Dear SENEME Members,

It is surreal to be writing my final letter as SENEME’s President. It seems like I was just writing my first letter, but now it is that time of the year when I pass the presidency on to the President-Elect. This year, I pass the presidency to my colleague at Greenwich High School, Amy Ferland. I am confident Amy will do a great job as your next President and make sure SENEME is successful over the next year.

On October 3rd we had a very successful Annual Meeting and Conference. The theme that was interwoven through the Conference was ocean literacy. The keynote speaker, workshops, and field activities had a key component of the seven essential ocean literacy principles. (These principles can be accessed at www.coexploration.org/oceanliteracy.) Our keynote speaker was Ryan Hanrahan, a meteorologist from NBC-30 in Connecticut. He shared with our members how much the weather in our area is affected by the oceans and about El Nino and La Nina. We also had SENEME members from all over Connecticut and Rhode Island present workshops with many different topics having to do with the ocean literacy principles. As always, the Silent and Live Auctions were very successful raising money for our scholarships and awards. Finally, I want to thank everyone who made this Conference a success, especially the SENEME Board members, presenters, attendees and volunteers. I would also like to thank Project Oceanology for hosting the Conference and putting so much time into making it successful.

We have accomplished a lot this year. SENEME became a 501(c)3 non-profit, and our strategic plan is now in place. We have had many successful activities including our Annual Conference, and we are continuing with many exciting events already planned for the next year. Stay tuned to these events at www.seneme.org.

Thanks for a great year! Enjoy the fall and holiday seasons!

Jenna Carlson

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Nauplius Notations
By Donna Dione, Editor

We are in the midst of my favorite season, which also means I recently attended one of my favorite events - the SENEME Fall Conference. We do seem to be returning to our history of inclement weather occurring on the day of the event, but for me, that just made the event feel like home. It doesn’t seem quite as exciting if we aren’t experiencing a Nor’easter, flood or hurricane, although the boat field trippers may not agree with me on this one!

So it was very appropriate that we had Ryan Hanrahan, WVIT Meteorologist as our Keynote Speaker. He was a wonderful presenter, and we all learned a lot more about Connecticut storm history and climate change. As you’ll see, even our resurrected Nauplius Nostalgia features have to do with our SENEME weather history and a past visit from another meteorologist.

So sit back with a cup of hot cocoa and enjoy a toasty read. Only time will tell if Ryan’s prediction of a cold, snowy winter will come true!

 SENEME Organizational Members

Mystic Aquarium & Institute for Exploration
Project Oceanology
Soundwaters
URI Office of Marine Programs
Thank you for your support!!

SEMEME LIFE MEMBERS
2002 Find Pedersen
2003 Mickey Weiss
2004 Thaxter Tewksbury
2005 Ralph Yulo
2006 Elizabeth Gibbs

MARINE EDUCATOR OF THE YEAR
2005 Lance Arnold
2006 Matt Schardt

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Join SENEME at One of Our Events This Year!
Network with your colleagues and learn something new at the same time!

By Clive Tucceri, SENEME Membership Secretary

Last year’s 25th Anniversary celebration year of events was such a success that the SENEME Board has decided to continue to offer a variety of activities to our members over the course of the next school year. Please plan to join us at all or some of these exciting events. The host facility generously donates the time and talent of their organization. The small fee associated with the program helps to defray the cost of refreshments. Please bring your friends and help them to see one of the many benefits of SENEME membership!

We have lots of events planned for the winter and spring of 2010. Be sure to check upcoming newsletters, the website and the listserv for more details as they become available but mark your calendar now to join us!

Our next event, Oceans à la Carte, will take place on January 9, 2010 at the University of Rhode Island in Narragansett, RI. Oceans à la Carte, a workshop for K-12 educators, offers a full menu of oceanography, marine and environmental science presentations and workshop sessions by leading scientists conducting research around the world, hands-on activities, and content information sessions. Exhibitors from various environmental education organizations will showcase their programs and provide free materials for participants. This program is hosted by the Office of Marine Programs at URI.

On February 6, 2010, UConn’s Avery Point Campus will host the Quahog Bowl, a high school competitive program. Let’s be in the audience to cheer these students on to greatness! In March 2010 (exact date to be determined), we will head back to URI to take a tour of the Inner Space Center. On April 30, 2010, we hope you will join us for the day at the Long Island Sound Educators Conference at The Maritime Aquarium at Norwalk. Finally, in May 2010, Project Oceanology at Avery Point, CT will host a program on Bird Nesting.

