

LAURA RICHARDSON

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[Centre of Excellence web profile](#) : [Research Gate](#) : [Google Scholar](#)

QUALIFICATIONS

PhD Ecology and Evolution, Natural and Physical Sciences <u>'Influence of coral community composition on coral reef ecological structure and function'</u> ARC Centre of Excellence for Coral Reef Studies James Cook University, Australia <i>Prof Nicholas Graham, Dr Andrew Hoey, Prof Morgan Pratchett</i>	Expected submission: Jan 2018
MSc Marine Environmental Protection Bangor University, UK <i>Prof John Turner, Prof Michel Kaiser</i>	2009-10 GPA: HD (80%) Thesis: 90%
B.A. (Hons) Social Anthropology with Development Studies University of Sussex, UK <i>Prof Elizabeth Harrison</i>	2000-03 2:1 (Hons)

AWARDS

James Cook University Postgraduate Research Scholarship (PhD)	2014-17
National Environment Research Council (NERC) Scholarship (MSc)	2009-10

RESEARCH GRANTS

Higher Degree by Research, ARC Centre of Excellence and JCU (AUD 1555.00)	2016
Higher Degree by Research, ARC Centre of Excellence and JCU (AUD 1660.00)	2015

TRAVEL GRANTS

Fisheries Society of the British Isles (FSBI) (GBP 1000.00)	2017
Fisheries Society of the British Isles (FSBI) (GBP 1000.00)	2016
Australian Coral Reef Society (AUD 500.00)	2016
ARC Centre of Excellence Travel Bursary (AUD 1000.00)	2016

JOURNAL ARTICLES

- Richardson L**, Graham N, Hoey A (2017) Cross-scale structural complexity driven by coral species composition on tropical reefs. *Scientific Reports* doi:10.1038/s41598-017-08109-4
- Richardson L**, Graham N, Pratchett M, Hoey A (2017) Structural complexity mediates functional structure of fish assemblages among coral habitats. *Environmental Biology of Fishes* doi:10.1007/s10641-016-0571-0

NON-REFEREED PUBLICATIONS

- Turner J, McCoy C, **Richardson L**, Mortimer C (2014) Darwin post-project EIDPO045: Assuring engagement in Cayman's enhanced marine protected area system. 1st Annual Report.
- Turner J, **Richardson L**, McCoy C (2013) Project 18-016: Darwin Initiative to Enhance an Established Marine Protected Area System, Cayman Islands. Final Project Report.
- Turner J, **Richardson L**, McCoy C (2012) Project 18-016: Darwin Initiative to Enhance an Established Marine Protected Area System, Cayman Islands. 2nd Annual Report.
- Turner J, **Richardson L**, McCoy C (2011) Project 18-016: Darwin Initiative to Enhance an Established Marine Protected Area System, Cayman Islands. 1st Annual Report.
- Meier R, McCoy C, **Richardson L**, Turner J (2011) Quantifying the impact of recreational and artisanal fisheries, in the Cayman Islands, through the use of socio-economic questionnaires. Darwin Project Interim Report.
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CONFERENCE PRESENTATIONS

Richardson L, Hoey A, Graham N (2017). Cross-scale habitat structure driven by coral species composition on tropical reefs. Oral presentation at the Australian Coral Reef Society (ACRS) 90th annual meeting, Townsville, Australia.

Richardson L, Graham N, Pratchett M, Hoey A (2016). Structural complexity mediates functional structure of fish assemblages among coral habitats. Oral presentation at Reef Conservation UK (RCUK) 19th annual meeting, London, UK.

Richardson L, Graham N, Pratchett M, Hoey A (2016). Structural complexity mediates functional structure of fish assemblages among coral habitats. Oral presentation at the International Conference for Reef Studies (ICRS) 13th annual meeting, Honolulu, Hawaii.

Richardson L, Hoey A, Pratchett M, Graham N (2015). Variation in the functional structure of fish assemblages among different coral habitats. Oral presentation at the Australian Coral Reef Society (ACRS) 89th annual meeting, Daydream Island, Australia.

Meier R, McCoy C, **Richardson L**, Turner J (2013) Impacts of recreational and artisanal fisheries, Cayman Islands, Caribbean. Poster presentation at the Gulf and Caribbean Fisheries Institute (GCFI) 66th annual meeting, Corpus Christi, USA.

Richardson L, McCoy C, Ebanks-Petrie G, Austin T, Olynik J, Byrne J, Turner J (2013) Cayman Islands Marine Protected Areas, enhancing a 27 year legacy. Oral presentation at the Gulf and Caribbean Fisheries Institute (GCFI) 66th annual meeting, Corpus Christi, USA.

