Hi,

Happy New Year! As you gear up for the new semester I wanted to share some great opportunities for undergraduate research training, presenting your research, and summer research programs.

Here's what's included in this week's newsletter:
1. OUR Operations
2. Undergraduate Research this Spring
3. Present your research at the Mid-Atlantic Undergraduate Research Conference
4. Present your research the 2021 ACC Meeting of the Minds
5. ALS 1984: Introduction to Research Practices
6. Advanced Research Skills Program
7. DoD Cyber Scholarship Program and Info Sessions
8. Summer REU in Robotics at Oregon State University
9. Coming soon - faculty/staff newsletter from the OUR
10. National Undergraduate Presentation and Paper Opportunities
11. National Undergraduate Internship and Research Opportunities

1. OUR Operations
The Office of Undergraduate Research will continue to operate remotely this semester. OUR Ambassadors will resume virtual drop-in office hours when classes begin next week. The schedule for office hours and zoom link will be posted on the Ambassador webpage later this week. 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 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. For students seeking to enroll in a course for credit, they should complete the COVID form again. For those working in labs, but not seeking credit, if they have an approved COVID form on file, that will suffice. Most current information, including link to the COVID form, are available on OUR homepage.

3. 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 25, 2021 (extended deadline)

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 srcvirginiatech@gmail.com.

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

4. Present your research and represent VT at the 2021 ACC Meeting of the Minds
Each year, undergraduate researchers from each ACC university gather at a host institution to present their research and creative scholarship at the annual ACC Meeting of the Minds (ACC MoM). All expenses are covered by the ACC Academic Consortium. This year, UNC-Chapel Hill will host the 2021 ACC MoM for the first time as a virtual conference, from April 9-11. Virginia Tech's Office of Undergraduate Research is currently accepting applications and 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.

Have questions? Email Keri Swaby, Director of the Office of Undergraduate Research (kswaby@vt.edu).

5. ALS 1984: Introduction to Research Practices
Looking for a course that will prepare you for research? There is still time to sign up for ALS 1984: Introduction to Research Practices, a three-credit, interdisciplinary research course designed to prepare
students for formal undergraduate research experiences. This spring it will be taught synchronously online on T/TH from 9:30-10:45. The course will provide an opportunity for students to apply problem solving skills in a diverse group setting. To provide a practical application of course content, we will use a workshop model once a week to engage students in understanding and discussion of concepts of literature review, presentation and writing skills, and best practices to becoming a collaborative, interdisciplinary researcher. All students who take the course will develop a research proposal and present it to peers and faculty.

6. Advanced Research Skills Program
Advanced Research Skills Program (ARS) is a 7 week, 6 workshop online series that introduces undergraduates to the concept of research and allows students a chance to practice high-level research skills. The program is worth points towards the university’s Undergraduate Research Excellence Program (UREP). The program begins in February. Sign-up here: https://guides.lib.vt.edu/arsp

7. DoD Cyber Scholarship Program and Info Sessions
The Hume Center for National Security and Technology is now accepting applications for the DoD Cyber Scholarship Program (DoD CySP) for the 2021-2022 Academic Year. This scholarship will cover all tuition, fees, books, and a laptop; it will also provide a $25,000 per year stipend for undergraduates and a $30,000 per year stipend for graduate students. This program is aimed at rising juniors, rising seniors, and all graduate students who are interested in cyber security, and who are in a degree program of interest to the DoD (Computer Engineering, Computer Science, Electrical Engineering, CMDA, BIT Cyber, and other engineering programs with an interest in cybersecurity.

In the 2020-2021 Academic year the Hume Center able to increase the number of students enrolled in the program from 3 to 10, and we are hoping to add a minimum of 5 additional students this year. Due to Virginia Tech’s outstanding reputation, VT students tend to be very competitive in the selection process for the program. Current students are slated to work at organizations across the DoD and Intelligence Community, including Naval Sea Systems Command (Red Team), Space and Naval Warfare Systems, U.S. Air Force Cyber Hunt, and the National Security Agency.

Please apply directly to Scholarship Central by February 1, 2021. This includes all letters of recommendation and required transcripts.

There will be two virtual information sessions to learn more about the program:

- Wednesday, January 13, 2021 from 2PM to 3PM
- Friday, January 22, 2021 from 10AM to 11AM

To RSVP for an information session, please fill out this form.

To apply, please click here

For more information on the program, please click here
8. Summer REU in Robotics at Oregon State University
Applications are now open for the Oregon State University (OSU) "Robots in the Real World" summer Research Experiences for Undergraduates (REU) Site. This year's program will run from June 21 to August 27, 2021, either virtually or on the main OSU campus in Corvallis, OR (campus reopening-permitting). We offer research experiences in all areas of robotics for undergraduate students with backgrounds in computer science, mechanical engineering, electrical engineering, mathematics, physics, social science, or any closely related fields. Interested students can learn more about this summer's REU projects here.

Students can apply here until February 10, 2021. And learn more about the program here.

9. Coming soon - faculty/staff newsletter from the OUR
This spring, the OUR is launching a new bi-semesterly newsletter specifically geared towards faculty, staff and graduate students, to provide information about resources, services, and undergraduate research related opportunities for funding, training, and the like. Research mentors, coordinators, and anyone supporting undergraduates doing research in any field are invited to sign up. Newsletters will be archived on our website along with the weekly student newsletters.

10. National Undergraduate Presentation and Paper Opportunities
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.

NOTE: A "call" is academic-speak for an invitation to submit your work to be considered for presentation at a conference or in a journal or maybe for some kind of competition. So, a "call for papers" means that a professional organization or similar body is asking people to submit original, scholarly articles for review and consideration for a publication (www.quora.com). An "abstract" is a short summary of a research project so a "call for abstracts" usually implies that you will be submitting a short summary of your research project in order to be considered as a presenter at a conference.

- Call for papers, "Food Matters in Literature and Culture," Digital Literature Review, Ball State University | 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
- 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**


• 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**

• **Apply to represent VT and present your research** at the 2021 Virtual ACC Meeting of the Minds | **Deadline January 26, 2021**

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

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

• **Call for abstracts**, 2021 Virtual Central California Research Symposium | **Deadline February 17, 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 abstracts**, Virtual Diversifying Scholarship Research Conference, University of Virginia | **Deadline March 15, 2021**

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

• Call for abstracts, **2021 Dennis Dean Undergraduate Research and Creative Scholarship (Virtual) Conference** at Virginia Tech | **Deadline April 1, 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**

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11. **National Undergraduate Internship and Research Opportunities**

*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.*

• **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**
• Laney Graduate School – Summer Opportunity for Academic Research at Emory University | 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

• 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 REU Program in Translational Ecology at the Cary Institute of Ecosystem Studies in Millbrook NY | Deadline 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 Computationally Driven Experimental Biology Summer Program, Virginia Tech/Colorado State University | Deadline January 31, 2021

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

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

• Applications now accepted, DoD Cyber Scholarship Program for the 2021-2022 Academic Year | Deadline February 1, 2021 (extended)

• 2021 Summer Undergraduate Research Fellowship in Translational Neurobiology, Fralin Biomedical Research Institute, Virginia Tech | Deadline February 1, 2021

• 2021 Summer Internship Programs, Van Andel Institute | Deadline February 1, 2021

• 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

• 2021 Virtual Summer Internships, Poster House | Deadline February 5, 2021

• 2021 REU in Chemistry, West Virginia University | Deadline February 5, 2021

• Arctic REU Greenland, Concord University | Deadline February 7, 2021

• Undergraduate Summer Research Internship, Center for Precision Medicine, Wake Forest School of Medicine | Deadline February 8, 2021

• 2021 Robots in the Real World REU, Oregon State University | Deadline February 10, 2021

• 2021 REU in Mathematics, CSU San Bernardino | Deadline February 11, 2021
• 2021 REU in New Generation Resilient Infrastructure, Virginia Tech | Deadline February 12, 2021
• 2021 REU in Agronomy, Rainfed Agricultural Innovation Network, Kansas State University | Deadline February 12, 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
• National Institute of Standards and Technology Summer Undergraduate Research Fellowship Program | Deadline February 14, 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 REU in Climate Change Science, UNC Asheville | Deadline February 15, 2021
• 2021 REU in Astrophysics, West Virginia University | Deadline February 15, 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
• Summer 2021 Maryland Sea Grant Summer REU program on Chesapeake Bay | Deadline February 19, 2021
• 2021 Summer Undergraduate Research Fellowship in Molecular Visualization, Fralin Biomedical Research Institute, Virginia Tech | Deadline February 21, 2021
• 2021 Undergraduate Summer Research Internship, Multicultural Academic Opportunities Program, Virginia Tech | Deadline February 22, 2021
• Summer 2021 National Security Undergraduate Intern—Computing and Analytics, Pacific Northwest National Laboratory | Deadline February 26, 2021
• 2021 REU in Statistical Modeling with Applications to Geoscience, Florida Tech | Deadline March 1, 2021
• 2021 REU in Robotics, West Virginia University | Deadline March 12, 2021
• Medical Student Research Program Internship, Van Andel Institute | Rolling reviews in March 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
• List of more than 300 **NSF REU sites** across the country with links | **Various deadlines**

Enjoy the rest of your break. **Be Committed. Be well.**

Best,
Keri

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