Hello Hokies! This newsletter features research programs for students interested in Data Science, Bio-Inspired Catalysis, Biomaterials, Machine Learning and Catalysis, Integrative Biology, Integrative Microbial, Plant Systems, and Experimental Mathematics. Programs that are considering applications from international students are marked with asterisks(**). This newsletter also features a grant program that reimburses the Remote Pilot Certificate exam fees for students who are interested in drone flight. The newsletter ends with paper and presentation opportunities in various areas. (5 minutes read)

In this week's edition:

1. **OUR Office Bulletins**
   1. Office Hours

2. **Research Programs at and Beyond VT**
   1. Data Science for Public Goods**
   2. Chemistry Summer Research Program at CMU
   3. Emerging Leaders in Data Science Fellowship, NIH-HIAID
   4. Integrative Biology Summer Undergraduate Research Experience, UC Berkeley**
   5. Integrative Microbial and Plant Systems Research Experience, NC State University
   6. Experimental Mathematics Research Experience at MSU

3. **Professional Development**
   1. Remote Pilot Certificate for Drone/Unmanned Aircraft**

4. **Paper & Presentation Opportunities**

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](#). (ID number: 540 231 3580)
Wednesday, March 16, 9:00 a.m.-10:00 a.m.
Thursday, March 24, 2:00 p.m.-3:00 p.m.
Friday, April 1, 12:00 p.m.-1:00 p.m.
We can always be reached at ugr@vt.edu if you need help with undergrad research experience.

2.1 Data Science for Public Goods**
The program allows young scholars to conduct research at the intersection of statistics, computation, and the social sciences to determine how information can be leveraged to inform public policy. All majors are welcome. Click here to learn more about the program. Applications will be considered on a rolling admissions basis starting on March 4, 2022.

2.2 Chemistry Summer Research Program at CMU
The program consists of plenty of opportunities in different areas, including Bio-Inspired catalysis, Biomaterials, Machine Learning and Catalysis. Click here to learn more about the program. The deadline is March 31, 2022.

2.3 Emerging Leaders in Data Science Fellowship, NIH-HIAID
Selected fellows will receive training and hands-on experience in a broad range of data science topics, including data analytics, informatics methods, and software development, but will also be exposed to how data science funding programs are being developed for research and training, and in the design of data governance and sharing strategies. Click here to learn more about the program. The deadline is March 25, 2022.

2.4 Integrative Biology Summer Undergraduate Research Experience, UC Berkeley**
Selected students Students will work with labs in the UC Berkeley Department of Integrative Biology and in many different areas. Click here to learn more about the program. The deadline is April 1, 2022.
2.5 Integrative Microbial and Plant Systems Research Experience, NC State University
The program focuses on basic and applied questions about plant-microbe interactions in the face of climate change and global food security hardships. Four major research themes across these faculty are stress resilience, nutrient acquisition in plant and microbial systems, signaling in plant-microbe systems, and plant-microbiome modeling. Click here to learn more about the program. The deadline is April 1, 2022.

2.6 Experimental Mathematics Research Experience at MSU
Combinatorial Games on Graphs and Recursive Polynomials are two projects that will be offered for selected students. Click here to learn more about the program. The deadline is Applications will be considered on a rolling admissions basis starting on March 1, 2022.

3.1 Remote Pilot Certificate for Drone/Unmanned Aircraft**
A grant program from the Virginia Tech Drone Park will reimburse the $175 test fee for Virginia Tech undergraduate students who pass the Unmanned Aircraft General - Small (UAG) exam to obtain a Remote Pilot Certificate from the Federal Aviation Administration. Click here to learn more about the program. The deadline is not specified but we suggest students who are interested to apply ASAP.

4. Paper & Presentation Opportunities
- IMAGE 2022, International Meeting for Applied Geoscience and Energy | Deadline March 17, 2022
- Pharmaceutical Microbiology Conference 2022, Parenteral Drug Association | Deadline March 31, 2022
- 96th Annual School Health Conference, American School Health Association | Deadline April 1, 2022
- Innovations in Science Diplomacy, Journal of Science Policy and Diplomacy | Deadline April 3, 2022
- Engagement Scholarship Consortium, Virginia Tech | Deadline March 31, 2022
• **The 4th Hybrid The Intersection of Linguistics, Language, and Culture (ILLC) Conference** | Deadline **May 15, 2022**
• **The Intersection of Linguistics, Language, and Culture (ILLC) journal** | Deadline **June 15, 2022**

Let us know what you think about the newsletter by taking this quick survey!