



## Adam R. Nordsvan

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### Brief Summary

My PhD research is focused on the Paleo – to Mesoproterozoic supercontinent Nuna and how NE Australia fits within current reconstructions. The aim of the project is to utilise sedimentology and basin analysis to understand the tectonic evolution of the NE Australian Proterozoic Mt. Isa and Georgetown inliers, and with detrital zircon geochronology I'm hoping to aid in refining the reconstructions of Nuna. I'm also interested in how sediments are deposited; what sediments are preserved and how sediment deposition has changed throughout earth's history.

**Education:** 2014 BSc with first class honours from the University of Newcastle

**Research interests:** Sedimentology, sequence stratigraphy and supercontinent reconstructions

**Thesis title:** Sedimentology and Provenance of the NE Australian Proterozoic Basins to Understand the Supercontinent Nuna

**Supervisors:** Prof. Z.X Li, Prof. Bill Collins, Dr. Amaury Pourteau and Dr. Chris Spencer

### Conferences:

2014 - Facies Analysis and Stratigraphy of the Carboniferous Myall Trough, East Australia.  
AESC, Newcastle, Australia

2016 - Testing the Australia-Laurentia connection in Nuna: new constraints from zircon provenance results.  
ACTER – Xian, China  
GSA-WA student talk – Perth, Australia

2017 -Laurentian provenance of the Proterozoic Georgetown Inlier.  
Rodinia 2017, Townsville, Australia