

SeaScripts



The Newsletter of the South Carolina Marine Educators Association



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www.scmarineed.org



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Summer 2016



SCMEA

The South Carolina Marine Educators Association

Captain's Corner

President's Letter

Hello,

I hope this finds everyone safe and dry after Hurricane Matthew. As I write this, flooding continues to be a major problem for many, as does the lack of electricity. This storm comes one year after the devastating historic flooding of October 2015. Climate scientists warn that storms such as these will only intensify as climate change progresses, and we're already seeing its effect. In times of crisis, communities pull together and can work towards a common goal. Neighbors help each other clean up homes and streets, and nations work together and make positive progress towards addressing climate change.

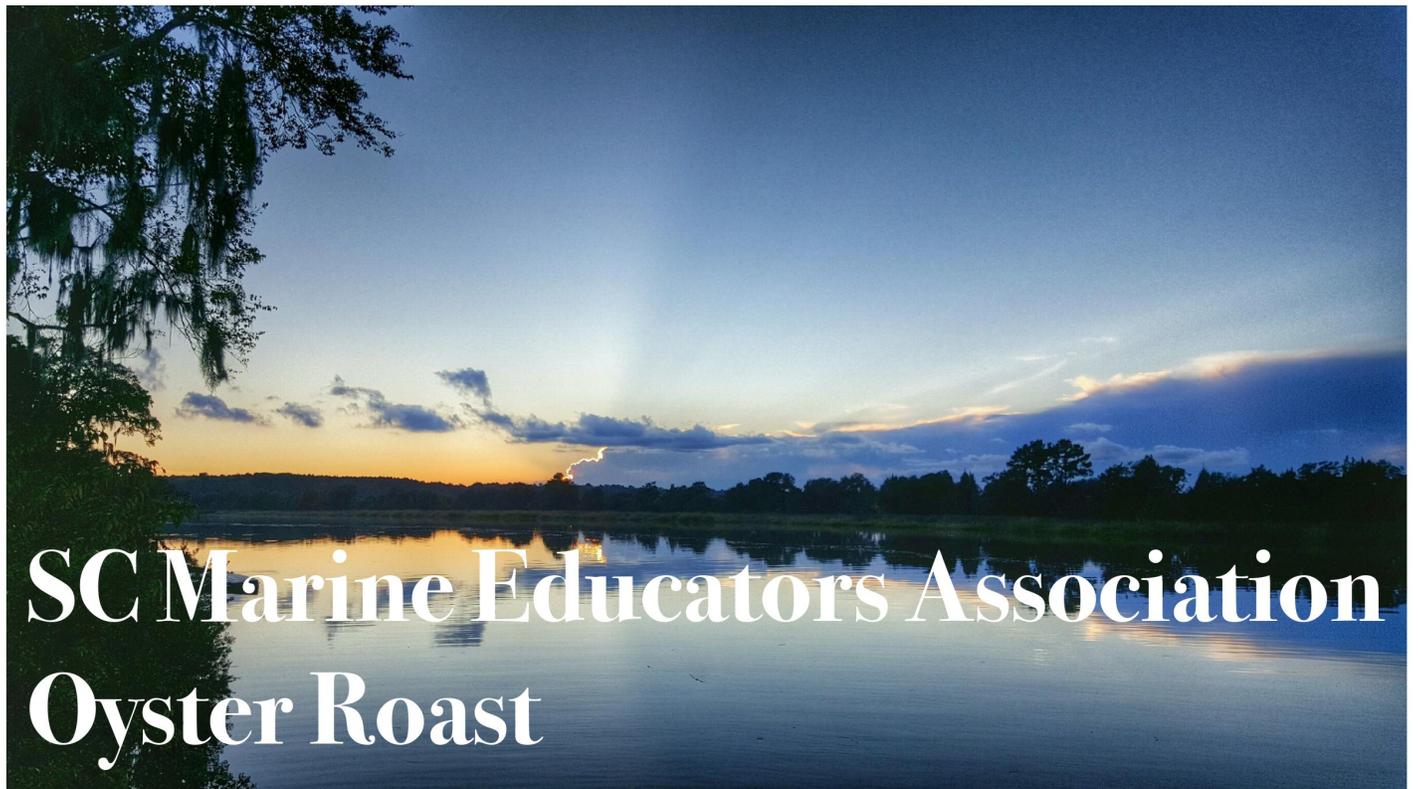
A different tragedy hit Huntington Beach State Park in July when a lightning strike set their nature center ablaze. They lost everything, including their animals. Thankfully, their community is rallying around them. As one part of that, SCMEA is hosting a supply drive during our November oyster roast. I hope that you can attend and that you will consider bringing an item to donate to Huntington Beach. A list of requested items can be found on our website, www.scmarineed.org.

The oyster roast is on November 5 at Fort Johnson in Charleston. We will hold a brief member meeting to vote in the new board, and the remaining time will be spent enjoying live music and eating delicious oysters and chili. Hope to see you there!

