Hi!

I hope you all enjoyed a much deserved break and are ready for the final push to the end of the semester. Here’s what’s included in this week’s message:

1. Reminder: Conducting Undergraduate Research after Thanksgiving Break
2. OUR Operations Update
3. Last chance - Apply today to present at NCUR
4. *Philologia* - Now accepting written AND video submissions
5. Apply for a Psychology Research Award from CUR
6. Summer Research Opportunities
7. Pathways to Science - Summer Research Opportunities
8. Undergraduate Research Excellence Program
9. Applications now being accepted: DoD Cyber Scholarship Program
10. Thanks for your help taking over Twitter during the UR Exchange!
11. National Undergraduate Research Opportunities - Funding, Presentations, Internships, Research Opps, etc

### 1. Reminder: Conducting Undergraduate Research after Thanksgiving Break

Per university guidelines outlined in the Fall 2020 COVID-19 Operational Plan, undergraduate research taking place between Thanksgiving break and through January 24 will proceed as follows:

- **All undergraduate for-credit** research/instruction will move to virtual participation only.
- **Paid undergraduate** students may continue to work in research labs with appropriate approvals and protocols in place (i.e., PPE use, distancing rules, lab hygiene, Institutional Research Board approvals, etc.).
- **All volunteer** work should be treated the same as for-credit work.
- To align with the current operations status of research under modified operations, any exceptions should be approved by the appropriate college dean or institute director or her/his designee.
- This policy is subject to change depending upon the development on COVID-19.

Full details on this guidance are posted on Research and Innovation’s COVID-19 Research Continuity microsite.
2. OUR Operations Update

Thinking about getting involved in undergraduate research this spring or summer? Have a question about undergraduate research or need help getting started? OUR Ambassadors are here to help! Virtual drop-in Ambassador office hours resume this week at the following times:

- Monday 6-7pm
- Tuesday 4-5pm
- Wednesday 9-10am
- Thursday 3-4pm
- Friday 10-11am

Zoom link: virginiatech.zoom.us/my/research (personal ID number: 540 231 3580)

Our website also has a wealth of valuable resources to get your started, help you find a research opportunity, and so much more. Check out our most recent addition of informational videos on topics including finding a research or internship position, writing a personal statement, applying to graduate school, and much more.

3. Last chance- Apply today to present at NCUR

NCUR 2021 will be delivered as a digital event, NCUR @Home on April 12-14, 2021. This is an exciting opportunity for thousands of undergraduate researchers from all disciplinary corners to get together for a unique virtual conference experience. Participants will gain experience presenting their research to a broad audience, opportunities for professional development including a virtual graduate school fair, networking sessions with other students and faculty in their fields, and more! Virginia Tech’s OUR will cover registration costs for accepted presenters (one registration covered per presentation).

Submission deadline is TOMORROW: 11:59 PM ET on Tuesday, December 1. Submit an abstract today! To submit an abstract, please view the abstract guidelines.

4. Philologia -- Now accepting written AND video submissions

Philologia is an undergraduate research journal that is operated by the College of Liberal Arts and Human Sciences. Our mission is to publish great, insightful work sourced from students, grounded in research and creativity. We are 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 December 6th, 2020!

5. Apply for a Psychology Research Award from CUR

The Council on Undergraduate Research (CUR) Psychology Division is offering a limited number of research (e.g., supplies or expenses) or presentation (travel/conference registration) awards for undergraduate students conducting original psychological research (up to $500 per project).

Deadline: January 22, 2021

More information and a link to the application can be found HERE. Or you can directly access the online application form.

6. 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. You can always do a web search for "summer undergraduate research" in your field but 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 and beyond, 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".

7. Pathways to Science- Summer Research Opportunities

PathwaysToScience.org is an excellent resource for finding both paid summer research programs and fully funded STEM graduate programs. Use the website to search:

- 630 paid summer research programs for undergrads and grad students, including opportunities funded by NSF, NASA, NOAA, etc.
For help finding programs, view this quick video tutorial on how to use the advanced search page: https://www.youtube.com/watch?v=FxKsAGk8dAw&t=16s

Follow us on Facebook: https://www.facebook.com/pages/Pathways-to-Science/120825625433

Follow us on Twitter: https://twitter.com/ibparticipation

8. Undergraduate Research Excellence Program

You are invited to join VT’s Undergraduate Research Excellence Program (UREP) and get recognized for your engagement in undergraduate research. The program is open to any student, from any major, at any time in their academic career. This multi-tiered program allows students to track their journey through undergraduate research, from training and engaging to disseminating and reflecting, and receive recognition at graduation with a specially designed cord! Learn more and sign up to join the program online. The deadline to complete the program for Fall graduates is next Monday, December 7 at 9am.

