

~ NJSGC HIGHLIGHTS ~

NOAA Graduate Fellowship Application Deadlines 2018 Announced

The New Jersey Sea Grant Consortium manages and offers several fellowships each year in conjunction with the [National Sea Grant College Program](#) and other federal partners, including the [National Oceanic and Atmospheric Administration](#) and the [National Marine Fisheries Service](#).

For those interested in applying for the next term (2019-2020), please be aware of these important dates:



- The **NOAA/Sea Grant Coastal Management Fellowship** provides two years of on-the-job education and training in coastal resource management and policy for postgraduate students.
- The **NOAA/Sea Grant John A. Knauss Marine Policy Fellowship** matches graduate students interested in ocean resources and the national policy decisions affecting them with “hosts” in the Washington, D.C. area for a one-year paid fellowship.
- The **NOAA Fisheries/Sea Grant Joint Graduate Fellowship Program in Population and Ecosystem Dynamics and Marine Resource Economics** is designed to strengthen the collaboration between Sea Grant and the National Marine Fisheries Service (NMFS). Fellows will work on thesis problems of public interest and relevance to NMFS at participating NMFS Science Centers or Laboratories under the guidance of NMFS mentors.

For more details and information, please visit the NJSGC [website](#).

Rutgers Cooperative Extension/Marine Extension Program Seminar December 2017 – Atlantic Surf Clam Aquaculture

The next marine extension program seminar organized by Rutgers Cooperative Extension will be held on Thursday, December 7 from 6:30-8:00 PM at the [Jacques Cousteau National Estuarine Research Reserve](#) located in Tuckerton, NJ.

The seminar's featured speaker will be Michael Acquafredda, a Ph.D. candidate in Ecology and Evolution at Rutgers University. Mr. Acquafredda's presentation is entitled "Diversifying the New Jersey aquaculture sector by developing culture techniques for the Atlantic surf clam."

Mr. Acquafredda is a student of Dr. Daphne Monroe, whose current [surf clam research project](#) is supported by the NJSGC.

For any questions or information on future seminar announcements, please contact Rutgers Marine Extension Agent [Doug Zemeckis](#) or Cooperative Extension of Ocean County [Kelly Jurgensen](#).

*Rutgers Cooperative Extension
Marine Extension Program Seminars*

RUTGERS
New Jersey Agricultural
Experiment Station
• Rutgers Cooperative
Extension

Diversifying the New Jersey aquaculture sector by developing culture techniques for the Atlantic surfclam (*Spisula solidissima*)



Michael Acquafredda
Ph.D. Candidate in Ecology and Evolution
Haskin Shellfish Research Laboratory
Rutgers, The State University of New Jersey

**Thursday, December 7, 2017
6:30-8:00 PM**

Jacques Cousteau National Estuarine Research Reserve
130 Great Bay Blvd., Tuckerton, NJ 08087; www.jcnerr.org

Open to all who are interested in attending

For more information, please contact:
Douglas Zemeckis, Rutgers University, Marine Extension Agent
zemeckis@njaes.rutgers.edu | 732-349-1152

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Join the Holiday Fun with the '31 Days of Sea Grant' Social Media Campaign!

Throughout the month of December, the Sea Grant national office will feature a key metric from the most recent annual reports from all 33 individual Sea Grant programs. Keep an eye out on December 27th for NJSGC's moment in the social media spotlight!

"In 2016, [@NJSeaGrant](#) educators reached 25,000 K-12 students.
#NewJersey #31DaysofSG."

For more information, please visit NJSGC's [program location](#) page on the official [NOAA](#) website.

Follow the National Sea Grant College Program on [Facebook](#) and [Twitter](#) for even more informational #31DaysofSG updates!

Dunes are Critical: A Coastal Conservation Update from the Pinelands Preservation Alliance

The Oct/Nov 2017 edition of the [Pinelands Preservation Alliance](#) (PPA) newsletter features a section on a research project partially funded by NJSGC entitled “Protecting Jersey Shore Residential and Ecological Communities by Changing the Culture of Beach Management.” According to the article, the PPA along with Raritan Valley Community College (RVCC) Associate Professor [Dr. Jay Kelly](#) used string and post markers on four different state beaches (Island Beach State Park, North Brigantine Natural Area, Corson’s Inlet, and Cape May Point) to identify portions of the back beach that would be protected from beach raking and motorized use.



