pegmatites, and heavy mineral sands. He is the author of more than 35 peer-reviewed journal papers with a focus on applied geochemistry, metamorphism, and economic geology. Michael uses and develops cutting-edge data handling and machine learning techniques to maximise value from geochemical, mineralogical, and remote-sensing datasets. He currently manages a multidisciplinary team of geoscientists who work to solve a range of geological challenges in a wide variety of commodities.

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