

Marc James Simon Hensel

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<http://byrneslab.net/project/hensel/>

Education:

2013- present University of Massachusetts Boston, PhD candidate, Advisor: Jarrett Byrnes

2010-2013 University of Florida, Masters of Science in Zoology, Advisor: Brian R. Silliman

2006-2010 University of Florida, Bachelor of Science in Zoology, Minor in Wildlife Ecology and Conservation

Research Summary:

Publications:

Refereed Papers

1. **Hensel, M.J.S.**, and B.R. Silliman. 2013. Consumer diversity across kingdoms supports multiple functions in a coastal ecosystem. *Proceedings of the National Academy of Sciences*. 110(51):20621–20626. [\[doc\]](#)

In Review

1. Soomdat, N.N., Griffin, J.N., McCoy, M.W., Hensel, M.J.S, Buhler, S.M., Chejanovski, Z., and B.R. Silliman. *in revision*. Independent and combined effects of multiple predators across ontogeny of a keystone grazer. *Oikos*

Students Mentored:

UF. Danielle Keller (current graduate student at University of North Carolina), Alvin Beyerlein (structural engineer at Boeing)

Teaching:

2013. Teaching Assistant, Introduction to Biology (UMass)

2011-2013. Course Organizer, Head Teaching Assistant, Tropical Marine Ecology Field Course in San Salvador, Bahamas (UF)

2012. Teaching Assistant, General Ecology (UF)

2010-2011. Teaching Assistant, Introduction to Biology (UF)

Synergistic Activities:

Outreach

2009-2013. Participant in NSF Schoolyard project. Worked with over 50 elementary, middle, and high school science teachers in an annual, week-long workshop exposing them to field biology and helping them to develop ideas for their classroom. Developed curricula and ideas for hands on labs for many teachers.

Grants and Awards:

2012. Graduate Research Fellowship, NOAA/NERR. \$60,000

2009. University of Florida University Scholars Program. \$2,500

Work History:

2008-2009. Research Assistant. University of Florida. Worked with Dr. Brian Silliman, Dr. John Griffin, James Nifong, Schuyler van Montfrans

Invited Presentations:

2013. **Hensel, M.J.S.** Consequences of coral reef consumer loss on reef ecosystem structure and function. Guest lecture, UMass Boston Marine Ecology class.

Contributed Presentations:

2013. **Hensel, M.J. S.** and Silliman, B.R. Cross-kingdom consumer diversity enhances multifunctionality of a coastal ecosystem. Benthic Ecology Meetings.

2013. **Hensel, M.J. S.**, Angelini, C., Nifong, J.C., van Montfrans, S.G. and Silliman, B.R. Oceanographic gradients drive adult invertebrate densities in a marine estuary. University of Florida Marine Biology Symposium.

2012. **Hensel, M.J. S.** and Silliman, B.R. Multiple consumers and multiple functions: investigating the consumer-microbe connection. Benthic Ecology Meetings.

2012. **Hensel, M.J. S.** and Silliman, B.R. Multiple consumers and multiple functions: investigating the consumer-microbe connection. University of Florida Marine Biology Symposium.

2011. **Hensel, M.J. S.** and Silliman, B.R. Incorporating fungal plant disease into multiple consumer interactions in salt marshes. Benthic Ecology Meetings.

Programming Languages

R, Python (learning Spring 2014)

Professional Organizations:

American Academy of Underwater Scientists

References

Jarrett E. K. Byrnes, Ph.D. Advisor

Phone: 401.529.4104 Email: jarrett.byrnes@umb.edu

Brian R. Silliman, Masters, Undergraduate Advisor

Phone: 252.504.7635 Email: brian.silliman@duke.edu

John N. Griffin, Collaborator

Phone: (01792) 295311 Email: j.n.griffin@swansea.ac.uk

Todd M. Palmer, Masters Committee Member

Email: tmp@ufl.edu

Craig W. Osenberg, Masters Committee Member

Phone: 352.392.9201 Email: osenberg@ufl.edu