Hi!

This will be the final message from the OUR for this semester. We will resume our weekly messages in January. Missed a message? All of our past newsletters and a content index are conveniently posted HERE.

Here's what's included in this week's message:

1. OUR Operations

2. Undergraduate Research this the Spring
3. Philologia -- DEADLINE EXTENDED
4. Summer Research Opportunities
5. Present your research at the Mid-Atlantic Undergraduate Research Conference
6. Present your research the 2021 ACC Meeting of the Minds
7. Present your work at VT's Annual Spring Conference
8. Become an OUR Ambassador
9. Summer Research Opportunities
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15. National Undergraduate Research Opportunities- Funding, Presentations, Internships, Research Opps, etc

1. OUR Operations
The Office of Undergraduate Research will be closed for the holidays between December 23 and January 4. OUR Ambassadors are taking a much needed break for the holidays and will resume virtual drop-in office hours when classes start in January. But OUR website is available 24/7 and has a wealth of resources to support you at any stage in your undergraduate research journey. Check out our most recent addition of informational videos.

2. Undergraduate Research this the Spring
Undergraduate research will take place this Spring in a manner similar to the Fall. Students wishing to register for undergraduate research credit must complete and submit appropriate forms to their College Dean's office before the start of the semester. In addition, every student engaging in undergraduate research for pay, credit, or as a volunteer is required to complete the mandatory form indicating agreement to the requirements for conducting undergraduate research. Students continuing a project from the Fall semester should complete the COVID form again only if they are seeking to enroll in a
course for credit. Students conducting research but not seeking credit (i.e. doing research for pay or volunteering), who already have an approved COVID form on file, will not need to resubmit the form. The most current information is available on OUR homepage.

3. Philologia -- DEADLINE EXTENDED

Philologia is an undergraduate research journal that is operated by the College of Liberal Arts and Human Sciences. Its mission is to publish great, insightful work sourced from students, grounded in research and creativity. It is committed to sharing your work with the community at large in hopes to grow appreciation for research in our fields. Submissions are accepted from work representing the departments and academic majors in the College of Liberal Arts and Human Sciences.

The Philologia journal is expanding to include not only standard publication opportunities, but presentation experience, as well. We are now accepting both written and video submissions. Submit your work by this Wednesday December 16th, 2020!

4. Nominate your research mentor for an award

The Office of Undergraduate Research acknowledges the hard work, time, dedication, and guidance research mentors provide to undergraduate students, which often goes unrecognized. Current undergraduate students are invited to nominate one Virginia Tech faculty member or graduate student research mentor from any discipline for the award of Outstanding Undergraduate Research Mentor. More information and link to the online submission form are available HERE. The deadline for submission is March 3, 2021.

If you have questions about the award or selection process please contact Keri Swaby (email: kswaby@vt.edu).

5. Present your research at the Mid-Atlantic Undergraduate Research Conference

Are you involved in research and looking for an opportunity to showcase your skills? Do you want to learn more from professionals in your discipline? Would you like the opportunity to meet students from across the United States in varying STEM fields? If you answered yes to any of the above questions, you should apply to the 2021 Virtual Mid-Atlantic Undergraduate Research Conference (MAURC) at Virginia Tech. This conference is a unique opportunity for undergraduates to come together with professionals from varying scientific fields and share their passion for research. Our team created this conference because we believe in encouraging the collaboration of knowledge in order to facilitate advancement within areas of science, technology, engineering, and mathematics. We recognize that given the ongoing COVID-19 pandemic, the undergraduate research community hasn’t gotten many opportunities
to share their work at research conferences. Recognizing this, we want to offer a virtual platform where students like you can present your research while also hearing from amazing speakers in different STEM fields.

MAURC is scheduled for **March 25-27, 2021**, which will offer undergraduate researchers the opportunity to participate in virtual poster presentations, career and professional developmental panels, and networking events with various companies and industry leaders. You can look forward to hearing from our phenomenal keynote speaker, Dr. Mark Gerstein, Professor of Biomedical Informatics at Yale School of Medicine. Additional Speakers featured at our panels and networking events will include Dr. Monica Arienzo (Desert Research Institute), Dr. Raffaele Ferrari (MIT), Dr. Jordan Ellenberg (UW-Madison). We look forward to hearing about your research at 2021 MAURC!

*Apply online by January 8, 2020*

*Join our listserv for more conference information and updates!*

For more information, please visit our website that will be fully live soon or email us at srccvirginiatech@gmail.com.

Stay up-to-date on our social media: Facebook and Instagram

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6. **Present your research the 2021 ACC Meeting of the Minds**

Each year, 5-10 outstanding undergraduate researchers (accompanied by a faculty/staff member) from each ACC university gather at a host institution to present their research, either verbally or as a poster, at the annual ACC Meeting of the Minds (ACC MoM). All expenses are covered by the ACC Academic Consortium including registration, travel, lodging, and food!