Richardson L, McCoy C, Turner J (2013) Estimating marine reserve effects through quantification of macroalgal biomass on a central Caribbean coral reef. Poster presentation at the Gulf and Caribbean Fisheries Institute (GCFI) 66th annual meeting, Corpus Christi, USA.

Austin T, McCoy C, Ebanks-Petrie G, Turner J, **Richardson L** (2012) Marine Protected Areas effectiveness on reef fish assemblages; Cayman Islands. Oral presentation at the International Coral Reef Society (ICRS) 12th annual meeting, Cairns, Australia.

Austin T, McCoy C, Ebanks-Petrie G, Turner J, **Richardson L**, Hillyer K, Looker E (2012) Cayman Islands Marine Protected Areas, a 25 year legacy. Oral presentation at the International Conference for Reef Studies (ICRS) 12th annual meeting, Cairns, Australia.

McCoy C, Hillyer K, Turner J, **Richardson L** (2012) Coral reef resilience and the effect of Marine Protected Areas on bleaching, disease and compromised health. Oral presentation at the Gulf and Caribbean Fisheries Institute (GCFI) 65th annual meeting, Santa Marta, Colombia.

Turner J, McCoy C, Meier R, Austin T, Ebanks-Petrie G, **Richardson L** (2012) Impacts of recreational and artisanal fisheries, Cayman Islands, Caribbean. Oral presentation at the International Conference for Reef Studies (ICRS) 12th annual meeting, Cairns, Australia.

PROFESSIONAL SERVICE ACTIVITIES

Peer-review

Ecology and Evolution
ICES Journal of Marine Science

Society memberships

Australian Coral Reef Society (ACRS)
British Ecological Society (BES)
Australian Marine Science Association (AMSA)

Fisheries Society of the British Isles (FSBI)
International Society for Reef Studies (ISRS)

Committees

Co-chair student committee International Society for Reef Studies (ISRS) 2016-present
Co-chair student committee ARC Centre of Excellence for Coral Reef Studies 2015-present

PROFESSIONAL EXPERIENCE

Teaching assistant James Cook University, Australia BSc biology and evolution; MSc terrestrial and marine resource management	2015-17
Darwin Research Fellow (Project Support Officer) Bangor University, Cayman Islands Government, TNC; Cayman Islands 1. 2013-2014: Post-project EIDPO045: 'Assuring engagement in Cayman's enhanced marine protected area system' http://www.darwininitiative.org.uk/project/EIDPO045/ 2. 2010-2013: Project 18-016: 'Darwin Initiative to enhance an existing marine protected area system, Cayman Islands' http://www.darwininitiative.org.uk/project/18016/	2010-14
Teaching assistant Bangor University, UK BSc benthic ecology	2010
Other:	
Sales support, marketing, client liaison and general administrative assistant Victoria Hall Ltd., Gabelli Asset Management, and Ventura UK Ltd., London	2006-09
Human rights organisation volunteer , Peace Brigades International, London	2008-09
Corporate English language teacher , Vaughan Systems, Spain	2005-06
PADI Divemaster , Yellowsub, Tarifa and Novojet, Chiclana, Spain	2005-06
Marine conservation volunteer , Fundación Ecologica, Mexico	2004
Marine conservation volunteer , Coral Cay Conservation, Philippines	2000

SKILLS

R, Primer
PADI Dive Master (and enriched air)
Workshops and outreach organisation
Languages: English, Spanish

REFEREES

PhD supervisors:

Dr Andrew Hoey, Senior Research Fellow (DECRA), ARC Centre of Excellence for Coral Reef Studies, James Cook University, Townsville, Queensland 4811 Australia, andrew.hoey1@jcu.edu.au ; +61 (0)7 4781 5979

Prof Nick Graham, Royal Society University Research Fellow, Lancaster Environment Centre. Lancaster University, LA1 4YQ, UK, nick.graham@lancaster.ac.uk; +44 (0)1524 595054

Prof Morgan Pratchett, Professorial Research Fellow, ARC Centre of Excellence for Coral Reef Studies, James Cook University, Townsville, Queensland 4811 Australia, morgan.pratchett@jcu.edu.au ; +61 (0)7 4781 5747

MSc supervisor and Bangor University past employer (Darwin project PI):

Prof John Turner, Dean of Postgraduate Research, School of Ocean Sciences, Bangor University, Menai Bridge, Anglesey, LL59 5AB, UK; j.turner@bangor.ac.uk; +44 (0)1248 382881

MSc supervisor:

Prof Michel Kaiser, Chair of Marine Conservation Ecology, School of Ocean Sciences, Bangor University, Menai Bridge, Anglesey, LL59 5AB, UK; michel.kaiser@bangor.ac.uk; +44 (0)1248 383751