



NYSMEA Announcements 12/05/05

www.NYSMEA.org

info@NYSMEA.org

Ok folks this is it! You can now go to the [web site](#) and sign up as a volunteer for the National Conference in July. The committee has been working tirelessly on this effort. This is not our usual (great) conference. We expect over 400 people from all over the United States and several foreign countries PLUS our own NYSMEA members. You must come forward and help us to make this enterprise a success! Responsible high school seniors, college students and the rest of us are needed to assist with and chaperone every aspect of the conference. We know that you won't let us down!

(Note: Registration materials and Request for Presenters will be available shortly)

Next conference/Board meeting to which all are invited is just before the great lecture and Holiday Party listed below on Sat. Jan 10th. The meeting is at 2:00 to 6:00 pm at the Science Museum of Long Island in Plandome Manor [Directions](#) Please contact Sarah Richards (srichards@saintannsny.org) by Wednesday if you are planning to attend the conference planning meeting.

Meetings are also scheduled for Jan. 8th 10:30 at the NY Aquarium
Jan 25th 6:00 at Oceanside H. S.

Holiday party and Lecture

**"Conservation of Fish Resources in Amazonia, Brazil" and
"The Effect of Scallop Drdging in the New York Bite Substrate"**

by Dr. Bill Phoel, Undersea Research Foundation International, Inc.

[Details and Directions](#)

Please contact Anita Freudenthal (hfreudenthal@cs.com) if you are planning to attend the holiday party after the meeting. She needs a count so that she may plan accurately for how much food to order. Also let Anita know if you are planning to bring any guests. A major part of the evening will be eating scallops which have to be prepared outside on the porch using portable stoves. If you have a coleman or similar gas stove please email Anita immediately.

EPA needs your assistance!

EPA Region 2 has received more than 100 applications for the 2006 Environmental Education Grants Program. This is a number that surpasses our totals for the past few years and is a strong indicator of the public's interest in and need for this funding.

If you are interested in being a reviewer, (beginning Dec 15th,) please send me a resume or CV indicating your experience in environmental education. Feel free to call me with any questions.

Teresa (Terry) Ippolito

Environmental Education Coordinator/Education Press

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SAVE THE DATE Wednesday, February 1, 2006

Nassau STANYS Mid Winter Motivators
South Side High School Rockville Centre (Same location as last year)

Schedule

3:45 - 4:00 PM Registration

4:05 - 5:00 PM Session 1

5:05 - 6:00 PM Session 2

Dinner

There will be several choices for each session representing all science content areas.

A certificate of attendance will be provided to each teacher attending.

If you have any questions please write to me off list.

Jason Horowitz Nassau STANYS Chairperson

Nassau STANYS web site <http://www.geocities.com/nassaustanys>

Tip

Search the Digital Library for Earth System Education (DLESE)

(www.dlese.org) for oceans, climate, or any other keyword search you desire; add your desired grade level, and select dataset as desired resource type, and you will come up with several weather and climate resources using data.

Great overnight activity for your students observing seals and more at Project Oceanology the region's premier overnight facility for Marine Science school groups at Groton Ct.

Details

<http://www.nysmea.org/act/a120505/sealls.pdf>

At the request of the speaker, *Dr. David Secor's December 9, 2005* Hudson River Foundation seminar, */Recovery and Status of Shortnose Sturgeon in the Hudson River/*, will be postponed until *Tuesday, January 10, 2006*. We hope to see you then.

effective teaching

Grant Title: Toyota Tapestry Grant Program

Organization: Toyota Motor Sales USA Inc. and the National Science Teachers Association

Eligibility: K-12 science teachers

Value: Fifty awards of up to \$10,000 each; 20 mini-grants

Deadline: January 19, 2006

The awards will focus on three areas. The Environmental Science Education category funds projects that emphasize the efficient use of natural resources and protection of the environment. The Physical Science Applications category includes projects that relate the laws, principles, and concepts of science (physics and chemistry) to phenomena and events relevant to students' lives. Unique ways of applying science to technology and making physical science more accessible to students are encouraged. The Literacy and Science Education category will focus on the development of literacy skills in the context of science teaching and learning.

Contact: <http://www.nsta.org/programs/tapestry/program.htm>

Watershed Education Grant Applications Available

The Catskill Watershed Corporation (CWC) is accepting Watershed Education Grant proposals from schools and non-profit organizations serving Pre-K through 12th grade audiences in the New York City West-of-Hudson (WOH) Watershed and/or within the five boroughs of New

York City. This program is offered in partnership with the NYC Department of Environmental Protection.

Proposals must be postmarked by February 10, 2006.

Proposals must be for education projects and programs that help increase awareness of the human and natural history of the WOH Watershed and the New York City water supply system. Proposals may focus on the critical role of communities in caring for water quality in the watershed, the importance of water conservation, the history and contemporary use and operation of the vast water system, or the cultural and biological diversity of the city's WOH Watershed. (Projects for East-of-Hudson Watershed audiences are ineligible for funding.)

