Hello Hokies! The Spring 2022 semester is about to begin. We look forward to bringing you more new undergraduate research programs, professional development, and paper and presentation opportunities to challenge and engage you in the coming semester.


This newsletter also features professional development opportunities for undergrads who plan to pursue a career in public health and those who wish to learn more about conducting research. This week's newsletter ends with various paper and presentation opportunities. You may click here to see a quick recap of opportunities that are listed in the past couple of editions (asterisks mark research programs accepting international students).

In today's edition:

1. **OUR Office Bulletins**
   1. Office Hours & Survey
   2. Apply to Present at The Atlantic Coast Conference (ACC) Meeting of the Minds (All Expenses Covered)

2. **Research Opportunity at VT**
   1. Environmental Justice Study Researcher

3. **Research Opportunities Beyond VT**
   1. Repperger Research Intern Program
   2. Biosphere 2 REU Program at Arizona
   3. Experimental Linguistics in the Caribbean at the University of the Antilles in Guadeloupe
   4. National Institute of Standards and Technology Virtual Research Fellowship (SURF) Program at Boulder
5. National Institute of Standards and Technology Virtual Research Fellowship Program at Gaithersburg
7. Summer Internship at the Boston University Developing Minds Lab**
8. US Department of Homeland Security Student Workforce to Experience Research Program
9. The Center for Retirement Research Undergrad Fellowship Program**
10. STRONG Scholars Program at The Markey Cancer Center

4. Professional Development Opportunities
   1. Health Professions Advising Provided by the Smith Career Center
   2. ALS 2604: Intro to Interdisciplinary Research Practices Undergraduate Research Course
   3. The Advanced Research Skills (ARS) Workshops

5. Paper & Presentation Opportunities

1.1 Office Hours & Survey
Office hours will be held virtually at this point until further notice. You need to be logged into your VT Zoom account before opening the link. (Personal ID number: 540 231 3580)

Wednesday, January 26, 2022, from 9 am - 10 am
Thursday, February 3, 2022, from 2 pm - 3 pm
Friday, February 11, 2022, from 12 pm - 1 pm

We can always be reached at ugr@vt.edu if you need help with undergrad research experience. Let us know what you think about the newsletter by taking this quick survey!

1.2 Apply to Present at ACC Meeting of the Minds (All Expenses Covered)
The annual research conference celebrating undergraduate research and creative inquiry is hosted by a member institution of the ACC. People from many disciplines and institutions come together to learn from and with each other, forge new
connections, and delight in the accomplishments of undergraduate students conducting research. All expenses are paid by the ACCAC. Click here to learn more about the program.

**Student Application deadline: Jan. 31, 2022, at 5 pm**

**Faculty Endorsement deadline: Feb. 2, 2022, at 12 pm**

### 2.1 Environmental Justice Study Researcher
Dr. Emily Satterwhite, associate professor and the director of Appalachian Studies in the Department of Religion and Culture, is seeking research assistance for a door-to-door environmental justice study in Lafayette/Elliston, VA, during spring semester 2022. Compensation is $15/hour or course credit, in addition to travel reimbursement. Interested students should email satterwhite@vt.edu ASAP.

### 3.1 Repperger Research Intern Program
The program provides research opportunities for science and engineering students at one of the Air Force research facilities under the mentorship of an Air Force scientist through the U.S. Department of Energy and the U.S. Department of Defense. Click here to learn more about the program. The deadline is Jan. 24, 2022, at 3 PM EST.

### 3.2 Biosphere 2 REU Program at Arizona
The program allows students to conduct guided research in environmental/Earth systems in Arizona desert/mountains. The program encourages applications from students majoring in Biology, Ecology, Plants, Hydrology, Soil, Geography, Atmosphere, Math, Physics, and Chemistry. Click here to learn more about the program. The deadline is Mar. 1, 2022.

### 3.3 Experimental Linguistics in the Caribbean at the University of the Antilles in Guadeloupe
The international research experience is designed to equip you with knowledge and skills to conduct STEM-based research projects in the language sciences in different
geographic, socio-cultural, and linguistic environments. Applications from undergraduate and graduate students enrolled in programs in African-American/Black/Caribbean Studies, Cognitive Science, Computational Sciences, Education, Linguistics, Modern Languages, Psychology, Speech-Language-Hearing-Communication Sciences are welcome! Click here to learn more about the program. The deadline is Mar. 31, 2022.

3.4 National Institute of Standards and Technology Virtual Research Fellowship (SURF) Program at Boulder
As a participant, you can expect to train under the mentorship of internationally known NIST scientists and engineers, acquire lifelong leadership and analytical skills, build professional networks, and learn about a career in public service. Additionally, you will also gain insight into how NIST improves our quality of life through the advancement of measurement science, standards, and technology. The SURF Program will be administered virtually. Click here to learn more about the program. The deadline is Feb. 15, 2022, at 11:59 PM EST.

