**STEM Career Panel Session: 8th March 2018**

**Kathy Ehrig**

*Current job title: Principal Geometallurgist*

* BSc Geology - California State University, PhD Geology – University of California Berkeley
* Worked for the US Navy searching for geothermal energy in the Western USA, Hawaii, Alaska, Guam
* Didn’t start my PhD until I was 30 years old
* Moved to Olympic Dam in 1992 to provide mineralogical support to the process plant and work on unravelling the genesis of one of the world’s greatest ore deposits
* Significant engagement with universities, currently co-supervising 9 PhD students. Manage large R&D programs.

**Amanda Weir**

*Current job title: Head of Geoscience and Resource Engineering*

* At high school, no-one told me what engineering was so I started studying Commerce at Adelaide University. I rapidly realized that wearing business clothes to university at 20 was not my idea of fun so I went in search of a more hands on career.
* A trip to the Naracoorte caves piqued my interest in geology and I went on to study Applied Geology and Mining Engineering at the University of South Australia.
* Early in my career, working at various mines around Australia, I got to work as a hands on miner, an underground supervisor and a mine planning engineer.
* My career in mining has taken me to some of the most amazing places of natural beauty around the world.
* Now I love not only solving problems and developing strategies for Olympic Dam’s future but also helping the next generation of mining professionals make their way.

**Karen Beck**

*Current job title: Specialist Cost and Project Integration*

* Wanted to be a forensic scientist
* BSc (Hons) major Botany – graduated when there were very few science jobs (1989)
* Found that research and analytical thinking skills plus ability to write well equalled opportunity in a range of areas
* Moved from research to operational HR to project services in policing, defence, construction and mining arenas
* Over 30 years, used research skills (not just specific technical knowledge) to have a varied and interesting career

**Diane Djotaroeno**

*Current job title: Principal Change Management*

* Followed in grandfather’s and father’s footsteps into the mining industry in Suriname
* Mining Engineer turned into a Geologist
* I’ve had the opportunity to travel and work in Australia, Suriname, Peru, Chile, Brazil, USA, South Africa, and Switzerland
* Have experience in exploration planning and drilling, geological data management and modelling, exploration, resource and mine geology, resource estimation and resource governance
* I have worked with people across the globe that have different backgrounds, skill sets and experience levels

**Michelle Smith**

*Current job title: Senior Database Geologist*

* BSc Geology, MSc Mining Geology (UK)
* Junior Geologist / Field Geologist in New Zealand, then Exploration Geologist, Victoria, Australia
* Post-graduate studies in Software Development @ Swinburne Uni – employed as software developer for Risk Engineering company for several years
* Now maintains and improves various Geoscience datasets for Olympic Dam, utilising both Geological and IT skills
* Passionate scuba diver, even in the waters off of Antartica.

**Julia Warder**

*Current job title: Principal Metallurgist – Project Integration, Heap Leach Development*

* BSc (Chemistry & Extractive Metallurgy) Murdoch University; MSc (Metallurgical Engineering) JKMRC; University of Queensland, MBA Monash University
* Graduated in a recession. Worked as a laboratory analyst & metallurgical technician for first 4 years of career. Good hands on experience.
* Have worked in the chemical / mining industry for 35 years in a number of commodities; i.e. superphosphate manufacturing, diamonds, copper, nickel and gold.
* Significant part of career worked at mine sites. Sometimes in production roles, mainly in technical roles
* Enjoyed my years living in remote areas, meeting diverse people, and I learnt to scuba dive and fly a plane.

**Hanieh Nolan**

*Current job title: Engineer Planning*

* Bachelor’s degree in mining engineering from Iran
* Graduate time in Norseman Gold and Goldfields WA
* Drill & Blast Engineer in Goldfields WA, Angas Mine SA, Olympic Dam SA
* 5-year Planning Engineer
* Life-of-Asset Engineer

**Karina Martin**

*Current job title: Principal Health Analysis and Improvement*

* BSc with Biochemistry and Chemistry majors. Honours in molecular drug design to create novel antibiotics against Staphylococcus Aureus (Golden Staph).
* PhD in Proteomics to develop a detection method for early stages of ovarian cancer.
* 1 Year as a management consultant at Ernst & Young performing health system process improvement
* 2.5 years at BHP. Roles included Specialist Radiation & Regulatory Affairs.
* Volunteered at Science Alive and a program called Scientists in Schools to share my passion for science & learning. Love cross fit, running and reading.

**Krystelle Berry**

*Current job title: Principal Technology Partner*

* Chemical Engineering Degree
* Passionate about Science and Problem Solving
* Love travelling
* Worked across 4 different Mine sites in Australia as a Process Engineer, Metallurgist, Project Engineer.
* Currently working in Technology/Business field

**Katarina Veljaca**

*Current job title: Superintendent Operational Design*

* Degree qualified in Chemical Engineering and Science from the University of Adelaide
* Worked for BHP at Olympic Dam as a metallurgist in the Smelter for 3 years
* Transitioned into the BHP Technology team working on business analysis and IT strategy
* Have led small teams of professionals
* Currently working on a project to implement an integrated remote operations centre for Olympic Dam

**Becky Gallagher**

*Current job title: Principal Planning*

* Bachelor of Science with Honours in Geology from the University of Southern California (Research topic Biogenic Silica Burial rates in Cascadia Basin)
* Master of Science in Ore Deposit Geology from the University of Western Australia (Research focus: ore genesis at Mt Whaleback and trace element study); part time while working
* Commenced working with BHP in 2008 as a Graduate geologist, moved through various technical and leadership roles in BHP in exploration and Mine Geology
* Current role: leadership development role - Planner to Asset President at Olympic Dam
* Avid Crossfitter and enjoying this year’s CrossFit Open!

**Jacqui Rose**

*Current job title: Engineer Planning*

* Graduated with a MSc in Engineering Geology from University of Canterbury
* Over 9 years’ experience in the mining industry working predominantly as a Geotechnical Engineer
* Through Graduate Program rotations and short term secondment opportunities also has experience in HSE, Risk & Governance and Operational roles
* Currently working as a Senior Medium Term Planning Engineer at Olympic Dam

**Tara McNichol**

*Current job title: Senior Exploration Geologist*

* Started BHP Graduate program in Coal QLD, role in Exploration
* Took an Engineering Production role in Coal Quality
* Transferred to Nickel West (WA) to get hard rock experience in Exploration
* Transferred to Olympic Dam (SA) Exploration role
* Currently part of the Global Copper Exploration team

**Alice Taysom**

*Current job title: Specialist Environment Analysis & Improvement*

* Grew up in country Victoria, moved to Melbourne to study
* Bachelor of Science with a PhD in ornithology
* During my PhD, I worked as a research assistant in the ornithology field
* Worked in construction as an environmental advisor prior to moving to the mining industry
* Currently work as a biodiversity specialist at BHP