Science pathways for ANZIAM

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Acknowledgements

Early / Mid Career Researcher Forum of the Australian Academy of Science

Australian National University

NECTAR.
Science Pathways 2013 meeting

National meeting of the EMCR Forum of the Australian Academy of Science.

Held at AMREP Education Centre in Melbourne, 17-18 October 2013.

Theme: *engaging with industry and innovation*.

154 delegates:

- Mostly early-mid career researchers, also Fellows of the Academy, industry and Government representatives.
Some issues mentioned by Australia’s Chief Scientist Ian Chubb and other attendees:

- Too few academic positions for the number of trained science PhDs in Australia.

- Most scientific researchers in Australia work in academia rather than industry.

- Still a perception in industry that PhD graduates are not “job ready.”

- Early career academics find it difficult to identify and approach potential industry partners.
Science Pathways 2013 meeting: outcomes

EMCR Forum goals for 2014:

1. Establish state-based EMCR groups to coordinate networking events.

2. Design a web resource/website with potential industry partners, mentors, skills required, events, funding available and ALUMNI.

3. Distribute the Postdoc training position paper and survey results.

4. Coordinate a one-day workshop in 2014 on either Science Communication or Business Skills for Researchers.
ANZIAM NSW/ACT opportunities

1. Help set up / liaise with a NSW/ACT EMCR group or groups.
   ▶ Create and sustain a dialog on how to engage with industry, how to create post-academic careers in scientific research.

2. Host new NSW/ACT industry networking events, or advertise existing events.

3. Present models and case studies of engagement with industry, including AMSI Intern, MASCOS, CRCs, Linkage.
   ▶ Create or point to resources for the EMCR web site, including videos of case studies and presentations.
   ▶ Emphasise opportunities, practicalities and career paths for early career academics in the sciences, including mathematics and statistics.