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DuPage Educator Named Northrop Grumman Teachers Academy Fellow

Erika Myers, STEM teacher at Lakeview Junior High School, was recently selected for the Academy and will participate with 24 other teachers from the United States in a series of science, engineering, and technology-related activities and professional learning opportunities this year. Congratulations, Erika! To learn more about this prestigious honor, visit <http://www.nsta.org/northropgrumman/>.



Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST)

This is the nation's highest honor for teachers of mathematics and science (including computer science). Awardees serve as models for their colleagues, inspiration to their communities, and leaders in mathematics and science education. This year nominees must teach in grades 7-12. For more information, visit <https://www.paemst.org/>.

Upcoming Events and Opportunities

Toying with STEM - February 4, 2017 (Yep, it's a Saturday!) This is a repeat of the "sold out" September 21 workshop.

Apply problem-solving skills in the study of STEM principles related to the exploration, engineering, and construction of toys; create testable questions; and devise experiments. And, take home a sampling of STEM toys! [Click here](#) for more information.

Elementary Science Summit - February 18, 2017

Breakout sessions will include the following: STEM Read, STEAMing It Up!, Creative Technology, Integrating Math and Science, Storyline Implementation, and much more! Free parking, door prizes, lunch included in the \$35 registration fee. [Learn more.](#)

Tech Savvy - March 25, 2017

Tech Savvy is a daylong science, technology, engineering, and math (STEM) career conference for girls in grades 6-9, parents, mentors, and teachers. The \$10 fee includes lunch. Each girl will also receive a t-shirt. The event will be hosted at Triton College in River Grove. [Click here for more information and to register.](#)

Young Scientist Challenge - Entries Due April 19, 2017

Discovery Education and 3M invite students in grades 5 through 8 to participate in this challenge. Entrants must create a one- to two-minute video describing a new, innovative solution that solves an everyday problem. For more information, [use this link.](#)

International Young EcoHero Awards Program - Due Date is February 28, 2017

Action for Nature seeks applications from students ages 8-16 to recognize young people whose personal actions have significantly improved the environment. Projects must concern advocacy, environmental health, research or protection of the natural world. [Click here.](#)

Research Experience for Teachers - Applications Due March 15, 2017

Selected science teachers will participate in 8 weeks of summer laboratory research with one of Northwestern's leading professors and earn an \$8,500 stipend. Research topics include materials science, physics, and chemistry areas such as polymers, nanoscience, biomaterials, molecular electronics, and photonics. For more information, visit <http://mrsec.northwestern.edu/facilities/education/ret/>.

Project '17 - July 17 through August 4, 2017

This program, to be held at Elmhurst College, involves middle and high school students seeking dynamic opportunities to explore diverse subjects in a challenging, creative environment involving intellectual, artistic, and scientific activities. [Learn more here.](#)

Resources

National Science Foundation and STEM + Computing Partnership Grant

The National Science Foundation (NSF) STEM + Computing (STEM+C) Partnership program seeks to enhance the learning and teaching of science, technology, engineering, and mathematics (STEM) and computing by prekindergarten through grade 12 students and teachers. Proposals due March 29, 2017. [Learn more.](#)

Tech Tip - Use Google Classroom to Manage Science Project Assignments

Teachers using Google Classroom can use the "[Create Assignment](#)" button at Science Buddies to add steps of the science project assignment to Google Classroom for easier oversight. Break the project into smaller tasks and create check-in points to help students stay on track!