

DOMINIC COLLEGE HALL OF ACHIEVEMENT

ACADEMIA



Dr Alison Magill: Dominic College 1990-1994

Alison loved science from her early years as a teenager at Dominic College, recalling with fondness her Science teachers' ability to blow up and transform matter in the laboratory and excite their students.

Alison completed her BSc with first class Honours, followed by her Doctor of Philosophy (Chemistry) in 2005, awarded for a thesis titled "Synthesis and Decomposition of Methyl-Palladium (II) N-Heterocyclic Carbene Complexes." She has worked at the University of Tasmania, the University of Sydney and the University of NSW, where she continued as a Postdoctoral Research Associate and then Senior Research Associate until 2015.

As well as her research, Alison has delivered lectures to undergraduate students, supervised postgraduate students, authored peer-reviewed manuscripts, supervised laboratory installations and organised symposiums.

Her work has involved processes of making chemicals which combine metals with organic fragments, then using these compounds to break apart carbon dioxide and nitrogen, to help research global warming solutions and create more energy-efficient fertilisers for a hungry planet.

