

**Allison L. Rugila**

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EDUCATION

**SUNY Stony Brook University**, PhD, Fall 2017- Present

Department of Ecology & Evolution, Advisors: Dr. Brad Peterson/ Dr. Robert Thacker

**SUNY Stony Brook University** MA, Dept. of Ecology and Evolution, Fall 2015- Summer 2017

Masters of Arts in Applied Ecology

**St. Mary's College of Maryland**, BA, St. Mary's City, Maryland, Fall 2010 to Spring 2014

Bachelor of Arts in Biology, Minor in Environmental Studies

POSITIONS HELD

**Teaching Assistant, Chordate Zoology Lab (BIO 344), Spring 2020**

**Teaching Assistant, Fundamentals of Biology (BIO 201), Fall 2019**

**Teaching Assistant, Applied Ecology (BEE 536), Spring 2019**

**New York Sea Grant Fellow, Dr. Dianna Padilla (Principal Investigator), 2016 - 2019**

In collaboration with NOAA Northeast Fisheries Science Center (Milford, CT), tested for adaptation or acclimation of *Mytilus edulis* to increasing ocean acidification.

**St. Mary's River Watershed Association** (Non-Profit), St. Mary's City, MD

**Program Director (2012 to February 2014, May 2016-August 2016):**

Oversaw Marylanders Grow Oysters program for the St. Mary's River, SMRWA Re-Reef the Bay program, and SMRWA Reef Ball Project; Managed the Oyster Setting Facility; Supervised STEM summer interns and volunteers; Assisted in grant writing.

**Director of Communications & Outreach (December 2014 – August 2015):**

Coauthored St. Mary's River Characterization white paper as part of the St. Mary's River Watershed Restoration Action Strategy; Mentored STEM summer interns; Organized educational displays and public outreach events.

**Student Intern (2011):** Organized and participated in community outreach at public events and oyster restoration activities; wrote monthly press releases.

PUBLICATIONS

Padilla, D. K., D. Charifson, A. Liguori, M. McCarty-Glenn, M. Rosa, and **A. Rugila**. 2018. Factors affecting gastropod larval development and performance: a systematic review. *Journal of Shellfish Research*. *Journal of Shellfish Research* 37(4):851-867.

All authors, after the first author, contributed equally to this paper in regards to reviewing papers, data analysis, and editing. <https://doi.org/10.2983/035.037.0414>.

St. Mary's River Watershed Characterization (*white paper*). Spring 2016.

As part a St. Mary's River Watershed Restoration Action Strategy, I contributed to the following chapters: Living Resources and Habitat, Human needs and Services, and Restoration and Conservation Targeting. [https://www.smrwa.org/pdfdocs/Characterization\\_Mar%202016.pdf](https://www.smrwa.org/pdfdocs/Characterization_Mar%202016.pdf).

WORKSHOPS ATTENDED

Graduate Student Workshop on Socio-Environmental Synthesis. August 2018. Annapolis, MD.

GRANTS AND AWARDS

**Sigma Xi, The Scientific Research Honor Society, Associate Member, 2019**

<b>Department of Ecology &amp; Evolution Lawrence B. Slobodkin Award, 2019</b>	\$930
<b>Department of Ecology &amp; Evolution Conservation Leadership Award, 2016</b>	
<b>Patagonia Environmental Grant, 2015</b>	\$11,450
Funded the SMRWA Re-Reef the Bay project, a long-term monitoring and restoration project in the St. Mary's River oyster sanctuary.	
<b>Chesapeake Bay Trust Community Engagement and Restoration Grant, 2015</b>	\$2,450
Funded the design and fabrications of an interpretive sign describing the SMRWA Re-Reef the Bay Project.	
<b>Cove Point Natural Heritage Trust Grant, 2013</b>	\$6800
Provided stipends for STEM summer interns as part of the SMRWA Future Bay Leaders project, participating in habitat restoration and community outreach.	
<b>Boeing Global Corporate Citizenship Grant, 2013</b>	\$6000
Funded oyster restoration (production of reef balls and purchasing oyster larvae).	
<b>Norcross Wildlife Foundation, 2012</b>	\$2000
Funded a YSI and secchi disk for long-term water quality monitoring efforts.	

### PRESENTATIONS

- Rugila, A.**, C. Gobler, A. Lowell, B. Peterson, and R. Thacker. Linking larval and juvenile performance in the bivalve *Mercenaria mercenaria*: when does the juvenile environment matter? Oral presentation. National Shellfisheries Annual Meeting, April 2020, Baltimore, MD.
- Padilla, D., L. Milke, S. Meseck, D. Redman, **A. Rugila\***, A. Liguori, M. Rosa, and D. Veilleux. Effects of ocean acidification on development and survival of *Mytilus edulis*. Poster presentation. National Shellfisheries Association Annual Meeting, March 2017, Knoxville, TN.
- Rugila, A.** Mud crab (*Xanthidae: Eurypanopeus* and *Rhithropanopeus* spp.) parasitism by the invasive sacculinid barnacle (*Loxothylacus panopaei*). Oral presentation. Atlantic Estuarine Research Society Meeting, March 2014, Ocean City, MD.
- Caretti, O., B. Dahmer, **A. Rugila**, and T. Stewart. A population and ecological impact analysis of the nonnative lionfish (*Pterois volitans*) on Calabash Caye Reef, Belize. Poster presentation. Natural Science and Mathematics Student Symposium, April 2013, St. Mary's College of Maryland, St. Mary's City, MD.
- Rugila, A.**, Dahmer, B., V. Jones, and K. Filliaux. The Effect of Copper on the Growth Rates of the Eastern Oyster, *Crassostrea virginica*, at Varying Salinities. Poster presentation. Natural Science and Mathematics Student Symposium. December 2012. St. Mary's College of Maryland, St. Mary's City, MD.
- Rugila, A.** and P. Riner. Remote Setting Spat Nursery: Giving Back to the Bay. Poster presentation. Chesapeake Watershed Forum. September 2012. Shepherdstown, WV.

### OUTREACH & SERVICE

- E&E Department Retreat Planning Committee 2020
- SBU Darwin Day, Ecology and Evolution, 2017, 2018, 2020
- Flax Pond Marine Laboratory Workshop 2018, 2019
- WAC Lighting Invitational Science Fair Judge, 2019, April 2020
- SBU Ocean acidification graduate student journal club, 2018-present
- Riverhead Aquarium, Invasive species educational display, September 2016