

# RACHEL CLARE WILLIAMS

## CURRICULUM VITAE

### EDUCATION

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#### 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

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**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

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**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

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- 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