Applications and information are available at (www.cwconline.org, go to Programs/Education; or, you may call 845-586-1400, ext. 29 (toll-free 877-WAT-SHED) to obtain an application packet by mail. Questions may also be directed to galusha@cwconline.org.

Hello Marine Educators!

My name is Amy Cline from the Coastal Observing Center at the University of New Hampshire. I am currently working on a project titled "How to Teach Oceanography Through Art" and would like to know about how you have used art to teach an ocean related concept (or a science concept that is easily transferable to oceans) in your classroom or educational setting. Any information you can send on this topic would be helpful. If you can send a short description of what you did, the materials it took and why it helped your students better understand the topic, this would be really helpful. Part of this book and workshop will be a compilation of lessons previously created by teachers and new ideas to be demonstrated and tested. I am looking for a short description of key pieces of information, materials and concepts taught to make this work. If you have the lesson plan to send with it that is even more helpful but not a requirement. I am looking for ideas for what has already been done and why it was successful. If you have more information to share about the project and what to share, please do! Images of what was created would be Excellent, but again is not a requirement. Please send your ideas at your earliest convenience as there is a short deadline to this project. THANKS!

Thanks for your help and I look forward to hearing about your ideas!

Best- Amy Cline

Amy Holt Cline
Education and Outreach Coordinator COOA
Coastal Ocean Observation and Analysis
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603-862-3680

Hello all,

The American Museum of Natural History's **Seminars on Science** Program is offering THREE online courses in Oceanography in 2006. The courses are challenging, engaging and fun and were developed specifically for educators. **The Ocean System** has quickly become one of our most popular courses, and works well for teachers of all grade levels:

[**The Ocean System \(All Semesters\)**](#)

[**Integrated Science**](#)

The physical characteristics of the ocean and its related systems have framed its origin, incredible diversification of life,

and amazing ecosystems, like coral reefs and mangrove forests. This seminar explores how oceanographers investigate the role that symbiotic relationships and other biological adaptations have in the dynamics of oceans, a dynamic that is being threatened by human activities and consumption.

This semester we are also offering:

[**The Diversity of Fishes \(Winter and Summer 2006\) Classification, Anatomy and Morphology**](#)

And coming in the Summer 2006 semesters:

[**Sharks and Rays \(Summer 2006\) Ecology, Classification and Evolution**](#)

Each course is just six weeks long and **all are available for full graduate credit** through a number of partner universities. Since the courses are entirely web-based (meaning there is no need to come to the museum), they are perfect for teachers who need something that fits into a busy work schedule. There are weekly assignments you must complete, but *the time and day that you complete them is up to you*. Feel free to contribute to discussion after school, or at midnight, or over breakfast on Saturday morning!

Course registration for the Winter semester ends January 5th, and classes start January 16th. **Register before December 19th to receive a \$50 discount.**

For more information on the courses, please visit our website at: learn.amnh.org

Or feel free to email me at seminfo@amnh.org

Best,
Katie Rasmussen
Outreach Coordinator
Seminars on Science

VOLUNTEERS NEEDED FOR THE BAY SCALLOP BOWL

The Marine Sciences Research Center at Stony Brook University is hosting the fifth annual **Bay Scallop Bowl**, the New York regional competition of the National Ocean Sciences Bowl (NOSB). The program encourages students in grades 9-12 and teachers to broaden their understanding of the ocean sciences and the impact of the oceans on global climate, weather, economic structure, history and culture. The NOSB provides a forum for students and teachers to establish connections with others who share similar interests and to build a network of support for continued exploration into the ocean sciences. The competition will be held on **Saturday, March 4, 2006** at the University. Sixteen teams from counties throughout New York State will gather for the day-long event and compete for a chance to go to the national competition in Monterey, CA.

The last four years have been very successful due to the enthusiastic participation of our volunteers. 80+ volunteers are needed to fill various positions. In the past, our volunteers have really enjoyed the day! I hope that you will join us.

Please contact Paula Rose at BayScallopBowl@yahoo.com if you are interested in volunteering.

The ARMADA Project, Research and Mentoring Experiences for Teachers is now accepting applications for Year 4 of the project. **The ARMADA Project provides K-12 teachers an opportunity to actively participate in ocean, polar, and environmental science research and peer mentoring.**

[Details](#)

Job Opportunities

1) Camp SEA Lab Office Coordinator

Camp SEA Lab is currently searching for a dynamic and enthusiastic individual to join our team. The Office Coordinator will be responsible for managing the day to day office related functions, support program development, providing support to families and registering individuals and managing a new volunteer program. Camp SEA Lab's mission is to foster a sense of excitement, scientific understanding, and stewardship of our coasts and oceans.

Please see the attached job description for further details.

Interested candidates must apply through the Foundation of CSUMB. Please apply on-line at

<http://uhr.csUMB.edu/jobs/db/fp/>

Applications are due by December 23rd, with interviews beginning in early January 2006. For more information regarding this position please contact the Camp SEA Lab office.

