

RACHEL CLARE WILLIAMS

CURRICULUM VITAE

EDUCATION

Postdoctoral Researcher, 2016-Present
Duke University, USA

PhD Biology, 2011 - 2015
Lancaster University, UK

MS Assistantship, Biology, 2010 - 2011
Texas A&M University, Corpus Christi, USA

BSc (Hons; first class) Animal Conservation Science, 2007 - 2010
University of Central Lancashire, UK

PUBLICATIONS AND PRESENTATIONS

Williams RC, Jackson, BC, Duvaux, L, Dawson, DA, Burke, T, Sinclair, W (2015) The genetic structure of *Nautilus pompilius* populations surrounding Australia and the Philippines. *Molecular Ecology* **24** 3316-3328

Williams RC, Dawson DA, Horsburgh GJ, Sinclair W (2015) Isolation and characterisation of microsatellite loci for the ancient cephalopod, *Nautilus pompilius*. *Conservation Genetics Resources* **7** 107-111

Williams RC, Newman J, Sinclair WS (2012) DNA Barcoding in *Nautilus pompilius* (Mollusca: Cephalopoda): evolutionary divergence of an ancient species in modern times. *Invertebrate Systematics* **26** 548-560

2015 "The genetic structure of *Nautilus pompilius* populations surrounding Australia and the Philippines" Population Genetics Group oral presentation, Sheffield, UK

2013 "Evolutionary divergence in an ancient species: *Nautilus pompilius*." Marine Biological Association Postgraduate Conference oral presentation, Aberystwyth, UK [Winner of best oral presentation]

2013 "Population structure of the cephalopod *Nautilus pompilius* among Australian reefs and isolated seamounts." University of Sheffield Molecular Ecology Group oral presentation, UK

2012 "*Nautilus* – a living fossil." Oral presentation on board the collection research vessel, Australia

2012 "Conservation issues for *Nautilus pompilius*: separation and speciation." European Congress of Conservation Biology Conference oral presentation, Glasgow, UK

2010 "Genetic analysis of hybridization between Mohave tui chub (*Siphateles bicolor mohavensis*) and arroyo chub (*Gila orcutti*)." Desert Fishes Council conference oral presentation, Moab, USA

FUNDING AND AWARDS

2015 British Council Marine Science and Technology work shop, Terengganu, Malaysia (fully funded)

2013 Genetics Society training grant (£944.00)

2013 Best Oral Presentation (Marine Biological Association Postgraduate Conference, Aberystwyth)

2012 Natural Environment Research Council (NERC) grant (£23,992.00)

2011 Lancaster studentship grant (£37,800.00)

POLICY AND OUTREACH

- IUCN red list assessments for *Nautilus* with Cephalopoda co-ordinator, Dr Louise Allcock
- Presented conservation education talks to divers in east Australia
- Volunteer for National Science Bowl, Corpus Christi, Texas
- Volunteer for North Carolina Museum of Natural Sciences
- Team member setting up research and resource management for continuation by local communities in west Africa