On the weekend of April 9-11, 2021, UNC-Chapel Hill will be hosting the 2021 ACC MoM for the first time as a virtual conference. Virginia Tech will select up to five students to represent the university and present their research or creative scholarship at this conference.

Learn more about the conference and apply [HERE](#). The application **deadline is January 25, 2021**.

Please note that because of the virtual nature of the conference, you will need to indicate your preference of presentation format, as a full-length virtual presentation (10 minutes using Power Point, Prezi, or similar platform) or an abbreviated presentation that will follow the “3 Minute Thesis” format.

Have questions? Email Keri Swaby (kswaby@vt.edu).
7. Present your work at VT's Annual Spring Conference
You are invited to present your work at the 2021 Dennis Dean Undergraduate Research and Creative Scholarship Conference on April 30, 2021. For over ten years, this conference has offered undergraduates the opportunity to gain experience communicating their work while engaging faculty and other students. This year, the conference will be held virtually, showcasing student excellence across disciplines in asynchronous video presentations. Learn more and submit an application to present on the conference website. The deadline to apply is April 1, 2021.

8. Become an OUR Ambassador
Are you passionate about undergraduate research? Want to share that passion with other students? The Office of Undergraduate Research (OUR) is accepting applications for the Ambassador program on a rolling basis, with the goal of recruiting student Ambassadors from all Colleges. The OUR ambassadors are the “face” of the office, disseminating information about undergraduate research and the OUR and facilitating key services offered by the office. This program helps to build student leadership skills and resumes, while providing crucial service to the OUR.

Candidates must have had undergraduate research experience (in any discipline) at the time of application and must be reliable, organized, personable, respectful, and exhibit excellent communication skills. This is a voluntary program; there is no financial compensation.

Learn more about our current Ambassadors and submit your application HERE.

Questions about the Ambassador program or application process? Contact Nicole Bottass (nicoleje@vt.edu).

9. Summer Research Opportunities
Did you know that there are full-time, paid research opportunities available during the summer?

If you are considering summer research, now is the time to explore your options so that you can meet the early spring deadlines. We have created a starting point for you on our Research Opportunities webpage, where you can learn about and apply to several summer programs at Virginia Tech, including the well-established Fralin SURF program for life science researchers and the brand new Structural Engineering and Materials program entitled “New Generation Resilient Infrastructure REU”. The next few listings describe several summer research programs and Item #15 lists a number of national research opportunities.
10. REU Program in Translational Ecology
The Cary Institute of Ecosystem Studies in Millbrook NY is now accepting applications for the summer 2021 REU program in Translational Ecology. For program information and to apply, visit our website.

Application deadline: January 29, 2021 Midnight EST

Dates: June 7 to August 13, 2021 (10 weeks)

Eligibility: Undergraduate freshmen, sophomores, juniors or first semester seniors. Must be citizens or permanent residents of the U.S. or its possessions. The Cary REU program welcomes participants of all races, religions, sexual orientation, age and ability status. Students from groups traditionally underrepresented in ecology and first generation college students are particularly encouraged to apply.

Stipend: $5,500 participation stipend, plus $1800 room and board stipend and all travel expenses covered

Pairs of students will join teams of 2 or more mentors to conduct individual research projects of their own design in collaboration with their research team. Research project areas for the summer of 2021 include:
- How ecosystems influence arthropod vector populations and potential disease transmission risk
- Understanding the intersection of global change, conservation, and disease risk
- Projecting future tree lines in Alaska
- Environmental history of an urban-suburban watershed in Dutchess County, NY
- Are symbiotic nitrogen-fixing trees in the Anthropocene shifting functions?
- Vertical dimension of microbial community assembly and function in forests
- Examining the effects of global change on streams of the Northeastern US
- Urban forest ecology in New York City

Please direct any questions to Alan Berkowitz, Cary REU Program Directorberkowitza@caryinstitute.org.

Please note: Our ability to run the program in 2021 is contingent upon the success of a grant proposal to the National Science Foundation currently in review. Furthermore, adjustments to the program may be warranted due to the on-going Covid-19 pandemic.
11. Summer 2021 Undergrad Research on Chesapeake Bay (REU)
Are you looking for a summer research internship studying ocean, coastal or environmental science? Check out the Maryland Sea Grant Summer REU program. We bring upper-level undergraduate students to the Chesapeake Bay to conduct individual research projects with a scientist-mentor at the University of Maryland Center for Environmental Science. We select undergrads in many disciplines, including engineering, biology, chemistry, physics, mathematics, ecology and marine and environmental science. Our program runs for 12-weeks from May 23 to August 14, 2021.

