Virginia Tech and the Office of Undergraduate Research will be closed between December 24 and January 2 for the winter break. This should be the last newsletter of the Fall semester (unless we receive a lot of exciting and timely opportunities to share next week). Newsletters will resume after the holidays, on Friday, January 11. The OUR would like to wish you all a peaceful and restful holiday.

Here's what's included in this week's edition of the newsletter from the OUR:

1. **Paid Summer Research in STEM**
   Deadlines are rapidly approaching! Use the [searchable database of programs](#) to find and apply to STEM paid summer research programs over winter break.

   The database has over 650 paid summer research programs, including programs for both undergraduate and graduate students. 60 programs have deadlines in the next 45 days! Use the [advanced search feature](#) to filter by discipline, level of study, citizenship status, and more.

   If you need help finding a program, please email Liv Detrick with your level of study and disciplinary interests.

2. **Virginia Space Grant Consortiums’ (VSGC's) STEM Research Scholarships & Fellowships for 2019-2020**
   The [VSGC Undergraduate STEM Research Scholarship Program](#) provides awards of up to $8,500 to rising juniors and seniors who are enrolled full-time in a program of study in science, technology, engineering, or math (STEM) and have a specific faculty-mentored research project that has NASA or aerospace relevance. Applied Health Sciences majors are not eligible for this program.


3. **2019 Transportation Safety Summer Research Internship at Texas A&M**
   Participate in ongoing transportation safety research (the [Summer Undergraduate Research Internship](#)) at the Texas A&M Transportation Institute (TTI) – the largest university-based transportation research institute in the country. Participants will receive $6,000 support for a 10-week internship, as well as housing and a generous food allowance.

   Example research topics include connected and automated vehicles, transportation as a service, big data analytics, human factors, roadway/traffic engineering, and urban planning.
Apply by February 1, 2019.

4. **Paid Summer Research at Emory University for Diverse Scholars (LGS-SOAR)**

   The [LGS-SOAR (Summer Opportunity for Academic Research) program](https://www.research.undergraduate.vt.edu/ugr-opportunities/vt-programs.html) supports potential Laney Graduate School undergraduate applicants who wish to explore, experience and conduct full-time independent and mentored research for the summer.

   In this 10-week residential program, research fellows conduct full-time research and are mentored by their Faculty Mentor or Principal Investigator and teams of postdocs, research technicians, graduate students and other undergraduates. They receive a housing award for residence on the Emory campus and a stipend to support their full-time attention to research training and professional development. The capstone of the experience is a Poster Symposium where research fellows formally present their work; it is well-attended by the community at large, as well as faculty from Emory University (Graduate Division of Biological and Biomedical Sciences, School of Medicine, School of Public Health), Georgia Institute of Technology, and other regional universities that are looking for up-and-coming young researchers.

   **Apply by** January 28, 2019.

5. **Summer Research Opportunities at VT**

   Check out the OUR website for constantly updated research opportunities sponsored by or hosted at Virginia Tech this summer:

   https://www.research.undergraduate.vt.edu/ugr-opportunities/vt-programs.html

   Deadlines for most programs are in early Spring (i.e. January and February!).

6. **Presentation Opportunities**

   Ready to present your research or creative scholarship? There are a number of undergraduate research conferences taking place this Spring, including the Mid-Atlantic Undergraduate Research Conference taking place at VCOM in March and VT’s own Dennis Dean Undergraduate Research and Creative Scholarship Conference in April. Check out these and other presentation opportunities or apply to receive travel support funding:

   https://www.research.undergraduate.vt.edu/present-publish.html

7. **NIST SURF Program- new application process**

   The SURF Program at the National Institute of Standards and Technology (NIST) is designed to inspire undergraduate students to pursue careers in STEM (science, technology, engineering, and mathematics) through a unique research experience that supports the NIST mission. Since 1993, SURF students from across the country have had the opportunity to gain valuable, hands-on experience, working with cutting edge technology in one of the world's leading research organizations and home to three Nobel Prize winners.
Over the course of 11 weeks, SURF students contribute to the ongoing research of one of the six NIST facilities which are the Communications Technology Laboratory (CTL), Engineering Laboratory (EL), Information Technology Laboratory (ITL), Material Measurement Laboratory (MML), NIST Center for Neutron Research (NCNR), and Physical Measurement Laboratory (PML) (which now includes project in the Center for Nanoscale Science and Technology). The SURF Program is administered at the Boulder, CO and Gaithersburg, MD locations.

Note: Only U.S. citizens or permanent U.S. residents are eligible to participate in the SURF Program.

The application process has changed. Students can now apply to the 2019 program without the assistance of their universities, through USAJOBS. The link to the posting on USAJOBS (tentatively scheduled to open on December 15, 2018) will be available at https://www.nist.gov/surf.