

Leading the way in employability: pathways into Western Australia's liquefied natural gas (LNG) industry

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16th October 2019

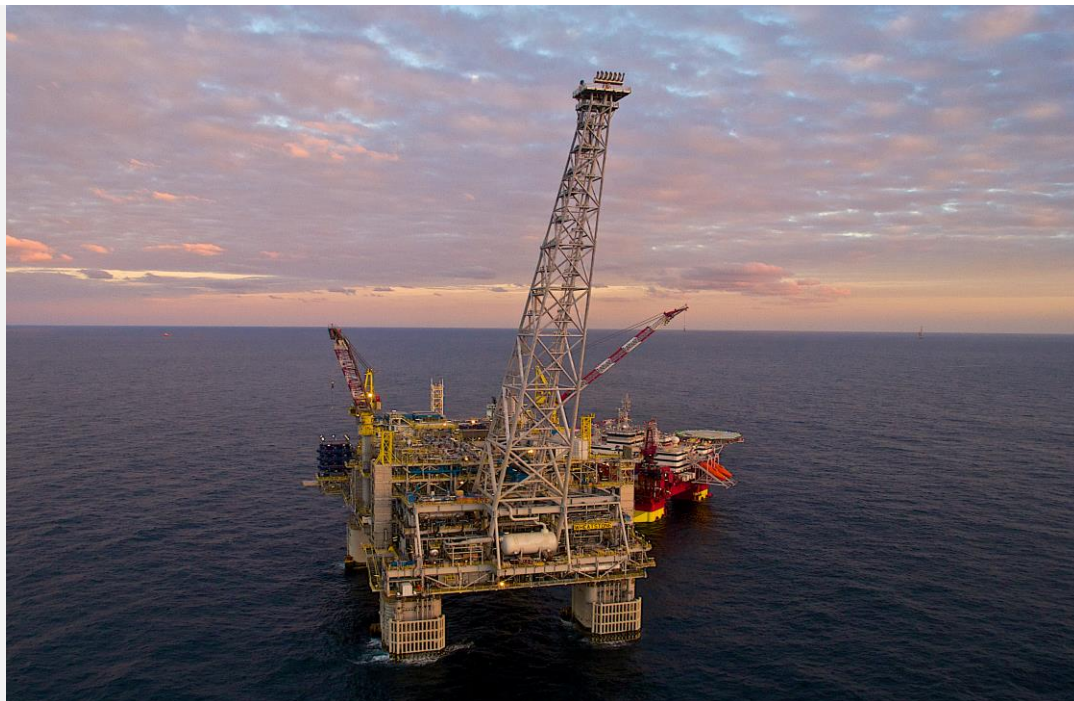


Chevron's Presence in Western Australian

Gorgon

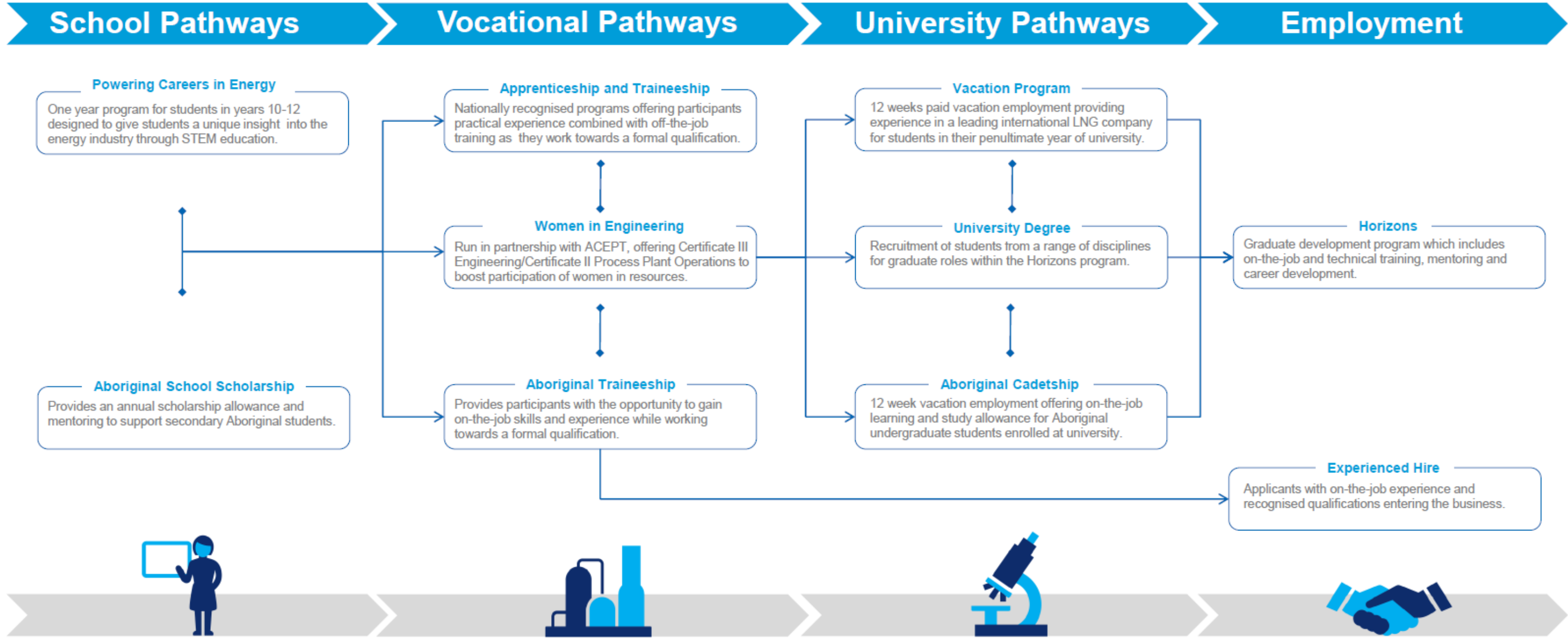


Wheatstone



Chevron's Education to Employment Plan

Investing in our future talent pipeline by creating education to employment pathways through partnerships with schools, vocational training providers and universities



University Pathways: Vacation Program



- 12-week vacation employment program
- 12 week vacation Aboriginal cadet program
- Individual assignments
- Professional engineering supervisors
- Professional network development
- Problem solving techniques demonstrated
- Graduates typically selected from vac students.

University Pathways: 'Horizons' Graduate Program



- Available to graduates with < 5 years experience
- 5-6 yr competency-based program
- Provides technical training and mentoring
- Work on 2 of the largest LNG projects in Australia
- We select high performing students from:
 - ❖ Corporate affairs
 - ❖ Drilling & completions
 - ❖ Earth science
 - ❖ Facilities engineering
 - ❖ Finance
 - ❖ Health, environment & safety
 - ❖ Human resources
 - ❖ Information systems
 - ❖ Legal
 - ❖ Petroleum engineering
 - ❖ Supply chain management



Recent UWA Professorial Chairs Sponsored by Chevron

Chevron Chair in Gas Process Engineering (in perpetuity)

Purpose:

- Improve efficiencies in gas extraction and conversion



Prof. Eric May

Outcomes:

- Highly qualified academics retained in WA
- The Australian Centre for LNG Futures established
- Gas process engineering program in place.
- Attracted talented local and international students
- Supports WA becoming a Centre of LNG Excellence
- Industry understanding expanded

Chevron / Woodside Chair in Long Subsea Tiebacks

Purpose:

- Long subsea tiebacks will likely underpin future LNG developments
- R&D will further develop WA as an LNG knowledge hub



Prof. Zach Aman

Outcomes:

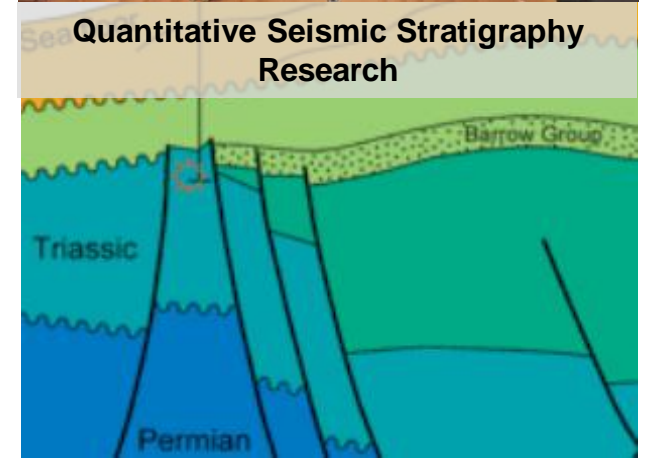
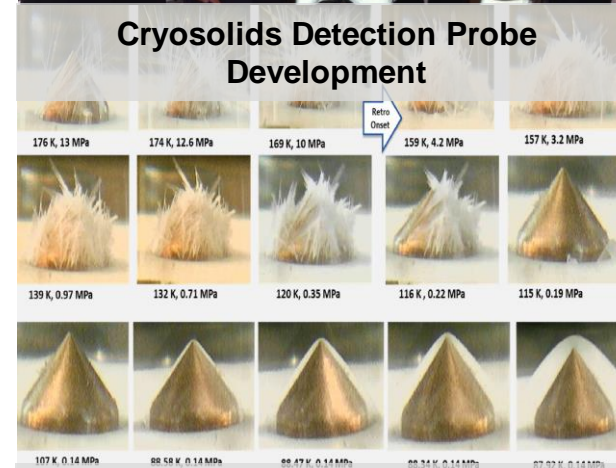
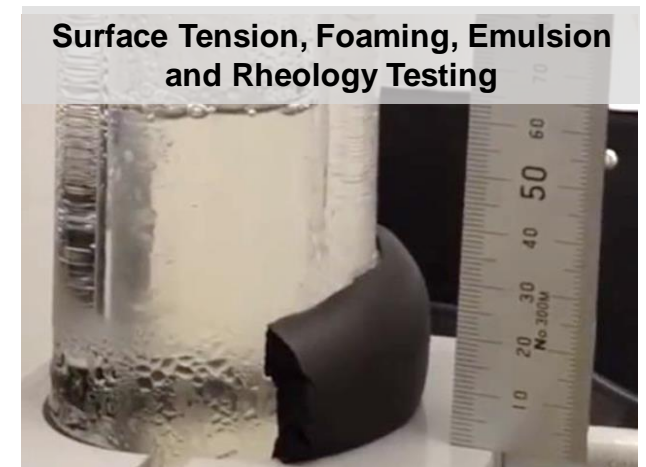
- Development of the Centre for Long Subsea Tiebacks
- Better understanding of hostile deep-sea conditions
- Expertise will support WA's competitiveness in O&G production
- Enhance the economic feasibility of offshore prospects

Western Australian Energy Resource Alliance (WA:ERA)