Each REU fellow will receive:
$7,200 stipend
Free housing at your research lab
Round-trip travel expenses

In particular, we encourage students from colleges and universities where access to marine science and to research opportunities is limited and who are from groups traditionally underrepresented in science, technology, engineering and math. We believe bringing together students from many disciplines, backgrounds and parts of the country makes for a more interesting and educational summer experience.

We are accepting applications for the 2021 class now through February 19 and recognize that the state of the pandemic may impact how the program operates. Please visit our website to find out more or drop me a note at reu@mdsg.umd.edu.

12. Laney Graduate School – Summer Opportunity for Academic Research
The LGS-SOAR Program (June 1-August 6) partners with the well-established Emory College SURE (Summer Undergraduate Research Experience) Program and will host potential LGS students (current NON-Emory Undergraduate scholars) who want to explore, experience, and conduct full-time independent and mentored research for the summer.

The program is unique in that all scholars will be from historically underrepresented ethnic and racial backgrounds in graduate education or who participated in NIH-RISE, NIH-IMSD, Mellon Mays, McNair Post-Baccalaureate Achievement Program, OR who are first-generation college scholars who participated in Upward Bound, Talent Search, Educational Opportunities Centers, or similar programs. Additionally, financial support will be provided by either LGS or the home institution of the student. Housing is also included. All LGS-SOAR students will adhere to any and all COVID protocols prescribed by the university.

The program is geared to introduce talented, potential Laney Graduate School Scholars to a vast skillset that includes:
- Communicating research to a variety of audiences
- Problem solving
- Interpreting results
- Participating in novel research
- Navigating difficult ethical situations
- Network building
- Presenting their work (Symposium Style Capstone Experience)

**Eligibility**
Applicants must be on track to graduate between December 2021 and June 2024 and have a minimum 3.0 GPA.

**Application**
A complete application will include items such as a transcript, statement of purpose, application form, letter of support and more. For more information, visit our website. Questions about applications? We have a PDF document with instructions.

**Application deadline is January 15, 2021 at 11:59 pm EST.**

**Questions?** Contact Associate Dean Amanda Marie James at laney.edge@emory.edu.

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13. BioTechnology-based Sequencing-based Undergraduate Research Experience
You are invited to apply to the NSF BIT SURE (BioTechnology-based Sequencing-based Undergraduate Research Experience) Research Experience for Undergraduates (REU) Summer 2021. Hosted by North Carolina State University, this 10-week program focuses on advanced sequencing tools that are transforming the way biologists conduct research and inclusive science. Participants learn about sequencing techniques and participate in professional development opportunities. A series of workshops and service-learning opportunities promote diversity in science and learning.

BIT SURE 2021 will run May – July 2021. Please note that the summer 2021 experience will be entirely virtual.

BIT SURE participants receive a stipend.
More information and the application are available on the program website. The deadline to apply is February 14th, 2021.

14. New course in Natural History Collections and Curation

Students are invited to register for Natural History Collections and Curation course this spring. This was last taught as a Special Studies in Sp 2019, and has since been fully approved. 3 credits, MW afternoons, virtual and synchronous. A flyer with more information is attached.

15. National Undergraduate Research Opportunities- Funding, Presentations, Internships, Research Opps, etc

Please note that this list is constantly being updated as new opportunities become available and is presented by deadline and not in order of receipt.

- Undergraduate Student Essay Prize, Ralph Waldo Emerson Society | Deadline December 15
- Undergraduate Statistics Project Competition, Consortium for the Advancement of Undergraduate Statistics Education/American Statistical Association | Deadline December 18
- Call for papers: Student Paper Contest, GIS-T Symposium, American Association of State Highway and Transportation Officials | Deadline December 22
- Call for Abstracts, 2021 Annual Undergraduate Conference, LSE Undergraduate Political Review, London School of Economics and Political Science | Deadline January 3, 2021
- Call for papers, Falsafa: Undergraduate Journal of Philosophy, UC Irvine | Deadline January 8, 2021
- Mickey Leland Energy Fellowship Program, US Department of Energy | Deadline January 8, 2021
- Call for papers, 2021 Undergraduate Philosophy Virtual Conference, Southern Utah University | Deadline January 10, 2021
- Science Undergraduate Laboratory Internships, US Department of Energy | Deadline January 12, 2021
• **2021 Summer Program in Cancer Research**, MD Anderson Cancer Center, University of Texas (for undergraduates in biomedicine) | **Deadline January 14, 2021**

• **Call for abstracts**, 2021 Virtual New England Science Symposium | **Deadline January 15, 2021**

