

# Alastair Williams

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## *EDUCATION*

2006 HSC  
Killara High School

2012 Bachelor of Science – Geology  
Macquarie University

2013 – Present. Currently enrolled in a Bachelor of Philosophy/Masters of Research Macquarie University in Earth and Planetary Sciences

## **EMPLOYMENT**

**2014-present**

**Currently looking for Employment as a geologist/Geochemist**

**2011-2013**

Research Officer - Macquarie University Department of Earth and Planetary Sciences.

- Set up laboratories and laboratory equipment for class use
- Cataloguing of display, teaching and research rock specimens
- Organisation and storage of research and bulk teaching samples
- Rock machining and sample preparation

## **VOLUNTARY EXPERIENCE**

- Chemistry for kids – Assisting high school children to perform easy and fun experiments with common reagents from around the house. Run by

Macquarie University on campus and on location of high schools around Sydney.

- Open day volunteer with the Department of Earth and Planetary Sciences. Helping kids to pan for sapphires and rubies from sand and talking to children about display rocks and crystals at Macquarie University
- Volunteer helping with research and cataloguing/storage of research samples with the Department of Earth and Planetary Sciences at Macquarie University.
- Volunteer in the University thin section labs. Responsible for cutting, preparing and mounting samples on slides and making them into thin sections and polished blocks for analysis.
- Mentor for new MRES students – providing support and advice for students entering into the MRES program

## TRAINING/COURSES

- Senior first aid
- Responsible service of alcohol
- Responsible conduct of gambling
- OH&S green card
- Bronze medallion
- NSW drivers licence
- Chemical safety induction

### Undergraduate courses completed:

- |           |                                  |             |
|-----------|----------------------------------|-------------|
| • PHIL137 | Critical Thinking                | Credit      |
| • STAT170 | Introductory Statistics          | Distinction |
| • PHYS149 | Physics for Technology           | Credit      |
| • CBMS102 | General Chemistry                | Pass        |
| • CBMS103 | Organic and Biological Chemistry | Credit      |
| • CBMS204 | Organic Synthesis                | Pass        |
| • BIOL114 | Evolution and Biodiversity       | Credit      |
| • BIOL115 | The Thread of Life               | Pass        |
| • BIOL245 | Tropical Marine Ecosystems       | Distinction |
| • BIOL261 | Palaeontology                    | Credit      |
| • BIOL379 | Reef Evolution and Dynamics      | Credit      |

- GEOS125 Earth Dynamics Credit
- GEOS205 Introduction to Geophysics Credit
- GEOS206 Marine Depositional Environments Pass
- GEOS207 Field and Laboratory Studies in Geoscience High Distinction
- GEOS226 Introduction to Field Geology Credit
- GEOS251 Minerals, Energy and the Environment Distinction
- GEOS306 Exploration Geophysics Credit
- GEOS307 Field Geology and Mapping Credit
- GEOS309 Liquid Fuels and Energy Security:  
An Introduction to Basin Analysis Pass
- GEOS337 Geochemical Applications and Techniques Credit
- GEOS343 Magmas, Ores and Geochemistry Distinction
- GEOS344 Structural and Metamorphic Geology Credit
- GEOS373 Volcanic Geology Fieldwork Credit
- GEOS375 Environmental Geology Distinction

#### **Postgraduate courses completed:**

- MRES700 Research Communications Credit
- GEOS700 Research Frontiers: Advances in Earth  
and Planetary Sciences High Distinction
- GEOS704 Readings in Geoscience High Distinction
- GEOS707 Research Project 1 Distinction
- GEOS706 Advanced Field Techniques 2 Pass
- GEOS708 Research Project 2 Distinction
- GEOS710 Special Topics in Geochemistry 1 Distinction
- GEOS711 Special Topics in Geochemistry 2 High Distinction

## **PROFESSIONAL AFFILIATIONS**

- Geological Society of Australia (GSA)
- Petroleum Exploration Society of Australia (PESA)
- Australian institute for minerals and mining (AUSIMM)
- Sydney Minerals Exploration Discussion Group (SMEDG)
- Macquarie University Geoscience Society (Student Group Leader)

## **REFEREES**

Dr Sandra Piazolo  
(Masters Supervisor)  
ARC future fellow  
Department of Earth and Planetary science  
Macquarie University  
[Sandra.piazolo@mq.edu.au](mailto:Sandra.piazolo@mq.edu.au)

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