

## **MS. MAEVE EASON HUBBARD**

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Department of Marine and Coastal Sciences, Rutgers University  
71 Dudley Road, New Brunswick, NJ, 08901, USA

Email: hubbard@marine.rutgers.edu  
Phone: +1 848-932-3267

## **EDUCATION**

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- 2009-Present**                      **DPhil**  
Department of Earth Sciences, University of Oxford, UK  
Thesis: Pyrenoids of the haptophyte algae  
Supervisors: Prof Rosalind Rickaby, Dr Renee Lee (University of Oxford)  
and Prof Jason Hall-Spencer (Plymouth University)
- 2007-8**                                **Bachelor of Science (Honours)**  
School of Botany, University of Melbourne, Australia  
Thesis: The development of a novel polymeric surface against marine  
biofouling  
Supervisors: Dr Richard Wetherbee and Dr Angus Johnson  
First Class Honours
- 2004-6**                                **Bachelor of Science**  
University of Melbourne, Australia  
Majors: Marine biology, Zoology  
First Class Honours
- 1998-2003**                        **Victorian Certificate of Education**  
University High School, Melbourne, Australia

## **ACADEMIC AWARDS**

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- 2009 - 2013**                      Clarendon Scholarship, University of Oxford  
Overseas Research Student (ORS) Award, University of Oxford  
James Fairfax-Oxford Australia Scholarship
- 2007 - 2008**                      University of Melbourne Honours Scholarship

## **RELEVANT EMPLOYMENT HISTORY**

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- 2014 - 2015**                      **Laboratory Practical Demonstrator**  
'Cell and Molecular Biology' undergraduate course  
Department of Earth Sciences, University of Oxford

2006 - 2009

**Research Assistant**

Phytoplankton Laboratory, School of Botany  
University of Melbourne, Australia

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PEER-REVIEWED PUBLICATIONS

Molino, P. J., Childs, S., **Eason Hubbard, M. R.**, Carey, J. M., Burgman, M. A., Wetherbee, R. (2009). Development of the primary bacterial microfouling layer on antifouling and fouling release coatings in temperate and tropical environments in Eastern Australia, *Biofouling*, **25**: 149 – 162

Willis A., **Eason-Hubbard M.**, Hodson O., Maheswari U., Bowler C., Wetherbee R. (2014) Adhesion molecules from the diatom *Phaeodactylum tricornutum* (Bacillariophyceae): genomic identification by amino-acid profiling and in vivo analysis. *Journal of Phycology* **50**: 837-849

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SCIENCE EDUCATION AND PUBLIC OUTREACH

2013

**Demonstrator**

Wow! How? Family Science Fair  
Oxfordshire Science Festival, UK

2008 – 2009

**Peer mentor**

In2Science Peer Mentoring in Schools Program  
University of Melbourne, Australia

2007

**Producer**

Panorama Science and Technology radio program  
Student Youth Network (90.7 fm)  
Melbourne, Australia

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SKILLS

Technical skills include algal and bacterial culturing, light and fluorescence microscopy, immunofluorescence confocal microscopy, transmission electron microscopy, RNA extraction, genomic and plasmid DNA extraction, PCR primer design, PCR and RT-PCR, PCR cloning, agarose gel electrophoresis, phylogenetic analysis, western blotting, quartz crystal microbalance assays, large-scale field studies and wet-bench work including use of pH meters, refractometers and filtration systems. I am also proficient in the use of bioinformatics tools such as BLAST, FinchTV, MAFFT multiple sequence alignment, MEGA6, Gblocks, jModelTest, PhyML, RAxML, PAML and Mesquite ancestral trait reconstruction.