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K-16 STEM in the NEWS

Reynoldsburg schools receive "rave reviews" and visit from U.S. Dept. of Ed

Reynoldsburg schools long have been considered "trailblazers" in the state, trying new approaches to reach students, and their recent STEM efforts have attracted attention outside Ohio. Deb Delisle, U.S. assistant secretary of education, visited the district to learn how it personalizes students' learning. She met with school leaders, who explained the district's K-12 STEM pipeline and heard of efforts to blend technology with instruction, bringing innovation to the classroom.

Full story: <http://www.dispatch.com/content/stories/local/2012/10/30/attracting-rave-reviews.html>

Agriscience teacher receives outstanding achievement award

Fulton County teacher and Future Farmers of America (FFA) member **Donna Meller**, received the Outstanding Achievement Award from the FFA at its national convention. Mrs. Meller revived the annual science fair while incorporating agriscience projects, and annually accompanies students to the state FFA convention while judging the National FFA Agriscience Fair. Mrs. Meller team-teaches the environmental science curriculum for eighth graders with the agriculture teacher and helps connect high school students with mentors in their fields of



agricultural research.

Full story: <http://www.toledoblade.com/Education/2012/10/25/Meller-sees-agriculture-education-as-key-in-rural-district-in-Fulton-County.html>

BCSN Teacher of the Month

Principals and superintendents of area high schools may nominate a BCSN Teacher of the Month. One Teacher of the Month will be selected, and a Teacher of the Year announced at an awards dinner hosted by BCSN in May 2013. The Teacher of the Year will receive a \$1,000 cash award, a gift for their classroom (value of up to \$1,500), and a \$10,000 endowed scholarship fund in their name from which one scholarship will be awarded through the school on an annual basis in perpetuity. Questions regarding this scholarship should be directed to: 419-241-5049 or via e-mail at Joanne@toledocf.org.

STEM Opportunities

STEM Speaks! 2012-13 NWO STEM Education Inquiry Series

Tuesday, November 27, 2012 at WGTE

Featuring a presentation by NSTA Authors of the Picture-Perfect Science Books: **Emily Morgan & Karen Ansberry**

For more information please visit: <http://cosmos.bgsu.edu/inquiryseries/index.htm>

Upcoming Education Inquiry Series dates: January 8, February 12, and March 12, 2013

SciStarter.com

SciStarter.com is an online citizen science community that connects people to more than 500 curated opportunities to collaborate with scientists on cutting-edge research projects and informal science activities. Find hundreds of opportunities to help researchers and share your own research and work at: www.scistarter.com

Free Elementary STEM events

The Children's council of the ITEEA is sponsoring **two FREE elementary STEM events**:

- Paper engineering contest for students in grades P-6. Two winners in each grade level group will receive an autographed book by world-renowned pop up author David Carter. Contest ends February 13, 2013.
- STEM workshop entitled "Integrating STEM into the Elementary Language Arts and Social Studies Curriculum", presented by Dr. Susan Holland, retired elementary gifted and middle school tech ed teacher of the Westerville (OH) Schools. It will be held in Columbus, OH on Wednesday, March 6, 2013 from 5 to 6:30 pm.

Info: www.tecchome.org

More free STEM resources: <http://www.stemiselementary.com/Resources.html>

Tutoring with Formative Assessments

Worcester Polytechnic Institute and Carnegie Mellon, with Gates Foundation funding, have devised an online system that combines tutoring with formative assessment. Students can complete these units outside of the classroom providing additional learning opportunities and a way to determine what students have mastered prior to class. This information can guide instruction and is available to use at no cost.

More information available: <http://www.assistments.org/>

Chemistry competition for students in grades 5-8

Teachers: Announcing an exciting learning opportunity for students grade 5-8 called "You Be the Chemist! FUN & INNOVATIVE academic competition engaging students in learning about important chemistry concepts, discoveries, and chemical safety CHALLENGE COMPETITIONS across the country, encouraging the collaboration of community organizations, schools, and the chemical industry FREE ONLINE study materials!

TOP STUDENTS PARTICIPATE in the State Challenge

WINNER QUALIFIES for an all expenses paid trip to the National Competition in Philadelphia, PA in June!

Participating is easy - please email Bob Mendenhall (Toledo Public Schools) at rmendenh@tps.org or call 419-671-8320 for more information. In the email include the following information: **(RETURN BY DECEMBER 7, 2012)**

Teacher Name:

Principal Name:
School Address (include County):
Number of Students Who Might Participate:

Please visit <http://www.chemed.org/ybtc/> for more information.

Regional Announcement

STEMx Network Director

Position Summary

STEMx is currently conducting an external search for a Network Director to lead their national STEM network. [Click here](#) to download a pdf file of the job description.

Any and all inquiries and applications should be sent to David Burns, BurnsD@battelle.org

Share Your Story!

Thank you for your support of NWO, our programs, our activities, and our partners. Please send us updates, press releases, and news of STEM happenings at your school, district, or organization. Please submit to nwo@bgsu.edu. We are always looking for great STEM education stories to feature in upcoming newsletters.

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Visit our STEM clearinghouse, nwestemresources.org, for more STEM activities, programs, and information.

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