Rachel Davis
SCMEA President
Water Resources Agent
Clemson University Cooperative Extension Service



Rachel (far right) with Clemson Extension coworkers



SC Marine Educators Association Oyster Roast

When? November 5, 2016 from 5-9pm
SCMEA annual business meeting @ 5:30

Where? DNR Outdoor Classroom at Fort Johnson

What? Since we are hosting the 2017 national conference in Charleston, this networking and fundraising event is replacing this year's statewide conference. Eat good food, hang out with other marine education enthusiasts, and get a NMEA planning update! Chili (meat and vegetarian) will also be served for those of you who don't eat oysters. BYOB

Help! The nature center at Huntington Beach State Park lost everything in a fire in July. Help rebuild their collection with field guides, seine nets, shells and more! For a complete list of requested items, visit www.scmarineed.org or our Facebook page.

RSVP Pre-registration is required! Register online at www.scmarineed.org
\$30 SCMEA member/ \$35 non member/ kids under 10 are free

Questions? Contact Rachel Davis, herold@clemson.edu, 843-693-8758

Music generously
provided by



**thegive
&thefake**



Perspectives on the 2016 NMEA conference in Orlando, Florida from Marni Friedman, winner of the 2016 SCMEA Cousteau Memorial Scholarship

#TurtleyinOURhands

Now it's #TurtleyinOURhands to pass on all the amazing information and experiences that we had at the NMEA conference in Orlando, FL. Turtley what? Let me explain. Three of us from the education department at the South Carolina Aquarium got the opportunity to present at the 2016 NMEA conference about our high school structured school program. We entitled our presentation #Turtleyinyourhands, which focused on how we use a mock sea turtle rescue to introduce students to STEM careers and conservation initiatives with our local sea turtle populations. Get it?

It was an amazing experience! I personally haven't attended NMEA since 2011 and was thrilled to receive the Jacques Cousteau Memorial NMEA Travel Award which afforded me the ability to travel down to Orlando this year. I was greeted by members that I haven't seen in five years and met new amazing educators. That's what I really love about NMEA and SCMEA- so many inspirational and brilliant people that are all so warm and down to earth.

I hope to see you all at the 2017 NMEA conference in Charleston, South Carolina. Apply for scholarships through the SCMEA and NMEA websites!

SEA you all next year!

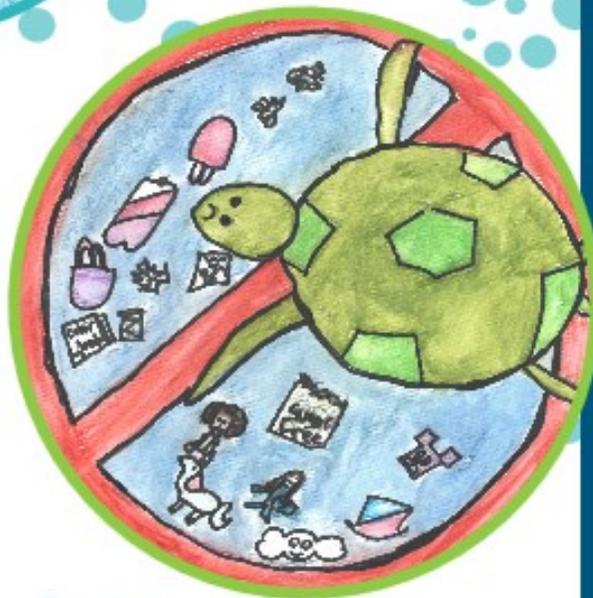
Marni Friedman

The Cousteau SCMEA Travel Award

This award provides funding to cover expenses associated with attending the annual NMEA (Nation Marine Educators Association) conference. Each year SCMEA gives up to two \$500.00 awards. Applications for the 2017 awards are due April 1. Check out scmarineed.org/awards-and-scholarships for more information!



Annual NOAA Marine Debris Program ART CONTEST



All students in grades K-8 from all U.S. states or territories enrolled in recognized public, private, or homeschools are eligible to participate. Entries will not be accepted before Monday, October 17th and must be postmarked by Wednesday, November 30th.

For details please visit <https://MarineDebris.noaa.gov>

**October 17 -
November 30**

Help the NOAA Marine Debris Program raise awareness about marine debris!

Winning entries will be featured in our 2018 Marine Debris Calendar!

Grab your art materials, be creative, and tell us:

- *How does marine debris impact the oceans and Great Lakes?*
- *What are you doing to help prevent marine debris?*



Announcing the Winter Educator Science Café Series!

Come relax, network with fellow educators, and learn from local scientists during these exciting science café events! The sessions are FREE (food and beverages not included) but are limited to the first 15 people who register! Recertification credits provided upon request. To Register: <https://www.surveymonkey.com/r/ZBYHBYD>

Questions: EV Bell ev.bell@scseagrant.org

Winter Café Series

December 7, 2016 4:30 – 6:30 PM Avondale Wine and Cheese (West Ashley)

Tis the Season... for Migration and Adaptations!

Warm up with wine and cheese as we learn how animals deal with the changing seasons.

January, 17, 2017 6:00 – 8:00 PM The Barrel (James Island)

When Stars Align: Maritime Navigation and Astronomy!

Ahoy! Discover how ancient mariners used celestial navigation as we splice the main brace!

