Please submit calendar items to Claire.Mickletz@state.de.us

In this edition:

- DAEE News
- Workshops and Conferences
- Environmental Education Programs
- Curricula and Professional Development
- Grants and opportunities
- Interesting websites to visit
- Job/internship announcements
- National Association of Environmental Education News

Upcoming Events

DAEE Member Outing- Mock Horseshoe Crab Spawning Survey
May 25, 6:00-8:30 pm
Mock Horseshoe Crab Spawning Survey at Delaware National Estuarine Research Reserve
Join Reserve Staff to learn more about the horseshoe crab and how their numbers are tracked in the Delaware Bay by researchers, volunteers, and non-profits. The event will include first-hand experience on the beach counting the crabs so come prepared to get wet and dirty.

- YOU MUST WEAR CLOSED TOED SHOES. You will not be allowed to join on the field trip portion to the beach for viewing and counting if you are not dressed in proper footwear.
- There will be some walking on uneven surfaces and sand
- Please dress in layers as it can be colder on the beach, as well as long layers will help protect you from bugs.
- A suggested but not required item is a headlamp, we have enough for everyone but if people prefer to wear their own.

Please note, this is for Members only. Members may not bring non-member guests without prior approval. Registration required, please contact Maggie Pletta at Margaret.Pletta@state.de.us or 302-739-6377 to reserve your spot.

Save the Date for the following Member Events

- Canoe trip on Blackbird Creek, September 8, 11:00 am- 1:00 pm
- Networking Lunch and Happy Hour, September 8, 1:30 pm- 3:00 pm

Not currently a DAEE member? Join now at https://2018daeedrive.eventbrite.com
Welcome New Members and Board!
Board Chair, Lisa Watt
Vice Chair- Angel Burns
Treasurer - Ashley Melvin
Co-treasurer - Trish Gerken
Secretary - Maggie Pletta
Co-Secretary - Penny Rodrick-Williams
At Large- Todd Klawinski

9th Annual Conference Recap!

Thank you to everyone who came to Postlethwait Middle School in Camden for the 2018 Powered By Nature DAEE Conference! We had 102 attendees, 20 Sessions, 13 Posters, including 12 student posters and a ton of fun! Thank you to all of our presenters and sponsors for a great day!
The day opened with our keynote speaker, Connie Hendricks, Head of School at The Jefferson School. We then held our business meeting and elected board members, Angel Burns, Austin Conley, Stacey Helmer, Connie Hendricks, Lindsay Lancaster, Todd Klawinski, Brian Marsh, Ashley Melvin, Christopher Petrone, David Pragoff, Penny Rodrick-Williams and Lisa Watt. Welcome new/returning board!
Conference attendees then broke into one of four different sessions for the day. Some sessions offered included Starting a School Vegetable Garden, the Delaware Outdoor Classroom Network, Eco-schools, working with Urban Audiences, making microscopic plankton with 3-D models, visiting the outdoor classroom at Postlethwait and many more. During lunch, attendees were able to visit the posters and speak with students from the Tatnall School, St. Anne's Episcopal School, The Jefferson School and Postlethwait Middle School. This was our first year inviting students to present posters at the conference and they did an excellent job on both the posters and answering all the questions the attendees had for them.
Overall, the conference attendees were very satisfied, with many of our attendees hearing about it from the newsletter! Thank you to everyone who participated in the conference and in the silent auction, we had the best year yet for raising money for our scholarships and grant through the auction.

View our Facebook page for more conference photos: https://www.facebook.com/DAEEpage/

A very special thank you to Postlethwait Middle School for hosting this year's conference!
Thank you to our conference lunch sponsor, New Castle Conservation District.

**Upcoming Workshops, Events and Conferences**

**Earth and Arbor Day Celebration**
April 20, 11-2, Rodney Square, Wilmington  
[More Information here](#)

**Delaware Envirothon**
April 26, Swartzentruber Farm, Greenwood

The 22nd annual Delaware Envirothon Challenge will be held on April 26th at the Swartzentruber Farm in Greenwood. 22 teams representing Archmere Academy, Charter School of Wilmington, Delaware Military Academy, Newark Charter School, MOT Charter School, Middletown High School, Polytech High School, Calvary Christian Academy, Peach Blossom 4-H Club and Sussex Tech High School will test themselves on Aquatic Ecology, Air Quality, Forestry, Soils/Land-Use, Wildlife, Public Speaking, and the special topic of Pasture Management. Registration is closed but visitors are welcomed to attend and learn first-hand about this outstanding environmental education event which is a program of the Delaware Association of Conservation Districts. For more information contact Rick Mickowski at [rick.mickowski@state.de.us](mailto:rick.mickowski@state.de.us) or at 302-365-8979.