As you can see, we have a full plate of events for our SENEME members over the next few months. We hope to see you at one of them. Come learn something new and get to know your fellow SENEME members.

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FROM THE BOARD ROOM....

The SENEME Board would like to propose the following amendment to the SENEME Constitution:

Current format -
ARTICLE IV. OFFICERS
Section 3: "..... The NMEA Representative shall be elected yearly."

Change to -
Section 3: ".... The NMEA Representative shall be elected to a two (2) year term."

Article IX of the SENEME Constitution states that all proposed amendments shall be published in two consecutive issues of the newsletter before being voted on by the Board of Directors.
NAUPLIUS NOSTALGIA

THIS FEATURE RESURRECTS ARTICLES FROM THE ARCHIVES OF "THE NAUPLIUS."

COMPILED BY DONNA DIONE, EDITOR

REPRINTED FROM THE NAUPLIUS, FALL/WINTER 1998, VOLUME X, NUMBER 1

1998 SENEME FALL CONFERENCE

OR

CAN A SENEME CONFERENCE BE FUN IF THE WEATHER IS BEAUTIFUL?

What can I say? The good spirits of the SENEME membership are weatherproof as proven by their testing in the past years at past conferences. They have come to conferences that have taken place with snow, sleet, and rain and smiled while doing it! So it was with some trepidation that I watched the weather forecast prior to the conference this past October. What would happen if it was good weather? Would they still come? Or are they only foul-weather friends?

Well, I need not have worried. They came and they enjoyed. They basked and glowed in the warmth as if to store it and save it in case next year was less perfect. And they had a great time! Everyone did seem a little cautious, as if there had to be a waterspout just around the corner, but ultimately folks relaxed and enjoyed the day. There was much to enjoy...

By Thaxter Tewksbury

REPRINTED FROM THE NAUPLIUS, FALL 1995, VOLUME VII, NUMBER 1

NEWS FROM THE FRONT

A highlight of this year’s SENEME Fall Conference was the dynamic Keynote Address of Dr. Mel Goldstein, Chief Meteorologist at WTNH-TV. Throughout Dr. Mel’s speech entitled “Making Waves in Education,” one couldn’t help but get excited about weather as his contagious enthusiasm radiated throughout the auditorium. Without props, slides or any kind of visual aids, Dr. Mel kept the audience enthralled with his weather tidbits and amusing anecdotes.

Being one of the most well-known meteorologists in Connecticut was not originally Dr. Mel’s life-long aspiration. He first became interested in weather during his teens, and as time progressed, his studies in meteorology and oceanography led him to a teaching position at Western Connecticut State University, a position he still holds today. Dr. Mel's media experiences began as weather forecaster on local radio. This exposure led to TV weather forecasting and his current role at WTNH-TV Action News 8.

Woven throughout Dr. Mel’s speech was the importance of weather in so many areas of our lives. Most people associate weather with the “dreaded sciences,” a fearful area of formulas and lab-coats. However, meteorology is truly an interdisciplinary topic which has been and will continue to be a component of other disciplines such as oceanology, art, literature, music, history and politics. For example, if it weren’t for a “Bermuda High” weather system, Columbus would not have “discovered America” because he would not have been able to land where and when he did.

Thanks, in part, to Dr. Mel, an excitement for weather in Education is starting to spread throughout Connecticut with the implementation of “SCHOOLNET” this fall. Ten schools, along with WTNH, Mystic Marinelife Aquarium and The Discovery Museum, are participating in a network of weather stations throughout the state. In just two months of operation, educators involved with these stations are discovering for themselves that weather isn’t just for the science classes.

The SENEME Board is very grateful that Dr. Mel took time out of his hectic schedule to attend our Conference. He helped us all to realize how weather is interwoven into so many facets of our lives. And most importantly, that even with the latest in weather predicting computer technologies, it is still important to just “look outside!”