March 7, 2017 4:30 – 6:30 PM TBD (Mount Pleasant)

Coffee and Conversation with Caretta caretta

Grab a cup of joe and learn about our state reptile, the loggerhead sea turtle!



Linneaus' Quarters

A light distraction for the taxonomically preoccupied

Every fall, as we gather around plywood tables shucking delicious oysters picked right from SC waters, we challenge each other to eat that little crab we often find inside, steamed to rosy perfection.



These tiny crabs that live between the valves of our eastern oyster and other resident bivalves are commonly referred to as the Pea Crab *Zaops ostreum*. Pea crabs belong to the family Pinnotheridae, which includes about 60 similar crabs that reside within a wide variety of mollusks. To many, these crabs convey the affectation of a strong armed sentry residing in its host, after all, look no further than the Pinnotheridae family name. The term is rooted in the Greek *Pinna*, for shell, and *terein*, to guard. In reality however, these

parasitic residents scavenge food from the host oyster, likely picking off the occasional bit of gill and feeding structure as well.

In their protected host, females can live for 3 years or more while the smaller male is tasked with the perilous duty of leaving the safety of his host each spring in search of females in nearby oysters.

So while you are at the SCMEA oyster roast on Saturday November 5th from 5-9PM at the Ft Johnson Outdoor Classroom on James Island, be sure to keep an eye out. You might be the lucky winner of a rosy steamed Pea Crab, an added garnish to the delicious oyster.



SEAS of change:

lowcountry lessons in resiliency
NMEA 2017 ★ CHARLESTON, SC



The **South Carolina Marine Educators Association** invites you to join us for NMEA

★ **June 25-29, 2017** ★

Drink some tea, eat a peach, and shag your way to
Charleston, SC!

For more information

Visit NMEA2017.org



Contact info@nmea2017.org



NMEA AUCTION NEWS



Is your nest feeling crowded?

Let us help!



Photo credit: Keith McCullough

We are currently accepting donations for the NMEA 2017 conference auction.

Donations may be tax deductible and will generate good karma!

If you would like to contribute contact Beth Burkett at bburkett@ccprc.com or 843-762-9917.

MEMBERSHIP REMINDER

Don't miss out on all the SCMEA fun, to renew your membership visit scmarineed.org



When you renew your SCMEA membership, you can receive a discount to apply to your NMEA membership at marine-ed.org, the perfect way to prepare for NMEA 2017 in beautiful Charleston!



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November 21, 2016
1:00PM - 4:00PM

Hanahan Public Library
1216 Murray Drive
Hanahan, SC 29410

Advanced registration is
required; space is limited!

To register, visit:
www.ashleycooper.org

For more information,
contact:

Kim Counts Morganello
843-730-5212 or
kccounts@clemson.edu



CLEMSON
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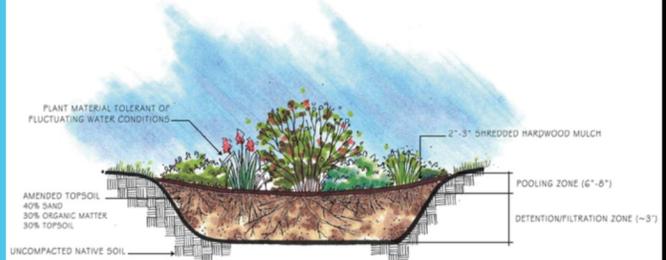
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RAIN GARDEN WORKSHOP FOR THE HOME LANDSCAPE

NOVEMBER 21, 2016

A Hands-On Workshop For Residents and Home
Gardeners Who Are Interested In Learning More About
The Design, Installation, And Maintenance Of
Rain Gardens



This workshop will present information on the following topics:

- Benefits of rain gardens
- Rain garden design, installation, and maintenance
- Plant selection
- Site visit and hands-on activities

The workshop will include classroom and hands-on opportunities
at the Hanahan Library in Hanahan, SC.

The cost of this workshop is \$12, including newly published A
Guide to Rain Gardens in South Carolina. Refreshments will be
provided onsite.

Registration deadline is November 15, 2016.

This workshop is hosted through a partnership between the Ashley
Cooper Stormwater Education, Keep Hanahan Beautiful, Berkeley
County, Carolina Clear, and Clemson Extension.

Clemson University offers its programs to people of all ages, regardless of race, color, sex,
religion, national origin, disability, political beliefs, sexual orientation, marital or family
status and is an equal opportunity employer.



SeaScripts Fall 2016 Cover Photo courtesy of
SeaScripts editor and **SC DNR** Biologist Nick
Wallover, taken at one of the ACE Basin's
many healthy oyster bars.

SeaScripts is published and distributed on a quarterly basis. Articles and
announcements from SCMEA members are greatly appreciated. Please send them
to the editor, [Nick Wallover, wallover@dnr.sc.gov](mailto:Nick.Wallover@dnr.sc.gov). To ensure that your
submission is included in the proper issue, please observe the following deadlines:

Spring Issue: February 15th

Summer Issue: May 15th

Fall Issue: August 15th

Winter Issue: November 15th