

# Pennsylvania

Science Matters eBlast

March 8, 2017



This issue of the Science Matters eBlast is filled with Pre-K through high school opportunities and resources for both teachers and students. Please share the eBlast with your colleagues. All eBlasts are archived in the Content Repository of the SAS [Science Learning Community](#).

## Professional Opportunities

**CSATS partners** with science and engineering researchers at Penn State and industries to improve STEM education through innovative outreach programs. Work with researchers at Penn State University, Westinghouse in Pittsburgh, PA, or with the Penn State CHANCE program in Costa Rica! We design, develop, and implement programs for K-12 and higher education focused on incorporating the practices of science and engineering into classrooms as well as informal learning environments.

During summer 2017, teachers can engage in exciting opportunities to work alongside researchers in academic, industry or a field experience in Costa Rica. Teachers will design and develop a classroom research project translating their research experience into the classroom and present their research at the annual REU/RET Symposium at Penn State! Teacher stipends range from \$5,000 - \$6,000.

- [Conservation and Sustainability in the Rainforest](#) with the Penn State CHANCE Program: Costa Rica
- [Meteorology Research](#): University Park, PA
- [Nano-Scale Engineering Research](#): University Park, PA
- [Nuclear Engineering Research](#): Westinghouse Corporation Pittsburgh, PA

[Applications](#) are due **March 31**. [Contact CSATS](#) for more information.

**Additional Penn State CSATS Summer Workshops** have been posted and are listed online. [Check them out!](#) Check out their [online calendar](#) that lists upcoming workshops. Three exciting opportunities are listed below.

**The PA Game Commission, PA Department of Environmental Protection and ZOOAMERICA** is hosting a **FREE** *WILD in The City Educator's Workshop: Peregrine Falcons*, on Wednesday, April

6<sup>th</sup>, from 9:00 a.m. – 3:00 p.m., in the Rachel Carson State Office Building’s 2<sup>nd</sup> floor Auditorium in Harrisburg (lunch is included). Participants will explore the successes of peregrine falcon reintroduction in Pennsylvania; examine falcon specifics and endangered species concepts; and observe falcons in Harrisburg. Participants receive 5.5 Act 48 credit hours and copies of the peregrine falcon and Project WILD educator guides. Email Ann Devine ([adevine@pa.gov](mailto:adevine@pa.gov)) for more information and registration form. The **registration deadline is April 6.**

**Project Learning Tree (PLT)** workshops are available this spring. Costs include materials for each session. PLT is one of the premier environment and ecology programs available for classrooms.

Date	Workshop	Location	Information/Register
3/24	PLT (preK-8) 9:00 – 3:00 \$25	Kings Gap Environmental Education Center	717-486-3799 <a href="mailto:sberg@pa.gov">sberg@pa.gov</a>
3/25	PLT Focus on Forests (PreK-12) 8:30 – 3:00 \$20	Moraine State Park	717-486-3799 <a href="mailto:sberg@pa.gov">sberg@pa.gov</a>

If you are interested in taking a Project Learning Tree workshop but these dates do not work for you, consider PLT’s online training option. By accessing PLT’s web-site, you can participate in online training and download the electronic materials or purchase the printed materials. More information: [www.plt.org/trainings/online/](http://www.plt.org/trainings/online/)

**Applications for grants** to promote Organ Tissue Donation Awareness are available. Up to \$9,000 is available over a three year period for schools to assist in the implementation of Organ and Tissue Donation Awareness into your curriculum. [Applications](#) are on the OTDA website.

**PA State Parks** continue to [offer innovative, multi-modal educator workshops](#) across the state. New sessions for after the first of the year have recently been added. Participants will receive Act 48 credit.

Date	Workshop	Location	Information/Register
March 18	Go Teach: GPS Educator Workshop	Presque Isle State Park	<a href="#">Register online</a>
April 1 and May 6	Watershed Education Educator Workshop	Raccoon Creek State Park	Patrick Adams: <a href="mailto:paadams@pa.gov">paadams@pa.gov</a>
April 8	Project WILD Educator Workshop	Parker Dam State Park	Email: <a href="mailto:cahuber@pa.gov">cahuber@pa.gov</a>
April 8-9	Watershed Education	Presque Isle State Park	<a href="#">Register online</a>
April 13	WILD in the City: Peregrine Falcons Workshop	Rachel Carson State Office Building	Ann Devine: <a href="mailto:adevine@pa.gov">adevine@pa.gov</a>
April 21	Growing UP Wild Educator Workshop	Prince Gallitzin State Park	Beth Garner: <a href="mailto:bgarner@pa.gov">bgarner@pa.gov</a>
May 4	Project WET Educator	Caledonia State Park	717-485-3948

	Workshop		
May 6	Project WET Educator Workshop	Black Moshannon State Park	Email: <a href="mailto:blackmoshannonee@pa.gov">blackmoshannonee@pa.gov</a>
May 10	Project WILD Educator Workshop	Nescopeck State Park	<a href="#">Register online</a>

## Grants, Awards, Contests, Professional Opportunities

Award/Opportunity	Deadline	Information
<a href="#">PAEMST</a>	April 1 / May 1	Presidential award for 7-12 teachers of science

## For Students

Award/Opportunity	Deadline	Information
<a href="#">PSTA Logo Competition</a>	March 17	Students in all grade levels
<a href="#">Schuylkill Acts &amp; Impacts</a>	March 24	Students in grades 9 – 12
<a href="#">Witnessing Change Video Competition</a>	April 1	

## Science Matters Information

If someone sent you this eBlast, you can become a member of Science Matters to receive it directly! Go to: <http://pascience.org/Science-Matters.php>

Science Matters is an initiative of the Pennsylvania Science Teachers Association and the National Science Teachers Association to promote quality science education, through the sharing of information, resources, and professional development opportunities. The Pennsylvania state coordinator is Dave Bauman: [davbauman@pa.gov](mailto:davbauman@pa.gov).