3.5 National Institute of Standards and Technology Virtual Research Fellowship Program at Gaithersburg
As a participant, you can expect to train under the mentorship of internationally known NIST scientists and engineers, acquire lifelong leadership and analytical skills, build professional networks, and learn about a career in public service. Additionally, you will also gain insight into how NIST improves our quality of life through the advancement of measurement science, standards, and technology. The SURF Program will be administered virtually. Click here to learn more about the program. The deadline is Feb. 15, 2022, at 11:59 PM EST.

3.6 Architecture of Earthquakes in the Deep Crust: International Arctic Expedition Science for Undergraduates
The program is focused on developing skills in geologic mapping and fieldwork in Precambrian rocks. Our work will integrate structural geology, metamorphic geology, and earthquake geodynamics in a remote, international setting. Fieldwork
based in Sisimuit, Greenland. Travel expenses to the program and full logistical support for fieldwork in Greenland will be provided. Click here to learn more about the program. The deadline is Feb. 7, 2022.

3.7 Summer Internship at the Boston University Developing Minds Lab**
The program is seeking excellent undergraduates for our summer internship program. Research in the Developing Minds Lab focuses on the development of an object, numerical, and future-oriented cognition. Applicants should have a background in psychology, cognitive science, neuroscience, or a related field. Applicants should send the following to devmind@bu.edu with the subject line 2022 Summer Internship Program. Click here to learn more about the program. The deadline is Feb. 15, 2022.

3.8 US Department of Homeland Security Student Workforce to Experience Research Program
The program is offering students hands-on experiences with federal facilities and other HS-STEM-focused international partners in both Washington, D.C, and Ottawa, Canada. The program is open to students majoring in a broad spectrum of homeland security-related science, technology, engineering, and mathematics (STEM) disciplines as well as DHS mission-relevant research areas. Click here to learn more about the program. The deadline is Jan. 31, 2022.

3.9 The Center for Retirement Research Undergrad Fellowship Program**
The program is focused on individuals interested in academic disciplines broadly related to the Center’s core research in retirement income security. In addition to economics, finance, and public policy, these areas could include computer science, health, international studies, mathematics, political science, psychology, and sociology. Click here to learn more about the program. The deadline is Jan. 31, 2022.

3.10 STRONG Scholars Program at The Markey Cancer Center
The program is funded by the American Cancer Society (ACS) to support Diversity in Cancer Research (DICR). Participants will receive a stipend of $5,000 ($500 per week), a personalized mentored research experience, strong networking opportunities, and fundamental education in cancer biology and clinical care. Click here to learn more about the program. Applications are due Feb. 21, 2022.

4.1 Health Professions Advising Provided by the Smith Career Center
Health Professions Advising assists students and alumni pursuing a future health care career in areas that include medicine, dentistry, optometry, pharmacy, veterinary medicine, occupational therapy, nursing, physician assistant, physical therapy, and other graduate health professions. Click here to learn more about the program.

4.2 ALS 2604: Intro to Interdisciplinary Research Practices Undergraduate Research Course
The class will be offered T/TH 3:30-4:45 in Newman Library Classroom 101S. The course fulfills a Pathways 1a requirement and is designed to provide students with an introduction to formal research practices and basic research methods. Students who take this course will:

- Engage in interdisciplinary collaboration via team research projects
- Apply problem-solving skills in a diverse group setting
- Present research to faculty and peers in a professional setting (resume building)
- Develop a competitive edge for undergraduate research opportunities

4.3 The Advanced Research Skills (ARS) Workshops
The Advanced Research Skills (ARS) is a 6 workshop, comprehensive online undergraduate research series that was created by University Libraries in partnership with the Office of Undergraduate Research. ARS offers students a chance to practice high-level research skills like applying for grant funding, designing effective research posters, or communicating their research to others outside of their field. You can sign up for the ARS workshops here. Students who successfully complete the program will receive points counting toward the
university’s Undergraduate Research Excellence Program (UREP) and receive a graduation cord with a total of 50 points. Learn more about the UREP program here.

5. Paper & Presentation Opportunities

- **Journal of Science Policy and Governance**, Sigma Xi Society | **Deadline January 23, 2022**
- **Ted Lasso and Philosophy**, Blackwell Philosophy and Pop Culture | **Deadline January 24, 2022**
- **Highlighting Undergraduate Research**, Frontiers in Hydrology | **Deadline January 26, 2022**
- **Environmental Science and Technology**, ACS Axial | **Deadline January 26, 2022**
- **Reed Undergraduate Journal of Existentialism**, St. Olaf College | **Deadline January 31, 2022**
- **International Conference on Social Media and Society**, ICSMS | **Deadline January 31, 2022**
- **First Bourma Conference**, Society for Sedimentary Geology | **Deadline January 31, 2022**