**Science Saturday at The Jefferson School**
April 28, 11-2
Also accepting volunteers!

**Delaware STEM Symposium and Educator Awards**  
May 2, 2018, Delaware State University  

**Delaware Sea Grant Upcoming Workshops**  
Based out of the UD-Lewes campus, Delaware Sea Grant will be running the following summer workshop opportunities for Delaware teachers and informal educators. For more information on any of these programs, please contact Christopher Petrone at petrone@udel.edu.

**2018 Climate Change Academy for Educators**  
- **Self-paced online** component starts Monday, May 21, 2018  
- **In-person** component runs Tuesday, June 26 - Thursday, June 28, 2018  
**Location:** University of Delaware, Hugh R. Sharp Marine Studies Campus, Lewes, DE  
Lodging and meals will be provided
Do you want to teach about climate change?

NOAA, Delaware Sea Grant, and MADE CLEAR invite classroom teachers and informal educators to apply for this exciting professional development opportunity!

**Join us to:**
- Learn how to bring climate change and Earth system science into your classes
- Get started with climate change education in a self-paced, on-line component
- Meet climate science experts, and use real climate change data
- Try out three-dimensional NGSS-based lessons and field studies

**We’ll focus on lessons and activities to investigate:**
- The causes and effects of a changing climate
- How climate change is impacting ecosystems, cities, farms, and coasts
- Solutions and stewardship activities to address climate change

**You will receive:**
- Materials and resources to start or continue your climate change teaching portfolio/tool box
- A stipend of $300 for completing requirements
- Optional MSDE professional certification hours for completing requirements
- Clock hours toward recertification (Delaware teachers only)

**To register,** visit: [https://tinyurl.com/ClimateMWEEAcademy](https://tinyurl.com/ClimateMWEEAcademy)

**For more information** contact Pat Harcourt ([pharcourt@umces.edu](mailto:pharcourt@umces.edu)), Bart Merrick ([bart.merrick@noaa.gov](mailto:bart.merrick@noaa.gov)), or Christopher Petrone ([petrone@udel.edu](mailto:petrone@udel.edu)).

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**Marine Debris for Makers**

**August 1, 9am-4 pm, UD Hugh R. Sharp Campus, Lewes**

**Cost:** $10

On September 16, 2017, 1,567 volunteers collected 3.8 tons of trash from Delaware's beaches, creeks, and boat ramps, as a part of the 30th annual Delaware Coastal Cleanup. Everywhere we look, we see trash--roadways, farm and ball fields, parking lots, even our own backyard. A lot of this trash ends up in Delaware Bay, the Inland Bays, and eventually, the ocean. In this hands-on educator workshop, participants will hear from scientists about our ongoing plastic epidemic, and what can be done about it. We will explore a local beach, collecting debris/treasures, and then delve into the maker movement and learn how scientists engineer sampling gear and 3D print model habitats. Participants will then use the collected beach debris to create artwork or respond to a maker challenge!

In-service teachers will receive six clock hours toward re-certification.

For more information, please contact Christopher Petrone at [petrone@udel.edu](mailto:petrone@udel.edu).

**Environmental Programs**

Did you know? Delaware Outdoor Classroom Network

The Delaware Outdoor Classroom Network is a joint effort between Delaware Children in Nature and the Delaware Association for Environmental Education designed to be a way for teachers, environmental education providers and others to share resources, successes, and solutions to outdoor classrooms and getting students outdoors. You can find resources and funding opportunities at the Delaware Outdoor Classroom Network!

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**EE Week starts April 23!**

NEEF is inviting everyone (individuals and organizations) to use EE Week 2018, set for April 23 – 29, to explore their own connections to the environment, showcase how they are making a difference on behalf of the environment, and share their stories to help others join the charge

**EE Week Resources**

**Ag Day** at the University of Delaware, **April 28**, from 10-4 p.m. [http://canr.udel.edu/ag-day/](http://canr.udel.edu/ag-day/)

**Delaware Nature Society Programs**

DNS provides high-quality, professionally taught and exciting programming for all age ranges and for novices and professionals. Get outdoors and discover! [http://tinyurl.com/lh8ho4n](http://tinyurl.com/lh8ho4n).
Upcoming Events from the Brandywine Zoo
The Brandywine Zoo offers a variety of educational programming for all ages. For more information, please visit BrandywineZoo.org to see our online calendar or register for a program.

Delaware Museum of Natural History Events
The Delaware Museum of Natural History's mission is to excite and inform people about the natural world through exploration and discovery. Visit www.delmnh.org/events/ for an online calendar and more information.

