

# Margaret

## Education

! Characterization of Acantharea-*Phaeocystis* photosymbioses: distribution, abundance, speci city, maintenance and host-control  
<http://doi.org/10.15102/1394.00001396>

Characterization of antimicrobial activity present in the cuticle of American lobster, *Homarus americanus*  
<http://hdl.handle.net/1951/55544>

*summa cum laude*

## Professional Appointments

## Fellowships & Grants

## Publications

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*ISME Communications*

*Phaeocystis globosa*

*ISME J*

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*BioScience.*

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*et al.*

*PNAS*

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*Oceanography Letters.*

*Limnology and*

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*Oceanography*

*Limnology and*

*Environmental Microbiology*

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*Microbial Ecology*

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*PeerJ*

*Frontiers in Microbiology*

*Homarus*

*americanus. Fish & Shellfish Immunology*

**Seminars &  
Invited Talks**

*The multifaceted symbioses of cosmopolitan*

*algae*

*Transcriptional responses to nutrient limitation in the bloom-forming  
phytoplankton*

*associated with colony formation in the bloom-forming haptophyte,*

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*Friend or Foe: A multiple  
meta 'omics investigation into the nature of Acantharea-  
photosymbiosis*

**Poster Presentations:**

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*Exploring the Phaeosphere:  
Microbial interactions with keystone phytoplankton in the genus*

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*Single-Cell Transcriptome  
Profiling Reveals Mechanisms of Host-Control and Nutrient Exchange in  
Acantharea- Photosymbioses.*

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*WikiProject L&O: Promoting Wikipedia Contributions to Enhance  
Communication and Public Impact.*

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*Complementing high-  
throughput sequencing with high-throughput imaging to illuminate  
abundance and life history of photosymbiotic acantharians.*

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**Student Travel Award Recipient.**

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*The role of gut bacteria  
in the inheritance of acquired metabolic phenotypes*

**Conference Workshop:**

**Teaching  
Experience**

**Undergraduate Courses:**

**Workshops:**

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**Study Abroad/Field Courses:**

**Secondary Education:**

**Service**

*Limnology and Oceanography, Science of the Total Environment, Harmful Algae, Journal of Oceanology and Limnology, Algal Research, Frontiers in Microbiology, Frontiers in Marine Science, Applied and Environmental Microbiology*

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**Other Awards**

**Sea Experience**

*Nathaniel B. Palmer*

*Endeavor*

*Mirai*

*Tonan-Mar*

*Kaiyo-Mar*

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*Delaware II*

*Oregon II*