

Cara Danis-Jacques

Early Achievement Award Melbourne August 2013

CITATION

The Early Achievement award has only been awarded one other time since its inception in 2007. Its purpose is to acknowledge significant contributions to the profession at an early stage in a person's career by way of publications in *Exploration Geophysics* or similar reputable journals.

The Early Achievement award is made this year to Cara Danis-Jacques. Cara, at a relatively young age has published two papers in *Exploration Geophysics* and another four in the *Australian Journal of Earth Sciences*, all during or immediately following her PhD. Her two papers in *Exploration Geophysics* are respectively the 5th and 6th most read papers in that journal showing that she is very effectively communicating her research findings.

Cara gained a high First Class Honours for her undergraduate degree at Macquarie University in 2007. During this time she was awarded two academic prizes, one for 'Best Performance in Geophysics' and the other for 'Best Performance in the Study of Natural Hazards'. Cara was also awarded the DI Groves Medal in 2012 for Best Paper by a Young Author in *Australian Journal of Earth Sciences*.

Cara completed a PhD at Macquarie University in 2012, submitting a thesis entitled "The Thermal Structure of The Sydney Gunnedah Bowen Basin Eastern Australia". Cara's publications, either solely or with others, are not only on the topic of her PhD but also on the implication of 2.5D structure to retrograde metamorphism and the geothermal state of the Sydney Basin. They thus show a breadth as well as depth to her interests.

Cara has presented her work at conferences both in Australia and overseas, including the ASEG conferences in Sydney in 2010 and Brisbane in 2012, the Groundwater 2010 conference in Canberra, as well as International conferences such as the AGU conference held in San Francisco in 2010. In 2010, Cara won the 'Best Student Presentation' at the Sydney ASEG conference.

Cara is a dynamic young scientist, who has already developed an excellent track record and it is hoped that gaining this award will encourage her to forge an outstanding career in exploration geophysics. Cara is a most worthy recipient of the ASEG Early Achievement Award.