By Donna R. Dione
The Consortium for Ocean Leadership’s National Ocean Sciences Bowl (NOSB) is pleased to announce the first, second and third place teams of the 12th Annual NOSB Finals Competition have returned from their awards’ trips to the Republic of Panama, California, and the Great Lakes, respectively. The 2009 NOSB was conducted at the Smithsonian Natural History Museum’s Sant Ocean Hall in April. After testing their ocean knowledge at their regional bowl, and at the two-day Finals Competition, the team of Marshfield High School took first place, Lexington High School took second, and Cranston High School West placed third.

The third place team, Meaghan Sullivan, Pasha Sadikov, Alexa Choy, and Sara Hogwarth with Coach Steve Krous of Cranston High School West traveled to the Great Lakes and were hosted by the National Oceanic and Atmospheric Administration (NOAA) Great Lakes Environmental Research Lab (GLERL) and the Cooperative Institute for Limnology and Ecosystems Research (CILER). During the trip, the team snorkeled on a shallow ship wreck and kayaked the scenic Ausable River. The team also took part in field sampling aboard a NOAA research vessel, the RV Laurentian, at the Lake Michigan Field Station in Muskegon, Michigan. The trip was made possible with the support of the National Oceanographic Partnership Program, GLERL, and CILER.

The NOSB is a program of the COL based in Washington, DC. The NOSB seeks to interest students in the ocean sciences as a college major and potential career. Through this educational forum, the NOSB strives to encourage and support the next generation of marine scientists, policy makers, teachers, explorers, researchers, technicians, environmental advocates, and informed citizens. Approximately 2,000 students from more than 300 high school participated in 2009. For more information about NOSB, visit: www.nosb.org.

EDITOR’S NOTE: The above paragraphs are excerpts from an article written by Kristin Mellon appearing in NMEA News, Volume 25, Issue 3, Fall 2009.

SENEME CONGRATULATES CRANSTON HIGH SCHOOL - WEST!!!!!

Save the date for URI's Office of Marine Programs OCEANS A LA CARTE

Saturday, January 9, 2010
8:00 am - 4:00 pm
URI Narragansett Bay Campus, Coastal Institute

Presentations by leading scientists doing research in Narragansett Bay and around the world, hands-on activities, and exhibitors from various environmental organizations will take place during this daylong event for educators.

Registration will be required and more information will be provided on the Office of Marine Programs Website, http://omp.gso.uri.edu.
Fall Conference 2009

Above: WVIT Meteorologist Ryan Hanrahan (left) receives a SENEME T-shirt from outgoing President, Jenna Carlson.

To the left: Ryan (right) with Katrina Barrett

Below: Diana Payne (right) facilitates an activity on Human Impacts and Population.

Photographs courtesy of Donna Dione
Top: Attendees play a game about terrapin survival.

Middle: Kate Lowe and Dione Clinkenbeard share two of Soundwaters’ diamondback terrapins.

Bottom: Thaxter Tewksbury leads the “fish countdown” towards the end of the Silent Auction.
BULLETIN BOARD

Mystic Aquarium & Institute for Exploration

Oceans: A Resource for Teaching Science in the Classroom
Tuesday, December 8, 2009
9:30 am - 12:30 pm
Cost: $20
Learn how to utilize the world’s oceans as a tool for teaching science and math to students in your classroom. Workshop participants will have the opportunity to partake in ocean-based activities that can translate directly into engaging classroom programs. Additionally, you'll take home numerous resources for immediate use in your classroom.

Conservation in the Classroom
Thursday, January 14, 2010
9:30 am - 12:30 pm
Cost: $20
Whether your students are in preschool or high school, bringing environmental conservation directly into your classroom will benefit not only your school but also help develop a sense of responsibility in your students. Aquarium staff will help you choose an environmental theme to focus on in your class and give you tips on how to weave conservation throughout your curriculum.

Researcher for a Day - Pathology
Saturday, March 13, 2010
9:30 am - 1:30 pm
Cost: $30; Appropriate for teachers Grade 6 - Adult
This thrilling class provides firsthand experience in uncovering the mystery of a marine mammal stranding. Teachers will have the opportunity to be hands-on during a necropsy, an animal autopsy, of a local stranded marine mammal. This workshop will review marine mammal internal and external anatomy, the basics of pathology and information on marine mammal strandings. Join us for this unique immersive learning experience!

Art, Science and Literacy in the Elementary Classroom
Tuesday, April 8, 2010
9:30 am - 12:30 pm
Cost: $20; Appropriate for teachers Pre-K - Grade 5
Let us help you unleash your creativity and discover ways to intertwine the marine world into everyday classroom learning. Observe, draw, count, create and read your way around the Aquarium under the direction of our experienced education staff. From fish printing to puppetry to field guide work, you will be amazed at how many interdisciplinary activities and approaches we have developed to engage your students in science.

Embedded Task Workshops
Curriculum-embedded performance tasks are examples of teaching and learning activities that engage students in using inquiry process skills to deepen their understanding of concepts described in the science framework. Mystic Aquarium & Institute for Exploration workshops combine a discussion of inquiry and the learning cycle model, including analysis of materials and completing the tasks. Workshops also discuss how to make the tasks work in your classroom and how to weave them into your current curriculum. Workshops can be held at the Aquarium or at your school. Please contact Mary Ellen at mmateleska@mysticaquarium.org or call 860-572-5955 ext.156 for additional information.
University of Rhode Island

Global Environmental Change Education
URI OCG 508, 3 Graduate Credits

Where: Coastal Institute, URI Narragansett Bay Campus, Narragansett, Rhode Island

When: Nine classroom sessions all held on Wednesday’s.
March 3, 10, 24 and 31, April 7, 14, 21, and 28, and May 12, 2010.
All Wednesday sessions will begin at 4:00 and end at 6:30 pm.
There will also be two Saturday field sessions, May 1 and 8, from 9:00 am to 3:00 pm.

Fee: $650 per person (additional $175 fee paid separately to CCE if requesting credit). Registration through the URI Narragansett Bay Classroom is required. Call 401-874-6211 to register - do not register through URI’s e-Campus. Purchase of reading materials is required.

Check the Office of Marine Programs website for more information, http://omp.gso.uri.edu

News from NMEA: Looking to the Future
By Lauren Rader, SENEME Chapter Representative to NMEA

The 2009 NMEA Annual Conference - One World Conserving One Ocean - was held in Monterey, CA this past summer. The Southwest Marine/Aquatic Educators put on a wonderful, exciting and educational conference and a good time was had by all those who attended. Once again SENEME was well represented at this national conference! Look out for more information about future NMEA Conferences. In the next few years, the conference will move to Gatlinburg, Tennessee and then on to Boston, Massachusetts. Start planning now for attending one of these inspiring and invigorating events!

As part of NMEA’s dedication to knowledge and understanding of our marine and aquatic ecosystems, the Expanding Audiences (EA) Committee has developed a nomination form and scoring rubric for the Expanding Audiences Conference Scholarship. NMEA members are encouraged to nominate diverse candidates that would benefit from attending the national conference. For more information about the EA scholarship or nomination form, please email me at lrader@oceanology.org. As a SENEME member, it is highly recommended that you join NMEA to take advantage of this and other NMEA opportunities.

Upcoming Events: Next year, the National Science Teachers’ Association (NSTA) Conference will be in Philadelphia, PA. NMEA is once again looking forward to hosting a “Whale of a Share-a-thon”, where attendees are encouraged to stop by and pick up marine and aquatic related activities and stay for the NMEA track of presentations throughout the day. Each chapter hosts a table at the Share-a-thon, and the SENEME table is well known for its welcoming attitude and hands-on activities!

The SENEME Board would like to give special thanks to Connecticut Sea Grant and Rhode Island Sea Grant for their generous sponsorship donations towards the SENEME Fall Conference.
Another Successful SENEME Auction!!

Thanks to the generous contributions of those listed below, the Annual SENEME Auction was another great success. We raised over $1100 that will go towards our Scholarships & Awards Fund. Auction Chair Diana Payne gratefully acknowledges the following individuals and organizations:

Live Auction donations: Mystic Aquarium & IFE, Project Oceanology, Clive Tucceri, Chris Dodge & Family


Announcing: “The North American Lobster In The Classroom”

Announcing a teacher and student-friendly teaching manual about the North American lobster for grades 9 through 12. The majority of content covers the physiology of the lobster, but there are also sections on preservation of the lobster population, environmental issues, and catching lobsters. Included are questions and exercises for students. There are more than 60 illustrations, mostly in full color, that are also contained in an accompanying CD. This product meets several of the Life Science and Personal and Social Perspectives of the National Science Education Standards on Ocean Literacy.