2) Camp SEA Lab Outdoor School Naturalist

Camp SEA Lab is looking for enthusiastic, caring and dedicated individuals who want to help educate today's youth about the marine environment. Camp SEA Lab recruits individuals who are positive role models, enthusiastic educators and want to

challenge themselves professionally. Under the guidance of our staff, campers help to learn new skills, build self-esteem, make new friends, gain confidence and most importantly HAVE FUN!

To apply, please visit the Camp SEA Lab website at www.campsealab.org to download an application. Please see the complete job description attached.

Spring Outdoor Education Naturalist: Provide students an opportunity to learn in a classroom without walls. Help teach children to discover the environment and facilitate opportunities for students in the 3rd through 8th grades to explore the marine environment. Work with teachers, chaperones, and a group of 10-15 students and provide instruction in a field setting. Naturalists are responsible for preparing and presenting their own lessons, and ensuring the safety of all students in

their group during field experiences. All staff are expected to complete a week of staff orientation provided to them prior to the start of employment, and be First Aid and CPR certified.

Thank you for helping to get the word out about this opportunity. If you have any questions please do not hesitate to contact the Camp SEA Lab team.

Cheers!

Maile Sullivan and Tracey Weiss

Camp SEA Lab

100 Campus Center Bldg 42

Seaside, CA 93955

Phone: (831)-582-3681

Fax: (831)-582-3691

The North Carolina Maritime Museum is now advertising for an education branch curator responsible mainly for school programs, but also supervising aquarium maintenance. Other duties include conducting and coordinating some public programming.

See:

<http://osp.its.state.nc.us/positiondetail.asp?vacancykey=4802-1000-0002-896>

Please follow application directions stated with the job description. Applications are not accepted at the North Carolina Maritime Museum.

JoAnne Powell Curator of Education

Applied Environmental Education Program Evaluation – NEW online course

This 10-week on-line course entitled "Applied Environmental Education Program Evaluation," will be offered this spring (February 20 – May 5, 2006) through the University of Wisconsin-Stevens Point.

The course is designed to assist environmental educators and natural resource professionals in evaluating their education programs.

Participants have the opportunity to develop and apply skills in designing evaluation tools such as surveys, observation forms, and interview and focus group guides. This course was developed as a cooperative effort between the Environmental Education and Training Partnership (EETAP) at the University of Wisconsin-Stevens Point and the U.S. Fish and Wildlife Service (FWS) National Conservation Training Center. Participants may obtain three undergraduate or graduate credits

from the University of Wisconsin-Stevens Point. All participants, regardless of location, are eligible for the in-state tuition rate. The course is also offered as a non-credit workshop for those who are not seeking college credit. The non-credit workshop option is prepaid for 5 FWS participants per session by the National Conservation Training Center

“Thank you for such a great opportunity in on-line learning. I really liked the class format, course information and Lyn’s (course instructor) comments on assignments. I would definitely recommend this class to others.” – Spring 2005 AEEPE course participant

FWS employees should register on-line through the National Conservation Training Center at <http://training.fws.gov/applic.html> using the following course number (OUT8W02). Contact Georgia Jeppesen at (304) 876-7388 or georgia_jeppesen@fws.gov if you have questions.

All others should register through the University of Wisconsin-Stevens Point by contacting Angela Arkin or Jennifer Jenquin in the Extension office at (715) 346-3854 (Angela.Arkin@uwsp.edu or Jennifer.Jenquin@uwsp.edu) to request a registration form.

To learn more visit the EETAP website at <http://www.eetap.org/> and click on "On-line EE Courses."

Fundamentals of Environmental Education Online Course

A 10-week online course about the fundamentals of environmental education will be offered this spring (February 6 – April 21, 2006). The course is appropriate for both classroom teachers and for non-formal educators who work with students and/or teachers. Participants may obtain three undergraduate or graduate credits from the University of Wisconsin-Stevens Point. All students, regardless of location, are eligible for the in-state tuition rate. The course is also offered at a reduced cost for those who are not interested in obtaining college credit.

The "Fundamentals of Environmental Education" online course was developed by the Environmental Education and Training Partnership (EETAP) in collaboration with national EE experts. It provides educators with the knowledge and skills necessary to incorporate quality environmental education into their instruction. Participants discuss the history, definition, and goals of environmental education; develop an understanding of the professional roles and instructional methods of environmental educators; and interact with other educators from across the country. Past course participants have given the course excellent reviews.

“This is a remarkable course. It is very well organized and in a way that I find models teaching organization we can all strive for. I enjoyed the opportunity to read about other people's experiences and to benefit from their knowledge and experiences. I also enjoyed reading the helpful comments the instructor gave me and others on the discussion board. What a wonderful opportunity!” – Spring 2005 FEE course participant

For more information, please visit www.eetap.org and click on “Online EE Courses” or contact Angela Arkin (Angela.Arkin@uwsp.edu) or Jennifer.Jenquin (Jennifer.Jenquin@uwsp.edu) for a registration form.

If you do not wish to receive these Announcements in the future Just send an email to Info@NYSMEA.org and place "Please Remove" in the subject line.

www.NYSMEA.org