

COS LINKS

STEM Resources for Students and Teachers

Volume 4
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What is COS LINKS?

COS LINKS is a newsletter from George Mason University's College of Science (COS). It features resources for students and teachers, and provides guidance for teachers interested in forming partnerships with the College.

Ongoing Events

These are events that happen throughout the academic year on Mason's Fairfax Campus:

- **Women in Science Lunch Series:** A chance for female scientists to gather and discuss professional and academic advancement. Held on Fridays at 12pm in David King Hall, Fairfax Campus.
- **Science Fridays:** Weekly talks from Mason faculty about science. Meets on Fridays at 12pm in Exploratory Hall.

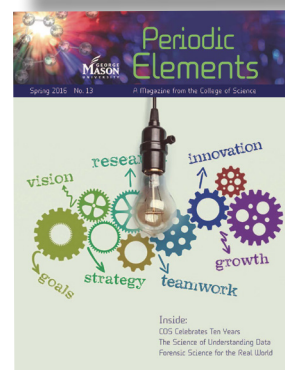
For additional events, please visit cos.gmu.edu/events.

Summer Camps at Mason

- **FOCUS Summer Camp:** FOCUS (Females of Color Underrepresented in STEM) exposes middle school girls to each of the STEM fields. The camp is held July 11-15. Applications are due July 1. Register now at cos.gmu.edu/stem/outreach/focus-summer-camp/.
- **Math Readiness Camp:** A three-day event that prepares incoming and current Mason students for the math placement exam. Dates are July 21-23. Applications are due July 4. Apply at cos.gmu.edu/stem/outreach/math-readiness/.
- **STEM Boot Camp:** College can be hard for freshmen, especially those in STEM. This boot camp gives students tips for college career success. Dates are July 24-29. Applications are due July 4. Apply at cos.gmu.edu/stem/outreach/stem-boot-camp/.



For the full list of Mason summer camps, see summercamps.gmu.edu.

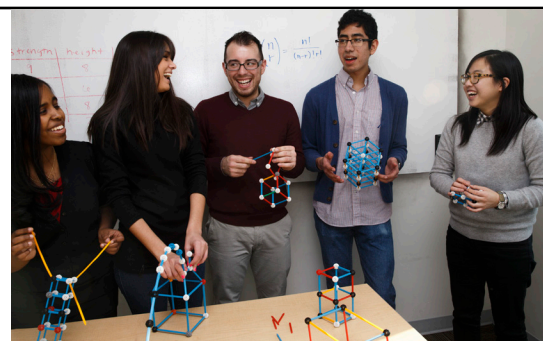


Check out the Spring 2016 edition of *Periodic Elements*, the College's magazine at: cos.gmu.edu/blog/2016/05/periodic-elements-no-13/

STEM ACCELERATOR

Mason's STEM Accelerator ensures the success of STEM majors. The program connects high school students to the College through various programs.

For more information, please contact Reid Schwebach and visit cos.gmu.edu/stem/.



Future Opportunities

Student Resources

- **Mathematics and Technology for Talented Youth (MTTY):** Mason's Mathematical Sciences department offers non-credit summer enrichment courses for students entering 7th-12th grade. The registration deadline is July 11. See mtty.org/summer-program/ for more details.
- **Phage Ecology - Summer Research Course:** Mason undergraduate students can earn 2-3 course credits, while researching genomic changes in mycobacteriophage populations between July 11-29. To learn more or apply, email Reid Schwebach.
- **Loudoun County Public Schools (LCPS) & STEM Accelerator:** LCPS students will receive Mason course credit and independent research opportunities through the STEM Accelerator partnership program. Visit cos.gmu.edu/stem for more information.
- **Dual-Enrollment Courses at Mason:** High school students can apply for Mason's non-degree program and start college courses early! Credits earned can be used towards college degrees. For more information, please visit www2.gmu.edu/admissions-aid/how-apply/non-degree.
- **2017 Aspiring Scientists Summer Internship Program (ASSIP):** High school and Mason students learn about science careers while using cutting-edge equipment during the two month training program. Applications open fall 2016. Find out more information about ASSIP at assip.cos.gmu.edu.
- **2017 Chesapeake Bay Bowl (CBB):** Teams of high school students from the mid-Atlantic region compete for a chance at the National Ocean Science Bowl Finals. The champion team has the opportunity to conduct global research. For more details, visit chesapeakebaybowl.org.

Teacher Resources

- **Center for Excellence in Education (CEE) Bite of Science:** Bite of Science offers high school teachers collaboration with engineers in academia, the government, and in several industries. Visit cee.org/bite-science and contact Reid Schwebach for more information.
- **View Student Research Results:** Come see the results of student research from the 2016 Aspiring Scientists Summer Internship Program (ASSIP). Research projects will be displayed at the ASSIP Poster Session on August 12, 2016. Find out more information about ASSIP at assip.cos.gmu.edu.
- **Environmental Science and Policy Newsletter:** Want to learn more about Mason's green environment mission? Check out *GREENovation* at esp.gmu.edu/news/publications/greenovation/.
- **2017 Ann C. Powel Memorial Scholarship:** Selected K-12 teachers will conduct research with the Potomac Environmental Research and Education Center (PEREC) to improve understanding and sustainability of the Potomac River. One \$4,000 scholarship is available. For more information, visit cos.gmu.edu/perec/scholarship.



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