- Earth and Space Weekend, April 21-22
- Arbor Day Celebration, April 28

Bombay Hook Events
Visit www.fws.gov/refuge/Bombay_Hook/Events.html for the latest events.

Mt. Cuba Center Classes & Programs
www.mtcubacenter.org/calendar

- Wildflower Celebration, April 29

State Park Programs
Visit www.destateparks.com for a complete listing of events.

- April 28, 10 am- 4 pm, Delaware Goes to War, Fort Miles at Cape Henlopen State Park
- May 5, noon-4 pm: White Clay Creek Fest at White Clay Creek State Park
- May 5, Trap Pond Partners 15th Annual Bike Rally
- Become a Delaware Outdoor Family http://www.destateparks.com/dof/

Curricula & Professional Development

EE and Science for Visually Impaired Students
Find Resources Here

Cornell Lab of Ornithology Free Webinars and Summer Retreat
BirdSleuth offers a variety of free webinars each month open to all educators. All these fun and interactive webinars provide background content, highlight new and relevant educational resources, and allow discussion for successful implementation of such information and activities. Each webinar is roughly 45 minutes with 15 minutes allocated for questions. http://www.birdsleuth.org/free-webinars/#engineering
Get the Birdsleuth Explorer's Guidebook here: http://www.birdsleuth.org/guidebook/

Summer Educator Retreat  The Cornell Lab of Ornithology will open its doors to educators from around the US and beyond for four action-packed days, July 18-21. Through fun activities and lively presentations, you'll gain new ideas, innovative resources, and a fresh perspective. Space is limited!

Grants

National Environmental Education Foundation (NEEF)

Captain Planet Foundation
Educators, both K-12 classroom and informal, who are interested in receiving support for students to design and implement hands-on environmental solutions are eligible for project funding. More information here

Whole Kids Foundation
**School Garden Grant Program**

**Interesting Websites to Visit**

A Teacher's Guide to Delaware's State Parks: [http://tinyurl.com/ohwtfmy](http://tinyurl.com/ohwtfmy)

Eco-Schools USA: [https://www.nwf.org/Eco-Schools-USA.aspx](https://www.nwf.org/Eco-Schools-USA.aspx)

Nature Works Everywhere: [https://natureworkseverywhere.org](https://natureworkseverywhere.org)

Successful STEM Education Resources: [www.successfulstemeducation.org/resources](http://www.successfulstemeducation.org/resources)

**Job/Volunteer Announcements**

Healthy Food for Health Kids
Children's Garden Educator
[https://drive.google.com/file/d/1hEh8ytM0MSyNUtSg31Ue7v7E9s5LR8Em/view?usp=sharing](https://drive.google.com/file/d/1hEh8ytM0MSyNUtSg31Ue7v7E9s5LR8Em/view?usp=sharing)

Seasonal Park Interpreters/Camp Counselors
Delaware State Parks
[www.delawarestatejobs.com](http://www.delawarestatejobs.com)
New Castle County
[Multiple Park Locations](http://www.delawarestatejobs.com)

Various Part-time Positions
Mount Cuba Center
[www.mtcubacenter.org/employment/](http://www.mtcubacenter.org/employment/)

Various Full-Time and Part-time Positions
Delaware Nature Society
[http://www.delawarenaturesociety.org/Employment](http://www.delawarenaturesociety.org/Employment)

Various Positions
Chesapeake Bay Foundation

Delaware Green Jobs
[http://delaware.greenjobs.net/](http://delaware.greenjobs.net/)

Curriculum and Professional Development Coordinator for the Oregon Outdoor School. Oregon Natural Resources Education Program and the Oregon Outdoor School Program, OSU Extension Service, are pleased to share the opening for a This Outdoor School position will be located with the Oregon Natural Resource Education Program and work closely with the Program Leader for Outdoor School. [Position description and job announcement](http://www.cbf.org/about-cbf/jobs-internships/jobs/)

Applications will be accepted until 4/26/2018

**NAAEE NEWS**

Save the Date for the 2018 Conference & Research Symposium
October 9-13, Spokane, WA

- Scholarship applications accepted until June 8

Visit [naaee.org/conference](http://naaee.org/conference) for details.
News from the Natural Start Alliance

NAAEE Monthly Webinar: Science Standards (NGSS) and EE: What's the Connection? April 30 at 3:00 pm EST
More Information and Register Here

Join NAAEE's eePRO community to network with environmental education professionals around the world.

Delaware Association for Environmental Education promotes environmental and outdoor education to facilitate positive community impact on the conservation and sustainability of Delaware's Resources.

Visit DAEE at http://daeeonline.org

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