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

1. **CLIMB UP at the University of Buffalo in Summer 2019**
   
   The **CLIMB (Collaborative Learning and Integrated Mentoring in the Biosciences) Program** at UB has created CLIMB UP for Summer Research, an outstanding summer research experience for undergraduate students to excel in biomedical, STEM, and health science research and explore career opportunities. Its goal is to introduce you to research opportunities, facilitate understanding of recent advances in the STEM disciplines, and mentor you towards graduate and professional careers. As a CLIMB UP Fellow, you will be guided through novel and exciting research projects and mentored by faculty, graduate students, and postdoctoral fellows through the summer and beyond. You will spend 10 weeks in the laboratory of your research mentor, whom you will be paired with based on your interests. We will train you in various areas necessary to safely and efficiently perform your research and related activities.

   Based on your interests and career goals, you can apply to work with mentors in 3 categories:
   - **ASPET-SURF mentors** do research in the Departments of Pharmacology and Toxicology and Pharmaceutical Sciences. If you're interested in those fields, this is a great place to learn more.
   - **CLIMB PRO mentors** are located in the Jacobs School of Medicine and Biomedical Sciences. Most are MDs working in clinical settings. If you're pre-med, or looking towards a career in medicine and/or research, we recommend you check out CLIMB PRO!
   - **iSEED mentors** work in a wide variety of scientific disciplines at 7 different UB schools, including Jacobs School of Medicine and Biomedical Sciences, Dental Medicine, Nursing, Pharmacy and Pharmaceutical Sciences, Public Health and Health Professions, Engineering and Applied Sciences, and College of Arts and Sciences.

   **NEW! CLIMB UBIDS mentors** do research in the Department of Biomedical Informatics on topics including biomedical informatics, data science, related disciplines.

   Applications are due on February 1, 2019.

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.

   Apply by January 28, 2019.

Good luck with finals!
3. George Washington Summer Program Advancing Research on Cancer
Looking for summer research in cancer biology? The George Washington Summer Program Advancing Research on Cancer (GW SPARC) engages diverse undergraduates in a mentored summer research experience at the GW Cancer Center in Washington DC. Students will live and work in the heart of D.C., just blocks from national monuments, museums, and entertainment, and will receive $4,000 for 10 weeks participation. This program is intended for undergraduates considering Ph.D. training and a career in research.

This summer program fosters active engagement in cutting-edge research, exposure to contemporary cancer research techniques, understanding of health disparities and impact of cancer in different communities, and preparation for research careers. There will be no opportunities for clinical shadowing. Participants attend weekly workshops and seminars focused on cancer research and research skills (see sample program schedule). At the end of the summer, all students participate in a poster session with other undergraduate researchers.

Apply by February 1, 2019.

4. Multicultural Academic Opportunities Program (MAOP) Summer Research Internship
The 2019 Multicultural Academic Opportunities Program (MAOP) Summer Research Internship is seeking participants for its program, which will take place May 26-August 2, 2019 on the campus of Virginia Tech. There are a variety of research areas provided in which undergraduates can participate. Interns will be provided with a stipend of $3000, GRE classes each week, on-campus housing, a meal plan, workshops on graduate education and research, an off-campus retreat, and luncheons. The program is open to U.S. Citizens and Permanent Residents only, who will continue their undergraduate studies in the fall of 2019. To learn more, go to http://maop.vt.edu/Undergraduate_programs/summer_research.html

5. Mid-Atlantic Undergraduate Research Conference (MAURC)
The inaugural Mid-Atlantic Undergraduate Research Conference (MAURC) is a transdisciplinary STEM research conference being planned and hosted by Virginia Tech students that serves as an opportunity for undergraduates and professionals to share their passion for research. "We believe in encouraging the collaboration of knowledge in order to facilitate advancement within areas of science, technology, engineering, and mathematics." MAURC will be a two-day event, March 23-24th, 2019, which will include three notable keynote speakers, panel sessions, student oral and poster presentations, and catered meals. For more information or to apply, go online to www.maurc.org. Application deadline is December 31.