Hello Hokies! If you have amazing research mentors, please consider nominating them for the Outstanding Undergraduate Research Mentor Award! We'd also like to remind you that the Multicultural Academic Opportunities Program (MAOP) Undergraduate Summer Research Internship is due today at 5 pm! This week's newsletter also features research programs in Life Sciences, Ecology, Entomology, Conservation Biology, Molecular and Synthetic Microbiology, Economic Studies, Foreign Policy, Global Economy and Development, Governance Studies, Metropolitan Policy, Integrative and Evolutionary Biology, Urobiome Data, Biophysics, Biochemistry & Bioengineering, Biomedical Science, Biology, and related fields. Programs taking applications from international students are marked with asterisks (**). The newsletter ends with a travel grant award for students in Biology and the 3rd LatinX Symposium at VT.

Did you apply? Or have opinions about the newsletter? Let us know by taking the quick survey at the end of the newsletter! (6 minutes read)

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1.1 **Office Hours**

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) The next three office hours will be:

- Thursday, Feb. 24, 2022, from 2 pm to 3 pm
- Friday, Mar. 4, 2022, from 12 pm to 1 pm
- Wednesday, March 16, 2022, from 9 am-10 am

We can always be reached at ugr@vt.edu if you need help with undergrad research experience.
1.2 Undergraduate Research Mentor Award Nomination

Do you have an amazing research mentor?! 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 or graduate student research mentor from any discipline for the award of Outstanding Undergraduate Research Faculty Mentor for the 2021-22 academic year. Click here to learn more about the program. The deadline is Mar. 5, 2022, at 5 pm.

2.1 Fralin Summer Undergraduate Research Fellowship**

All current Virginia Tech undergraduates considering a career in life sciences research are encouraged to apply for this fellowship. Please note that this program is funded by the Fralin Life Sciences Institute at Blacksburg and NOT the Fralin Biomedical Research Institute at Roanoke. Click here to learn more about the program. The deadline is Feb. 27, 2022, at 5 pm.
2.2 Ant Dynamics and Corridors Research Program

Selected students will be based at Virginia Tech (Blacksburg, VA) and can expect to travel to the Savannah River Site near Aiken for 2-3 one-week trips in June and July with Melissa Burt for fieldwork. The position will last about 12 weeks (~May-August) and the start date can depend on your semester schedule. The REU will gain experience with experimental design, collecting data in the lab and field, data analysis, and scientific communication. This is a great opportunity for students interested in ecology, entomology, conservation biology, or related fields. To apply, please send the following to Melissa Burt at melissaburt@vt.edu by February 28th: (1) Resume or CV, (2) Cover letter on why you are interested in this position (1 pg), and (3) Names and contact information for 2 references. Click here to learn more about the program. The deadline is **Feb. 28, 2022.**

3.1 Molecular and Synthetic Microbiology REU – University of Georgia

Research topics address the diverse functions of bacteria, archaea, fungi, and other microbes in this program. Click here to learn more about the program. The deadline is **Feb. 25, 2022.**
3.2 Brookings Institution Internship Program**

The program provides undergraduates the opportunity to learn new skills by working with Brookings’ staff in a variety of research areas – Economic Studies, Foreign Policy, Global Economy and Development, Governance Studies, and Metropolitan Policy. Click here to learn more about the program. The deadline is Feb. 27, 2022.

3.3 Integrative and Evolutionary Biology REU at UMassachusetts Boston

Sample research topics included in the program are marine community biodiversity and ecosystem function, amphibian microbiome and disease ecology, ecological genomics of plants, and biodiversity and ecoinformatics. Click here to learn more about the program. The deadline is Feb. 28, 2022.

3.4 Loyola Adventures in Urobiome Data (LAUD) Summer
Research Program Selected student researchers will gain exposure to current research areas in benign urologic disease, conduct hypothesis-driven research, and develop the skills to synthesize, interpret, and present their scientific research. Applicants should have completed genetics or cell biology along with a statistics course. Click here to learn more about the program. The deadline is Mar. 1, 2022.

3.5 Center for Cellular and Biomolecular Machines Summer Internship

This program provides research experience in biophysics, biochemistry & bioengineering. Click here to learn more about the program. The deadline is Feb. 25, 2022.

3.6 Maine Medical Center Research Institute Summer Student Research Program **

Research at MMCRI covers a broad area in biomedical science including cardiovascular biology, stem cell biology, developmental biology, neurobiology, and metabolic and hormonal regulation as well as outcomes research, vector-borne
diseases, and clinical research. Click here to learn more about the program. The deadline is **Feb. 22, 2022**.

### 3.7 MD/Ph.D. Undergraduate Summer Research Internship - West Virginia University

The program is designed for students interested in pursuing a career as a physician-scientist. The internship provides an opportunity to actively engage in biomedical research and gain clinical shadowing experience. Click here to learn more about the program. The deadline is **Feb. 28, 2022, at 11:59 pm EST**.

### 4.1 Biology Student Travel Grant Awards**

The Biology Division of the Council on Undergraduate Research (CUR) is offering a limited number of travel grants, up to $250 each, for undergraduate students presenting original biological research results at a regional or national, discipline-specific meeting* during the fiscal year 2021-2022. Click here to learn more about the program. The deadline is **Feb. 28 at 5:00 pm ET**.
5. Paper & Presentation Opportunities

- **3rd Latinx Symposium at Virginia Tech**, Virginia Tech, Blacksburg, VA. | Deadline is not specified

Let us know if you found the newsletter helpful & what you think about the newsletter by taking this quick survey!

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