• **Call for abstracts**, 2021 Virtual APS National Mentoring Community Conference | **Deadline January 15, 2021**


• Applications now accepted, DoD Cyber Scholarship Program for the 2021-2022 Academic Year | **Deadline January 15, 2021**

• Call for Proposals, Liberty University's public policy conference entitled “Culture & Crisis: Reconciling Constitutionalism and Federalism in a Time of Crisis” | **Deadline January 15, 2021**

• **2021 Summer Internships**, Society of Physics Students | **Deadline January 15, 2021**

• **2021 Summer Internships**, Sanford Underground Research Facility | **Deadline January 20, 2021**

• **2021 Summer Internships**, PSEG Institute for Sustainability Studies, Montclair State University | **Deadline January 21, 2021**

• Submit a poster for presentation at Posters on the Hill (POH) 2021 | **Deadline January 22, 2021**

• **CUR Psychology Research and Presentation Awards** | **Deadline January 22, 2021**

• “Pitch It to Win It,” **Herman and Myrtle Goldstein Undergraduate Student Competition**, American Assn of Textile Chemists and Colorists | **Deadline January 26, 2021**

• Apply for **Summer Research Program in Computationally-Driven Experimental Biology** | **Deadline January 26, 2021**

• **2021 Summer Internship Programs**, National Academy of Social Insurance | **Deadlines January 8 and January 29, 2021**

• **2021 Great Lakes REU**, Central Michigan University | **Deadline January 29, 2021**

• Apply for a **Virginia Space Grant Consortium (VSGC) Undergraduate STEM Research Scholarship** | **Deadline January 29, 2021**

• **2021 Summer Program for Undergraduate Research**, University of Utah | **Deadline January 31, 2021**

• **Call for papers: NYU American Public Policy Review** | **Deadline January 31, 2021**

• **Summer Transportation Internship Program for Diverse Groups**, US Department of Transportation | **Deadline January 31, 2021**

• **Fralin Biomedical Research Institute's neuroSURF program** | **Deadline February 1**

• **Doris Duke Conservation Scholars Program**, UC Santa Cruz | **Deadline February 1, 2021**

• **2021 Meharry Cancer Summer Undergraduate Research program** (for undergrads in biomedicine) | **Deadline February 5, 2021**

• **Undergraduate Summer Research Internship**, Center for Precision Medicine, Wake Forest School of Medicine | **Deadline February 8, 2021**
• **2021 REU in Mathematics**, CSU San Bernardino | **Deadline February 11, 2021**

• **Native American Research Internship**, University of Utah (for third- and fourth-year Native American undergraduates in biomedicine or health sciences) | **Deadline February 12, 2021**

• **NSF BIT SURE REU**, North Carolina State University Biotechnology Program | **Deadline February 14, 2021**

• **2021 REU**, Shannon Point Marine Center, Western Washington University | **Deadline February 14, 2021**

• 2021 NSF-REU opportunity: **Interdisciplinary Research in Behavioral Sciences of Transportation Issues** at Old Dominion University | **Deadline February 15, 2021**

• **2021 Alcohol Research Training Summer School and Internship**, University of Missouri | **Deadline February 15, 2021**

• **2021 Biomedical Engineering & Informatics REU Summer Internship** at Wake Forest | **Deadline February 15**

• **Call for abstracts**, 2021 Virtual Central California Research Symposium | **Deadline February 17, 2021**

• **Summer 2021 National Security Undergraduate Intern**—Computing and Analytics, Pacific Northwest National Laboratory | **Deadline February 26, 2021**

• **Call for submissions**, 2021 Virtual Convention, Assn for Psychological Science | **Deadline March 1, 2021**

• **2021 RASC-AL Competition**, National Institute of Aerospace | **Deadline March 4, 2021**

• **Call for Papers**, **Dies Legibiles: An Undergraduate Journal of Medieval Studies** | **Deadline March 2021**

• **Raymond J. Cunningham Prize**, American Historical Assn (for best article published in a journal written by an undergraduate student) | **Deadline May 15, 2021**

• **Twenty-First Annual Steel Design Student Competition**, Association of Collegiate Schools of Architecture | **Deadline June 2, 2021**

• **Biomedical Research Internships**- catalog of 260 biomedical research internship opportunities offered nationwide, compiled by Fred Hutch | **Various deadlines**

• **Undergraduate Summer Research Opportunities in the Arts and Humanities**- sortable database | **Various deadlines**

• **Pathways to Science Summer Research Programs** | **Various deadlines**

• **2021 Summer Internships**, Transportation Security Laboratory, US Dept of Homeland Security | **No application deadline listed**

Good luck with finals and wrapping up the semester. Happy holidays! Enjoy your winter break. **Be Committed. Be well**. Wear a mask.
Best,
Keri

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