

Dr. Julia D. Sigwart

Associate Professor, Queen's University Belfast, Marine Laboratory

j.sigwart@qub.ac.uk / j.sigwart@berkeley.edu

Education and Training

INSTITUTION AND LOCATION	DEGREE	Dates	FIELD OF STUDY
Open University, UK	H. Dip.	2012-2015	Mathematical Statistics
Queen's University Belfast, UK	PG cert.	2010	Higher Education Teaching (PGCHET)
Queen's University Belfast, UK	Ph.D.	2004-2008	Thesis: 'Phylogeny and evolution of basal living chitons (Mollusca: Polyplacophora)' (part-time studies concurrent to full time work)
University of Victoria, Canada	B.Sc. (hon)	1999-2001	Biology & Mathematics (double major)

Positions and Employment

2009 - date Assistant / Associate Professor, Queen's University Belfast, Northern Ireland.

2009 - date Director / Associate Director, Marine Laboratory, Queen's University Belfast

2015 - 2018 Visiting scholar, University of California, Berkeley
research sabbatical, fully funded by EU Marie Skłodowska-Curie Global Fellowship

2016 - date Research associate, UC Davis, Bodega Marine Lab

2010 - date Visiting Lecturer, University College Dublin, Ireland.

2012 - 2015 Scientific Advisor, SeaGen project, Marine Current Turbines, UK.

Past positions

2003 - 2009 Museum Researcher, University College Dublin and National Museum of Ireland (Natural History), Dublin (bi-institutional joint appointment).

2001 - 2003 Scientific Assistant, American Museum of Natural History, New York.

2012 Visiting Lecturer, University of Washington (Friday Harbor Labs), USA.

Scholarly service

Editorial boards: *Palaeontology*, *Integrative & Comparative Biology*, *Journal of Natural History*

Elected council member / officer: Unitas Malacologica (2010-ongoing), International Society for Invertebrate Morphology (2011-ongoing)

Supervision of research students and postdoctoral fellows

Total: 3 Postdocs / 14 PhD / 5 MSc / 59 BSc research theses / 43 interns

Research Support (Major grants)

Total value of research grants awarded as PI (2003-date): £ 2,400,000 excluding marine station infrastructure projects; EU FP6, FP7 (InterReg), H2020, British Council, Science Foundation Ireland, Health Service Executive (Ireland)

Selected Recent Peer-reviewed Publications (from >70 peer-reviewed publications; student authors are indicated *) <http://scholar.google.co.uk/citations?user=FnW4YccAAA&hl=en&oi=ao>

1. C Chen, K Uematsu, K Linse, **JD Sigwart**. 2017. By more ways than one: Rapid convergence in adaptations to hydrothermal vents shown by 3D anatomical reconstruction of *Gigantopelta* (Mollusca: Neomphalina). *BMC Evolutionary Biology*. 17: article 62.
2. **JD Sigwart**, DR Lindberg. 2015. Consensus and confusion in molluscan trees: Evaluating morphological and molecular phylogenies. *Systematic Biology*. 64: 384–395.
3. N Carey*, **JD Sigwart**. 2014. Size matters: body size modulates responses to ocean acidification and temperature. *Biology Letters*. Article ID 10: 20140408
4. **JD Sigwart**, LH Sumner-Rooney*, E Schwabe, M Hess, G Brennan, M Schroedl. 2014. A new sense organ in basal molluscs (Polyplacophora: Lepidopleurida). *Frontiers in Zoology*. 11:7
5. MD Sutton, DEG Briggs, DJ Siveter, DJ Siveter, **JD Sigwart**. 2012. A Silurian armoured aplacophoran: implications for molluscan phylogeny. *Nature*. 490: 94–97.