9. Applications now being accepted: DoD Cyber Scholarship Program

The Hume Center for National Security and Technology is now accepting applications for the DoD Cyber Scholarship Program for the 2021-2022 Academic Year.

In the 2020-2021 Academic year, 10 students the Hume Center recommended received the scholarship and we expect to be able to grow that number again this year! We would encourage all students who are interested in cyber security and who are in a degree program of interest to the DoD (Computer Engineering, Computer Science, CMDA, BIT, and other engineering programs with an interest in cybersecurity) to submit an application for this scholarship.

To apply, please click here

Students selected as DoD Cyber Scholars will receive the full cost of tuition, books, required fees, a laptop, and a stipend to cover room and board. Selected students will also be adjudicated for a security clearance. The stipend levels are $25,000 for undergraduate students and $30,000 for graduate
(Master’s/PhD) students. Disabled students may receive additional allowances. There are no allowances for dependents.

The DoD is seeking rising junior and senior (third and fourth year) undergraduates, and graduate/doctoral students who are interested in full-ride scholarships for concentrated studies in cybersecurity and other cyber-related disciplines.

This scholarship requires the student to agree to serve one year of service to the DoD, upon graduation, for each year of scholarship received, in addition to the internship identified below. An opportunity also exists for scholarship payback through military service. Individuals choosing to enlist or accept a commission to serve on active duty in one of the Military Services shall incur a service obligation of a minimum of 4 years on active duty in that Service upon graduation. The Military Services may establish a service obligation longer than 4 years, depending on the occupational specialty and type of enlistment or commissioning program selected. Traditional Guardsmen and Reserve Soldiers are eligible to apply. Scholarship payback for this group is two years of service for each year of scholarship received.

During breaks in their academic studies, Cyber Scholars will receive progressive, hands-on experience in information security internships. In return, scholars must agree to some restrictions and obligations regarding curriculum, GPA, and pre- and post-program employment. If all conditions are met, Cyber Scholars will receive full-time conditional/permanent positions in Components of the DoD upon program completion.

Students must meet these minimum qualifications to apply:

- Rising junior and senior undergraduates with a minimum GPA of 3.2
- OR Master’s and doctoral candidates with a minimum GPA of 3.5
- U.S. citizens
- At least 18 years of age

Please apply directly to Scholarship Central by January 15, 2020. This includes all letters of recommendation and required transcripts.

10. Thanks for your help taking over Twitter during the UR Exchange!

On November 12, undergraduate researchers, mentors, and organizational partners took over the Twitter account of the Council on Undergraduate Research (CUR) in its first virtual UR Exchange,
highlighting many inspirational stories of faculty-student research conducted during the challenges of the COVID-19 environment.

These tweets yielded 18,500 impressions, more than 100 mentions (including from a news outlet and a blog), more than 130 likes, 72 new followers, 22 retweets, and numerous tweets from colleague organizations such as the American Historical Association (AHA) and the American Chemical Society (ACS). Stories ranged from the artificial intelligence research of Ziqi Wang (Georgia Southern University) that has implications for the COVID-19 pandemic and the research of Harnoor Kaur (Michigan State University) on transgender homicide to research by Annamae Harmon (Indiana University Southeast) on the power of women through painting and a student-faculty team from UNC Greensboro that used game theory to show how Ebola could be eradicated. These accounts and more can be viewed on Twitter via the hashtag #URExchange.

11. 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.

- Call for Abstracts, Fifth Marianas History Conference, University of Guam and the Northern Marianas Humanities Council | Deadline November 30- today!
- Call for Abstracts, First Annual Conference, Journal of Young Investigators | Deadline November 30- today!
- Apply for a Goldwater Scholarship | Internal VT Deadline December 1- tomorrow!
- Apply for a SMART scholarship | Deadline December 1- tomorrow!
- Call for papers: The Ethics & Social Justice Essay Prize, Fordham Center for Ethics Education (for fourth-year undergraduates) | Deadline December 1- tomorrow!
- Travel Grants, Dr. Gerald A. Soffen Memorial Fund, NASA (for undergrads in aerospace-related sciences) | Deadline December 1- tomorrow!
- Call for abstracts, Harvard's National Collegiate Research Conference | Deadline December 12
- 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**

- **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 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**

- “**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 5 and January 29, 2021**

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

- **Undergraduate Summer Research Internship**, Center for Precision Medicine, Wake Forest School of Medicine | **Deadline February 8, 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**

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

- **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**

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

Have a great week. **Be Committed. Be well.** Wear a mask.

Best,
Keri

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