As a simple and inexpensive form of compromise management, this project also helps to facilitate natural dune formation. According to [Ryan Rebozo](#), Ph.D. and PPA’s Director of Conservation Science:

“Dunes are dynamic; they are constantly being formed and broken down. In order to form new dunes or grow existing dunes, blowing sand must be trapped by vegetation growing on the dunes and beaches. Protecting the upper beach allows previously bare portions of beach to re-vegetate and begin the process of trapping sand and creating incipient dunes. Dunes, in turn, benefit the beach front community by offering some protection during major storm events.”

Thanks to such success and positive feedback, the PPA has received a new source of funding to continue this project through the [National Fish & Wildlife Foundation](#).

View the latest PPA newsletter [online](#).

The PPA is currently looking for municipal beaches in Atlantic, Cape May, Monmouth, and Ocean counties to participate. Please contact Dr. Rebozo at 609-859-8860 ext. 126 for more information.

Read more about NJSGC’s involvement [here](#). Dr. Kelly is also the current [member institution representative](#) for RVCC.

Please Consider Supporting the NJSGC this Holiday Season

As the year draws to a close, we want to thank you for your interest and support of the New Jersey Sea Grant Consortium.

Please consider helping us continue our work by making a year-end, tax-deductible contribution to the NJSGC. This is the one time of year that we do ask for your financial support – we hope you will choose to help. If interested in making a donation, please [click here](#). Thank you again, and please accept our warmest wishes for a joyful holiday season. We look forward to working with you throughout the New Year!



In the News

[They're back... Snowy owls return to the Jersey Shore](#) (WHYY)

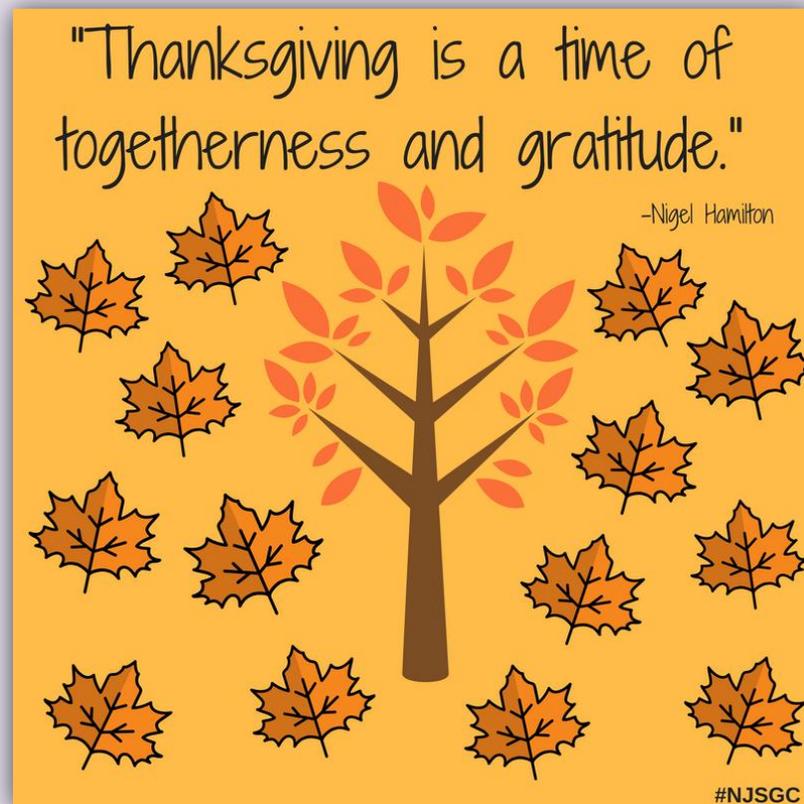
[Rising Sea Levels Trigger the Redesign of Coastal Communities](#) (Now/Northrop Grumman)

[Paddleboarder has Unbelievably Close Encounter with Humpback Whale Off NJ Coast](#) (NBC New York)

[Researchers Explore Using Empty Oyster Shells to Decrease Acidic Seawater](#) (NOAA/Sea Grant)

[Beach Replenishment Project Moving Along in Mantoloking](#) (Brick Shorebeat)

Spotlight



From the NJSGC family to yours, we hope everyone had a fantastic Thanksgiving!