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. It is also available in the Science Learning Community of SAS. If you have questions or items for Science Matters, contact Dave Bauman: davbauman@pa.gov

Science in the News

St. Vincent College’s . . . STEAM Forward event was reported in the TRIB Live.

If you or your school is featured in local media, please let us know and we will feature it here.

International Achievement in mathematics and Science . . . Both PISA and TIMSS released their 2015 student achievement scores this month. It is worthwhile to go beyond the scores and look into the focus of science education in the different countries.

The Pennsylvania Science Framework will be moving to the Curriculum Framework section of SAS the first part of January. At that time, the interactive/dynamic section will be disabled and the science framework will only be available in word/pdf files. A shout out is well deserved for the 500+ individuals from across the commonwealth who worked on the framework! Thank you!

PSTA Leadership Day – A Common Vision of Science Education in Pennsylvania was held in State College in conjunction with the PSTA Conference. All three days were incredibly dynamic and set the stage for science education for Pennsylvania for the coming years. Brett Moulding, Peter McLaren, and Carla Zembal-Saul provided the vision and direction for Pennsylvania . . . and a plan of action was developed by participants. Look for a professional development session coming to you in the coming year. Planning is already underway for the 2017 conference in State College (Nov 28, 29, & Dec 1, 2017).
Professional Opportunities

**The August 2017 BEETLES Leadership Institute** is now open for application. The BEETLES Institute will take place from August 6th-11th, 2017, in the Sierra Nevada Mountains of California. Applications are due Monday, January 16th, 2017. This is the first of five FREE (including room/board and a travel stipend) Institutes, funded by the National Science Foundation over the next three years. Each Leadership Institute will engage participants in stimulating conversations, build leadership expertise, share wisdom across a variety of programs, and model research-based resources for professional learning and student experiences. The Institute is open to all outdoor environmental education programs that use science as a lens for looking at nature. Learn more and apply: http://beetlesproject.org/leadershipinstitute/

Reminders

**SAS Training** – Coming to a location near you will be a SAS Training held by the Content Advisors from PDE. It is designed to review all the new enhancements and resources within the SAS Site. For example, science and technology educators will be meeting together to review all the resources available to assist districts in developing curricula, assessment, and support of programs. Sessions are planned for Pittsburgh PaTTAN, Colonial IU20, Harrisburg PaTTAN, State College, Northwest Tri-County IU5, Hilton Scranton, and East PaTTAN. Registration is located at IU 5.

**PA State Parks** continue to offer innovative, multi-modal educator workshops across the state. Participants will receive Act 48 credit. Continuous updates of workshops can be found at: http://pennsylvaniagov.enterprise.localist.com/search/events?search=teacher+workshops

Grants, Awards, Contests

**NYSC** – The National Youth Science Camp is now accepting applications for graduating high school students from Pennsylvania. The camp is limited to two students from each state, which is an amazing honor. This is a phenomenal experience for students that will take place in West Virginia, June 14-July 8 . . . and all expenses are paid! Applications are now available online. Start the process immediately!

**NSTA Awards and Recognition Program** recognizes exceptional and innovative science educators. The deadline for all awards is December 15, 2016. NSTA Awards and Recognitions.

**The Presidential Awards for Excellence in Mathematics and Science Teaching** application will be available the first week of November. PAEMST is a phenomenal program that recognizes excellence in the teaching of science. By going to the PAEMST website, you can sign up for notification of information regarding the program.
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.