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Spring break may be here but the STEM never rests!

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April 14, 2016

Another Action-Packed Month of STEM Programming with AEOP

For many students, April means spring break. For the science, technology, engineering and math (STEM) community it's an incredibly busy month. We honor special days like Earth Day (April 22), and celebrate the birthdays of pioneers like Jane Goodall (April 3) and Leonardo da Vinci (April 15).



Bright Ideas at #WHScienceFair

AEOP students enjoyed participating in the 6th White House Science Fair and showcasing their great work to President Obama.



White House Science Fair and USA Science & Engineering Festival Take Over the District

For students and volunteers in Army Educational Outreach Programs (AEOP) the month of April is about competition and celebration. We had the pleasure of cheering on students

from several AEOP-sponsored programs who were among the budding scientists and engineers

presenting at the [6th Annual White House Science Fair](#). The event, hosted by the Office of Science and Technology Policy, highlighted a variety of student projects and featured special exhibits encouraging youth interest in STEM. In attendance were students from Junior Science and Humanities Symposium (JSHS), Junior Solar Sprint (JSS) and eCYBERMISSION AEOP students have been invited to attend the White House Science Fair since its inception in 2010.

If that wasn't enough, the 4th [USA Science and Engineering Festival](#) will have us rocking out to our favorite STEM rock stars, They Might Be Giants, and exploring every kind of science and engineering career you can imagine this weekend! Don't forget to stop by the AEOP booth to learn about all our awesome programs. We are so proud of all of our students, teachers, mentors and parents and look forward to so much more to come. [Read more...](#)

The STEM doesn't end there. Still to come this month:

- Join middle school students during the Junior Solar Sprint (JSS) Regional Competition being held at the Aberdeen Proving Ground in Maryland on April 23 (*rain date: May 7*). This JSS Regional will lead up to the annual National event later this summer, June 28 – July 2, at the Gaylord Opryland, in Nashville, Tennessee.
- Engage bright high school minds at the Junior Science and Humanities Symposium's (JSHS) 54th National Symposium taking place in Dayton, Ohio, April 27-30.

New Program for Educators

We are pleased to introduce a brand new program for educators. Research Experiences for STEM Educators and Teachers (RESET) is now accepting applications for this summer. RESET provides

educators with summer research experience at participating Army Laboratories. At the completion of the program, teachers will be able to translate knowledge and experience into enhanced STEM research curricula and enriched learning for their students. Click [here](#) to learn more and apply today. Applications close on April 22.

About AEOP Programs

From scholarships to competitions for students in elementary school through college, read on for more information about these programs and find the right one for you!



Junior Solar Sprint (JSS) is a free educational program for 5th through 8th grade students where students design, build and race solar powered cars using hands-on engineering skills and principles of science and math.

Students develop teamwork and problem solving abilities, investigate environmental issues and gain hands-on STEM skills to create the fastest, most interesting and best crafted vehicle possible.

JSS is designed to support the instruction of STEM in categories such as alternative fuels, engineering design and aerodynamics. For more about this exciting program and competition, click [here](#).



The Junior Science and Humanities Symposia (JSHS) program is designed to challenge and engage high school students in STEM. Individual students compete for scholarships and recognition by presenting the results of

their original research efforts before a panel of judges and an audience of their peers. National

judges are actively engaged in research and development at Department of Defense and university laboratories. Three winners in each category earn additional scholarships ranging from \$4,000-\$12,000. Competition categories include: Environmental Science, Biomedical Sciences (molecular/cellular), Life Sciences, Medicine & Health/Behavioral Sciences, Engineering and Technology, Math and Computer Science, Computer Engineering, Physical Sciences (physics, astronomy, internet of things), and Chemistry (physical chemistry, materials science, alternative fuels, geochemistry). Winners of the 54th Annual National Junior Science and Humanities Symposium will be announced on April 30, 2016.

National updates and announcements can be found on social media channels (Facebook, Twitter, and Instagram) using the hashtag #JSHS2016. Click [here](#) for more information.

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