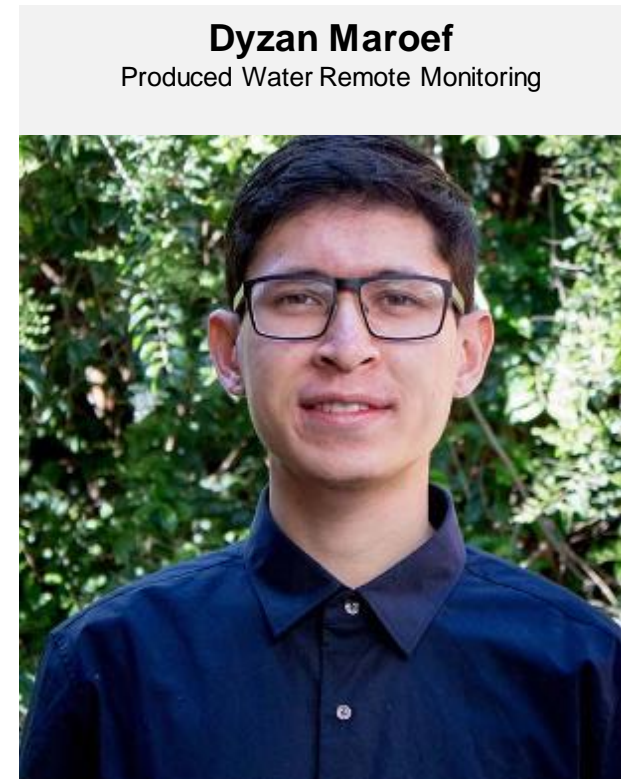
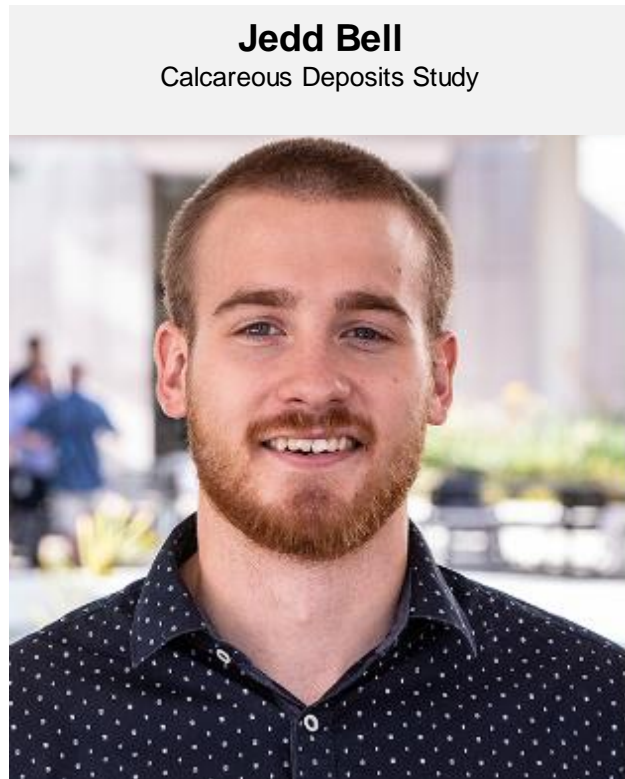
- Alliance has existed since 2005
 - Chevron, Woodside, and Shell (Operators)
 - UWA, Curtin, and CSIRO (Research Organisations)
- Confidential sharing of industry problems with researchers
- Development of research scopes of work
- > 40 WA:ERA projects have been undertaken between Chevron and UWA since 2007.

Benefits:

- Industry benefits from world-class academic knowledge
- Academics benefit in accessing real-life industry problems.
- Industry / Academic alignment attracts government funding
- Students benefit from experience working on industry problems before entering the workforce



Co-operative Education for Enterprise Development (CEED)



- Research projects sponsored by business, government, and not-for-profit enterprises.
- Open to local and international students
- Industry-based projects have a strong business-value.
- Competitive process with potential candidates for a project interviewed and ranked.
- CEED students have access to an academic supervisor and an industry co-supervisor.
- In 2018/19 Chevron has sponsored 3 CEED projects with UWA



WA Premier's Science Award: "Chevron Science Engagement Initiative of the Year" Prize

- Recognises the achievements of WA scientists
- Chevron sponsors the "Chevron Science Engagement Initiative of the Year"

"an initiative that has made outstanding contribution to community awareness, interest and/or participation in science in WA"

- Other industry supporters: ExxonMobil, Shell, & Woodside
- Supported by UWA, Curtin, ECU, Murdoch, & Notre Dame.
- Winners are ambassadors promoting science locally, nationally, and globally.
- Industry celebrates and rewards local excellence in scientific research and education.



Kirsten Gottschalk from Astrofest (joint 2019 winner) accepts the Chevron Science Engagement of the Year Award from Chevron Technology Manager Peter Korsen



Diana Rosman from Perth Observatory (joint 2019 winner) accepts the Chevron Science Engagement of the Year Award from Chevron Technology Manager Peter Korsen



Representatives from Perth Observatory and Astrofest with Science minister Dave Kelly



Minister for Science Dave Kelly with the 2019 Premier's Science Awards winners, finalists and Hall of Fame Inductee