Organized into stand-alone topics, it offers maximum flexibility to the teacher in selecting the content and presentation sequence of the material. It is suitable for your enrichment, gifted and talented, summer, or regular science curriculum programs. The author has collaborated with a Ph.D. candidate in Zoology, and the content is based on information furnished by many educators and researchers, all of whom are acknowledged in the credits.

View sample pages and ordering information at the publisher’s website www.georgesmithpublishing.com. Pricing is $35.00 for one copy, $30 each for 2-4 copies, and $25.00 each for 5 or more copies. Purchase orders and credit cards accepted. Questions? Call the publisher at 732-477-1099 or email him from the website.

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National Ocean Sciences Bowl

“Living on the Ocean Planet” Video Contest

Who is eligible?
Any student enrolled in a high school in the United States is eligible to submit a video. We encourage students to work in teams!

Top Prize:
An invitation to the 2010 NOSB Finals Competition in St. Petersburg, FL on April 23-25, 2010 at the University of South Florida.

Deadline for Video Submission: Friday, January 15, 2010
For more details: www.nosb.org
SENEME MEMBERSHIP APPLICATION

Name:________________________________________________________________________________

Affiliation:____________________________________________________________________________

School/Business Address:___________________________________________________________________
                                           Street

                                               City, State, Zip Code

Home Address:____________________________________________________________________________
                                           Street

                                               City, State, Zip Code

Send SENEME mailings to: (Please Check One): _____ Home Address _____Work Address

Home Phone:________________________________     Work Phone:________________________________

E-mail Address:__________________________________________________________________________

Are you a member of the SENEME Listserv? YES/NO
If NO would you like to become a member of the SENEME Listserv? YES/NO
Would you like to be a member of the SENEME Newsletter Listserv? YES/NO

Membership Category (Please Check One):

_____ Active Member (1 Year $15)

_____ Active Member (2 Years $25)

_____ Active Member (3 Years $35)

_____ Organizational Memberships (Non-Profits Only $100)

_____ Corporate Membership (1 Year $250)

Total Enclosed: ____________

Please return form with checks payable to SENEME.

Mail to: SENEME, c/o Julie P. Ainsworth, 31 Green Springs Dr., Madison, CT 06443

The Nauplius is the newsletter of the Southeastern New England Marine Educators Association Inc. (SENEME) and is published three times per year for members of SENEME. Submissions including (but not limited to) articles, activities to share, student projects, pictures of SENEME members in action, recipes, other organization’s announcements and Bulletin Board items are welcome for all issues. The opinions expressed by authors published in this newsletter do not necessarily reflect the views of SENEME and all its Board members. SENEME is not responsible for any typographical errors that may occur within this publication. Permission is granted by SENEME for readers to make copies of newsletter items for their own, non-commercial use.

Please send submissions and suggestions to Donna Dione, 146 Essex Street, Deep River, CT 06417; e-mail: dmdione@quixnet.net. Please type articles in a Word format. If mailing media, all disks and pictures will be returned. Submission Deadline for the Winter Issue is January 20, 2010.
DATES TO REMEMBER

January 9, 2010 - Oceans à la Carte, URI, Office of Marine Programs, Narragansett, RI, 8:00 am - 4:00 pm

January 21, 2010 - SENEME Board Meeting via Conference Call, 4:30 - 7:00 pm

February 6, 2010 - Quahog Bowl, UConn Avery Point Campus

March 2010 - SENEME Event at Inner Space Center, URI, Narragansett, RI, Date/Time TBA

March 25, 2010 - SENEME Board Meeting, URI Office Marine Programs, Narragansett, RI, 4:30 - 7:00 pm

April 30, 2010 - Long Island Sound Educators Conference, The Maritime Aquarium at Norwalk, Norwalk, CT

May 2010 - Bird Nesting, Project Oceanology, Groton, CT, Date/Time TBA

May 20, 2010 - SENEME Board Meeting, Lenny and Joe's, Madison, CT, 4:30 - 7:00 pm

June 17, 2010 - SENEME Board Meeting, Project Oceanology, Groton, CT, 4:30 - 7:00 pm

July 19 - 23, 2010 - NMEA 2010, Gatlinburg, TN

Has your SENEME Membership Expired? Check your mailing label, and if your membership has expired or soon will, please consider renewing using the form in this newsletter. Thank you!