

Invite friends and colleagues to **subscribe--text "Collaboratory" to 22828.**



Our mission is to improve STEM education, increase STEM workforce preparation and build community connections.

I'd like to extend a warm welcome to our two newest members! The Richland Public Library and Christ the King School each bring unique capabilities, talents and resources that support our efforts. Do you think your organization might like to engage in the work of the Collaboratory? Visit our [web site](#) to learn more or contact me directly.

-- [Jeff Estes](#) (PNNL), Collaboratory Director



Collaboratory projects were launched using "seed grants" from Battelle and leveraged by in-kind contributions of Collaboratory members as well as external grants.



IDEA Tools

New tools added!



Our most popular tool, "Three Little Pigs," is a literature-based engineering design challenge for pre-K through 4th grade, but the design parameters can be adapted to make the activity more challenging for different audiences.

>> [Tools we created for you](#)



**Computing
the Future**



Calling all Girls!

Cyber security is one of today's hottest technical fields, with some

experts forecasting a shortage of up to 1 million of trained professionals in the coming years. CyberPatriots Camp will provide hands-on, introduction to cyber security. The camp is from the Air Force Association CyberCamp Program, and will be supplemented with industry expert presentations. End the week with a mock competition. Free to attend with lunch provided daily. No prior experience necessary. Register at [EventBrite](#). Contact Project Lead [Ann Wright-Mockler](#).



Summer School Workshop Comes to Kennewick June 15

Kennewick School District is a Collaboratory member. KSD summer school leaders will be treated to a "Workshop for 21st Century Leaders" on June 15. Topics to be covered include inquiry-based science and microscopy as a tool for science and math, followed-up with planning time to link learning to summer activities. Contact [Frannie Smith](#), Spectrum Project Lead.

NEW PROJECT *Update*



Makerspace provides opportunities, both during the day and in the evening, to engage in hands-on activities aligned with the way scientists and engineers uncover knowledge and solve problems. Captain Gray and McClintock STEM Elementary Schools in Pasco are the pioneers of this project. In the 2016-17 school year, sites will be added at Curie STEM Elementary, the Pasco Boys & Girls Club and the Pasco Branch of the Mid-Columbia Library. Contact Project Lead [Megan Nelson](#).

NEWS

An Afternoon with the Smithsonian



Educators Invited!

June 17, 2-5pm

Pasco School District Office
Board Room, 1215 W. Lewis
Street, Pasco

RSVP:

Gina.Wofford@carolina.com

Wind down your Friday with friends, colleagues, and a discussion of the latest national trends in STEM education with Smithsonian Science Education Center Director Dr. Carl O'Donnell. Topics will include expansion of the Smithsonian's Science and Technology Concepts (STC) K-8 materials; Next Generation Standards; trends in elementary and middle school science (moving ahead with ESSA and STEM); the latest research on the efficacy of inquiry (results from the Smithsonian's i3 project); and STC3 (what's on the horizon from the Smithsonian's K-8 Science program?). There will also be roundtable discussions on hot topics in STEM education. Afterward, we hope you'll visit with our hosts to share your science programs, questions, and suggestions for the new edition of STC. Hosted by: the Smithsonian Science Education Center, ESD 123 and Pasco School District (Collaboratory members), and Carolina Biological Supply Co.

NEWS

In the Spotlight, with Senator Murray



**Collaboratory
one of three
Washington
organizations
highlighted**

Collaboratory Director Jeff Estes (pictured, center) was recently an invited panelist at a roundtable with keynote Senator Patty Murray called "[Connected: Building a STEM Learning Ecosystem.](#)" The goal of the event hosted by the Pacific Science Center and the National Girls Collaborative was to better connect in-school and out-of-school STEM learning. The National Research Council and the Afterschool Alliance provide examples of studies that show how out-of-school STEM experiences: 1) engage young people intellectually, socially, and emotionally; 2) respond to young people's interests, experiences, and cultural practices; and 3) connect STEM learning in out-of-school, school, home, and other settings.

Subscribe | [Email](#) | [Website](#)

STAY CONNECTED:

