Hi,

It’s hard to believe that we are only one week away from the start of an exciting new year! We hope that you have had an enriching and rejuvenating summer.

You are receiving this email because you subscribed to the Office of Undergraduate Research (OUR) listserv. You will receive an email from us every Monday while classes are in session, which will include research related resources, opportunities and general information. To unsubscribe, see item #18 below.

There’s a lot happening in the world of undergraduate research and this week’s message is dense with information! Here’s what’s included in this week's newsletter:

1. **OUR Fall Operations**
2. Apply to become an OUR Ambassador
3. Join the OUR as a student intern- Apply today!
4. Undergraduate Research Excellence Program
5. Paid Undergraduate Research Position in Social Science and Qualitative Research
6. Research Opportunities at Wireless @ Virginia Tech
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**1. OUR Fall Operations**
The Office of Undergraduate Research (OUR) is back to normal in-person operations! You can find us in Burruss Hall, Suite 104. And feel free to email us at any time at UGR@vt.edu.

We have a team of student Ambassadors who are eager to meet and work with you. Learn about the ambassadors and their Fall drop-in office hours (virtual and in-person) on their webpage. Ambassador office hours kick off next Tuesday, August 24, from 8-9am. You may drop by in person to Burruss Hall, Suite 104 or drop in virtually via zoom: virginiatech.zoom.us/my/research (Personal ID number: 540 231 3580).

Answers to many of your questions can be found on our website. Some helpful pages to get you started include:

   - Welcome to the OUR
   - Getting Started
Research Opportunities

Mark Your Calendars! The OUR will be participating in several upcoming events. Stop by and say hi, meet OUR Ambassadors in person, ask questions, and pick up some cool swag!

CEED O Show: August 21, 3-6pm, Goodwin Hall Atrium
Gobblerfest: September 4, 2-5pm, Drillfield
Major's Fair: October 6, 10am-3pm, Squires Commonwealth Ballroom

2. Apply to become an OUR Ambassador
Are you passionate about undergraduate research? And want to share that passion while helping other students? The OUR is accepting rolling applications to the OUR student Ambassador Program. Students from ANY discipline are encouraged to apply. OUR Ambassadors are the "face" of the office, representing the office at-large, advising and guiding students interested in research, and disseminating information about undergraduate research, the Office of Undergraduate Research, and the services we offer. OUR Ambassadors are required to host office hours up to 2 hours per week, conduct one information session or other presentation per month and help at two OUR events per semester, in addition to the Spring Undergraduate Research symposium. This is a voluntary position with no financial compensation. Applicants must have prior research experience (in ANY field) to be considered for this role.

Application information HERE.

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

3. Join the OUR as a student intern- Apply today!
The OUR is seeking a student intern to support our office operations during the Fall semester. Specific tasks include, but are not limited to:

- Website maintenance- check that all posted links on the OUR website are working; review all opportunity listings to ensure current and up-to-date; find and compile current information for opportunities that are deemed to be outdated; review website for functionality and effectiveness; identify areas of deficiency or growth for our website
- Social media- Advertise OUR and opportunities on social media outlets each week; actively participate in Hokie Mentor Connect discussion group.
- Symposium support- Help to set up virtual symposium platform to enable students to share their research; help to compile and publish the symposium abstract book.
5-10 hours per week, flexible with student's academic schedule. Pay rate: $12/hr. Application review begins **August 23**. To see full job description and apply, log in to [Handshake](#) and look for Position **#5124124** Student Intern, Office of Undergraduate Research.

### 4. Undergraduate Research Excellence Program

It's never too early to join the Undergraduate Research Excellence Program (UREP) and get recognized for your engagement in undergraduate research. This 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](#).

### 5. Paid Undergraduate Research Position in Social Science and Qualitative Research

Applications are now being accepted for the NSF-funded Research Experience for Undergrads (REU) for the project “Broadening Participation in STEM” at Virginia Tech. Support will be provided for two undergraduates for 20 weeks to participate in data coding and analysis for Dr. Sarah Ovink’s NSF-funded project, “Broadening Participation in STEM: Intersectional and Institutional Influences on Underrepresented Minorities’ College and Career Pathways in Longitudinal Perspective” (BPS). REU participants will gain skills in social science and qualitative research. [More details about the project are attached](#).

15 hours/week; flexible time-shifting available to account for students’ other obligations; August 2021 to February 2022. Each student will receive a stipend of $225 per week.

No prior skills required, but some familiarity with the following may be a plus:

- Spreadsheet/database management
- Data coding of any type
- Prior undergraduate research
- Time management, working under deadline, and balancing school/work/other responsibilities
Apply: Please send resume and a brief (one-page) letter of interest outlining your interests and any previous experience by 5pm on Thursday, August 19, 2021 to Dr. Sarah Ovink at sovink@vt.edu. Incomplete packets will not be considered. Please include "NSF REU Sociology" in the subject line.

Questions? Please contact Dr. Sarah Ovink at sovink@vt.edu

6. Research Opportunities at Wireless @ Virginia Tech
We have paid and volunteer opportunities for undergraduate researchers as well as graduate students this fall that involve a combination of several topics including System administration, software development for multiple applications, software-defined radio (SDR), enhancement of a software framework that manages wireless experiments in a 50+ radio SDR testbed, interfacing of the experiment management framework with off-the-shelf wireless devices, development of portable SDR-based nodes for indoor and outdoor 5G+ wireless experiments. There are also opportunities to construct, operate, and program UAVs that can carry SDRs for air-to-air and air-to-ground wireless channel measurements and communications experiments.

If you are interested in any or all of the above, please send a brief statement of interest and resume to cdietric@vt.edu.

7. Seeking Applicants Immediately: Workforce Development Programs at Hume Center
Several Workforce Development Programs are available through the Hume Center for National Security and Technology for the 2021-2022 Academic year. Apply today!

The CACI Scholar Development & Research Program (CACI SDRP) will be focused on developing the next generation of computer scientists and engineers focused on signal processing, communications, and software defined radio for the national security community. The Hume Center will run long-term security-focused engineering projects composed of teams of students that span the gamut of class from sophomore through senior level with projected degrees in Computer Science, Electrical Engineering, Computer Engineering, and other relevant degree programs. Research teams will be run as a joint effort between students, faculty, and a CACI mentor who defines the specific research problem in the topic of
RF and communications, and students will be responsible for planning, execution, and final delivery of research results.

**MITRE Workforce Development Program** is seeking rising sophomores and juniors with an interest in artificial intelligence and machine learning. Students will learn from two top Hume Center researchers in AI/ML, and will work in teams to research and present work to MITRE subject matter experts in both the fall and spring semesters, after which the students will have a guaranteed internship with MITRE for the summer. These internships may become real jobs, as MITRE will choose students from the cohort to continue on in the program with job offers post-graduation. This program expects students to engage on the project for 8-10 hours per week, and all participants will receive a stipend each semester.

**Raytheon/DoD Workforce Development Program:** The core goal of this Workforce Development Program is to support Raytheon and the Department of Defense (DoD) with the identification and cultivation of a pipeline of clearable U.S. citizens interested in cyber security and machine learning. Selected students will attend bi-weekly lectures, participate in seminars, and complete a project-based curriculum on topics related to cyber security and machine learning to prepare them for guaranteed internships at Raytheon or the DoD in summer 2022. All students in the program will receive a research stipend and will work on the program for 8-10 hours per week during the academic year. Contingent on performance throughout the academic year and internship, you may be offered a full-time position and start your security clearance as part of this program.

More details included in the attached flyer. To Apply: [Click Here](#)

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Paid internship; remote; part time; 3 months; $15/hr

This internship opportunity will assist with a newly-launched oral history project to capture JDC’s institutional memory and showcase ‘voices’ of the vital global humanitarian work we’ve done since our founding in 1914.

This new project preserves interviews with long-time staff who were involved with JDC’s humanitarian efforts in Africa, Asia, Eastern Europe, Israel, and Latin America from the 1970s to the early 2000s. These first-hand accounts “in the field” will enhance JDC’s existing historic text and photo collections and serve as future resources for scholars and for the public.

This is an ideal opportunity for rising college seniors, recent college graduates, graduate students, and/or those looking for exposure to a career in archives, Jewish nonprofits, history, or oral history.

Rolling application deadline with expected start date of September 21.

Learn more [HERE](#).
9. **Fall 2021 Research Internship- Multi-Media Content Development**

The LGBTQ Religious Archives Network (LGBTQ-RAN) is seeking a Multi-Media Content Development Intern for the fall of 2021. This will be a part-time position (10 hours a week) for 13 weeks in September, October and November. This online internship is intended for students or recent graduates seeking to develop skills in preserving and studying LGBTQ religious history.

The responsibilities of this internship will include:
- Creating and assisting in the development of short historical presentations in a variety of formats--audio, video or text—for LGBTQ-RAN 20th anniversary campaign;
- Assisting in the production of webinars on LGBTQ religious history as part of the campaign; and
- Supporting social media and other publicity outreach for the campaign.

In addition, the intern will engage in other LGBTQ-RAN projects which could include researching and writing biographical profiles, conducting or transcribing oral history interviews and researching LGBTQ religious collections.

The intern will receive a stipend of $1,200.

Learn more and apply [HERE](#). Application deadline: August 20, 2021

10. **Science Undergraduate Laboratory Internships (SULI) for Spring 2022**

The Science Undergraduate Laboratory Internships (SULI) Program is now accepting applications for the 2022 Spring Term. Applications are due **October 6, 2021 at 5:00 PM ET**.

The Science Undergraduate Laboratory Internships (SULI) program encourages undergraduate students and recent graduates to pursue science, technology, engineering, and mathematics (STEM) careers by providing research experiences at the Department of Energy (DOE) laboratories. Selected students participate as interns appointed at one of [17 participating DOE laboratories/facilities](#). They perform research, under the guidance of laboratory staff scientists or engineers, on projects supporting the DOE mission.

Learn more and apply [HERE](#).
11. Undergraduate Research Support Award in Physics and Astronomy
In memory of CURPA Councilor Nadine Barlow, a limited number of Undergraduate Research Support Awards (URSA), with a maximum amount of $500 each, will be offered to help undergraduates (1) conduct faculty-mentored research, (2) present their research at national conferences, or (3) publish their research in peer-reviewed journals.

Learn more HERE or go directly to the online application HERE. Deadline to apply: October 1

12. Sigma Xi GIAR Program Accepting Applications for Research Funding
Undergraduate and graduate students are invited to apply for research funding through the Sigma Xi Grants in Aid of Research (GIAR) program. The deadline to submit applications for the fall 2021 grant cycle is October 1st. The program awards grants of up to $1,000 to students from most areas of the sciences and engineering. Additionally, designated funds from the National Academy of Sciences allow for grants of up to $2,500 for human vision research and up to $5,000 for astronomy research. Interested students should visit sigmaxi.org/GIAR to learn more about the program, read stories from past recipients, and submit applications.

13. Invitation to participate in Research Study on Undergraduate Research Mentoring
We are inviting you to join the Mentoring in Undergraduate Research Study (MURS). We are studying the quality of mentoring that undergraduate science researchers experience. If you are 18+ years old and are starting undergraduate research this fall for the first time, we would love to hear from you!

As a valued member of this group, we will ask you to respond to two surveys this fall: one now and one at the end of the fall. We anticipate that it will take you approximately 15 minutes to complete the first survey and approximately 20 minutes to complete the second survey. In exchange for your time, we will give you a $10 gift card for the first survey and $15 for the second survey, to your choice of Amazon or Starbucks. To ensure your responses are useful, it is critical that you respond to both surveys.

Ultimately, our goal is to use the study results to improve the research mentoring experiences for future students. Although we don’t anticipate that you will benefit directly by participating in this study, your participation could help improve the effectiveness of undergraduate research experiences for future students.

To participate, please click here: https://ugeorgia.ca1.qualtrics.com/jfe/form/SV_cHBmzapm9tw1pJQ

If you have any questions or would like additional information, please feel free to email us at MURStudy@uga.edu and one of us will personally respond to you. Thanks for taking the time to share your experiences with us to improve mentorship of undergraduate researchers!
14. Call for Abstracts: Bridging the Gap: Research Networks for Positive Change in Appalachia, 2021 Virtual Health Summit

The 2021 ATRN Virtual Health Summit is accepting abstracts for presentations and posters. The theme for the 2021 Virtual ATRN Health Summit is Bridging the Gap: Research Networks for Positive Change in Appalachia.

The Penn State College of Medicine will host the 11th Annual Summit on October 19-20, 2021. The Summit will be held virtually on our Virtual Event Platform, Airmeet.

We are most interested in research, programs, and/or community efforts that highlight success in improving health and well-being in the Appalachian Region. The Summit will showcase both podium presentations and poster sessions. There is no cost for abstract submission. Abstracts are due August 20th at 11:59 PM. We encourage student attendance and abstract submission.

Learn more and submit abstracts HERE.

15. Get Published: Erudite, the National Undergraduate Research Journal

Erudite, the National Undergraduate Research Journal, has recently launched a virtual platform for undergraduate researchers to share scholarly ideas, present scientific findings, and gain early exposure to the professional publication process. We hope that this journal may allow undergraduate students to grow as future scientists and professionals.

Erudite is currently accepting submissions from all prospective undergraduate researchers! Students would have the unique opportunity to receive in-depth feedback on their work, publish their research, and network with fellow students and professors across the nation. We accept and publish submissions on a rolling basis throughout the year. See the attached flyer for more information.

Submission: www.eruditenurj.org/publication/submit/
16. 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 Abstracts**, "Justice & Equity: The Future of Health Education," Virtual Annual Conference, North Carolina Chapter of the Society for Public Health Education | **Deadline August 20, 2021**
- **Call for Abstracts**, "Bridging the Gap: Research Networks for Positive Change in Appalachia," 2021 Virtual Health Summit, Appalachian Translational Research Network (student submissions encouraged) | **Deadline August 20, 2021**
- **Call for Abstracts**, Second Annual Harmful Algal Bloom Virtual Symposium, Iowa Water Center | **Deadline August 27, 2021**
- **Call for Abstracts**, Virtual Pop-Up Conference on Popular Culture, Lone Star College–University Park | **Deadline August 29, 2021**
- **Call for Abstracts**, "Home Economics: Soaring toward Sustainable Development," 2022 World Congress International Federation for Home Economics | **Deadline August 31, 2021**
- **Call for Poster Abstracts**, Virtual Conference, Black Doctoral Network (open to undergrads from all disciplines and all ethnic/racial backgrounds) | **Deadline August 31, 2021**
- **Call for Poster Abstracts**, 2021 Virtual Conference, International Center for Responsible Gaming | **Deadline September 1, 2021**
- **Call for Abstracts**, Virtual 2021 Symposium on Substance Use Research, UNL Rural Drug Addiction Research Center/COBRE on Opioids and Overdose–WVCTSI/WV-INBRE | **Deadline September 1, 2021**
- **Call for Abstracts**, “Medieval Global Encounters” and “Race and Medieval Studies,” 31st Annual Conference, Texas Medieval Assn | **Deadline September 1, 2021**
- **Call for Poster Abstracts**, 2021 West Virginia Rural Health Conference, West Virginia Rural Health Assn | **Deadline September 3, 2021**
- **Call for Papers**, "The Role of the Arctic in International Relations and International Cooperation," Global Affairs Review | **Deadline September 3, 2021**
- **Call for Posters**, "Emerging Approaches to Omics Questions: Data Science for the 21st Century," Sixth Annual MidAtlantic Bioinformatics Virtual Conference | **Deadline September 8, 2021**
- **Call for Abstracts**, Conference on Digital Experimentation, MIT | **Deadline September 15, 2021**
- **Call for Proposals**, “Indigenous-Mennonite Encounters in Time and Place” Conference, University of Waterloo | **Deadline September 30, 2021**
- **Call for Proposals**, International Academic Conference on the Sustainable Development Goals, Utah Valley University | **Deadline November 1, 2021**
- **Call for Abstracts**, April 2022 Technical Meeting, Rubber Division, American Chemical Society | **Deadline November 6, 2021**
• **Call for Proposals**: “Literary Geographies: Space, Place, and Environments”; Conference on Christianity and Literature, Biola University | **Deadline November 15, 2021**

17. **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.*

- **Internship**, Office of Equity and Human Rights, City of Iowa City | **Deadline TODAY August 16, 2021**
- **Spring 2022 Science Undergraduate Laboratory Internships (SULI)**, US Dept of Energy | **Deadline October 6, 2021**
- **Various internships**, US Environmental Protection Agency | **Summer and fall deadlines**
- **Visiting Scientist Program**, Counterterrorism, and Forensic Science Research Unit, FBI | **Applications reviewed on a rolling basis**
- **Various Fall Internships**, American Civil Liberties Union | **Applications considered on a rolling basis**

18. **Unsubscribe from this group**

If you would like to unsubscribe from this group, please send an email to undergraduateresearch-g+unsubscribe@vt.edu.

Have a great week and a successful start to the new academic year!

Best,
Keri

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