Correction:
The National Conference on Undergraduate Research (NCUR) is no longer accepting applications at this point. Students who qualified are already have been selected and no more sponsorship for this year will be provided.

I apologize for the confusion. Please let me know if you have any other questions about the newsletter at span@vt.edu. Thank you.

Best regards,

Shu

On Mon, Feb 7, 2022 at 10:00 AM Shu Pan <span@vt.edu> wrote:

Good morning and congrats to a VT team that's selected to participate in the 2022 NASA SUITS Design Challenge! Interested in knowing what these Hokies are doing in outer space through undergraduate research? Check this out!

This newsletter features research programs outside VT in Biomedical Studies, Cancer Research, Data-Enabled Industrial Mathematics, Marine Science, Estuarine Science, and in an interdisciplinary research area that combines Machine Learning, Music Theory, and Cognitive Science. This newsletter also features professional development programs including a research tour in biomedical research with VT faculty at Roanoke, VA., startup IP and new venture growth bootcamps, and the 3rd VT LatinX Symposium. If you're looking for paper & presentation opportunities, there are 2 symposiums mentioned in the newsletter. Students who get selected for the National Conference on Undergraduate Research (NCUR) will be sponsored to attend the conference.

Let us know what you think about the newsletter by taking the quick survey at the end of the newsletter! (5 minutes read)

In today's edition:

1. OUR Office Bulletins
   1. Office Hours
2. Research Programs Beyond VT
   1. Biomedical Research Internships Catalog**
   2. Research Projects in Data-Enabled Industrial Mathematics
   3. Computational Methods for Understanding Music, Media & Minds
   4. Biomedical Summer Research Experience at the College of Pharmacy at UIC
5. Maryland Sea Grant's Research Experiences for Undergraduates in Estuarine Science
6. Advancing Research on Cancer (GW-SPARC)

3. Professional Development Opportunities
   1. Facultea Series Roanoke Biomedical Research Tour
   2. LICENSE's Tech Transfer Boot Camp and LAUNCH's Startup Labs
   3. The 3rd Virginia Tech Latinx Symposium

4. 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. (Meeting ID number: 540 231 3580)
Friday, February 11 from 12pm-1pm
Wednesday, February 16 from 9am-10am
Thursday, February 24 from 2pm-3pm
We can always be reached at ugr@vt.edu if you need help with undergrad research experience.

2.1 Biomedical Research Internships Catalog**
This is an extensive list of summer research opportunities for biomedical researchers. Worth a look!! Click here to learn more about the program. For different programs, the deadlines vary.

2.2 Research Projects in Data-Enabled Industrial Mathematics
The program provides undergraduate students with opportunities to participate in authentic research projects in data-enabled industrial mathematics. Industrial mathematics is a relatively recent discipline concerned primarily with transforming technical, organizational, and data-enabled problems posed by business, industry, or government into mathematical problems. Click here to learn more about the program. The deadline is Mar.1, 2022.

2.3 Computational Methods for Understanding Music, Media & Minds
How can a computer learn to read an ancient musical score? What can methods from signal processing and natural language analysis tell us about the history of popular music? Can a computer system teach a person to better use prosody (the musical pattern of speech) in order to become a more effective public speaker? These are some of the questions that students will investigate in the program. Click here to learn more about the program. The deadline is Feb. 6, 2022.

2.4 Biomedical Summer Research Experience at the College of Pharmacy at UIC
The objective of this program is to introduce undergraduate students to biomedical research in order to heighten interest in science as a career and increase the number of young scientists entering the biomedical research disciplines. Click here to learn more about the program. The deadline is Mar. 15, 2022.

2.5 Maryland Sea Grant's Research Experiences for Undergraduates in Estuarine Science
The program offers 15 students the opportunity to conduct marine research on the Chesapeake Bay. Research areas include: Benthic environment, Climate change, Contaminants, Environmental chemistry, Estuarine processes, Fisheries, Modeling and analysis, Molecular biology and genetics, and Physical oceanography. Click here to learn more about the program. The deadline is Feb. 15, 2022.

2.6 Advancing Research on Cancer (GW-SPARC)
The GW-SPARC program engages diverse undergraduates in a mentored summer research experience at the George Washington University (GW) Cancer Center. This program is intended for undergraduates considering Ph.D. training and a career in research. Click here to learn more about the program. The deadline is Feb. 15, 2022.

3.1 Facultea Series Roanoke Biomedical Research Tour
Interested in learning about Biomedical Research? The Biological Sciences FBRI faculty invite you to tour their labs and see what’s up in Roanoke as part of our Facultea Series. Click here to RSVP.
Dr. Scott Johnston: Blood vessels and cardiovascular disease, small molecule drugs
Dr. Anthony LaMantia: How the brain connects to behavior and disability
Dr. Jess Pfleger: Molecular mechanisms of cardiovascular disease, cellular stress response
Dr. James Smyth: Mechanisms of cardiomyopathy, identification of therapeutic targets
When: Friday, Feb 11th 1-3pm
Where: Roanoke FBRI campus, 4 Riverside Circle (RSVP for meet up spot)
How to Get There: Drive (there’s lots of Free Parking) or take the Smart Way Express (free for students) to Riverside 4 (takes 1 hr from VT)
https://smartwaybus.com/swx.html

3.2 LICENSE’s Tech Transfer Boot Camp and LAUNCH's Startup Labs
LICENSE’s Tech Transfer Boot Camp will explain the basics of technology transfer and how inventions from university research are protected and commercialized. The enrollment deadline is Feb. 11. LAUNCH’s Startup Labs will provide hands-on activities to enhance researchers’ entrepreneurial thinking and de-mystify the deeptech new venture process. The enrollment deadline is Feb. 25. Click here to learn more about the program.

3.3 The 3rd Virginia Tech Latinx Symposium
The symposium has the purpose of increasing visibility, providing a forum for conversation and scholarship, and sharing experiences and strategies that benefit Latinx and Hispanic faculty and students. The theme for this version of the Symposium will be “Latinx Education at Virginia Tech.” Click here to learn more about the program. Contact Veronica Montes at vmontes@vt.edu for inquiry.

4. Paper & Presentation Opportunities
• Virtual Student Research Symposium, World Class Day 5| Deadline Feb. 18, 2022
How do you like the newsletter? Let us know by taking this quick survey!

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You received this message because you are subscribed to the Google Groups "undergraduateresearch-g@vt.edu" group.
To unsubscribe from this group and stop receiving emails from it, send an email to undergraduateresearch-g+unsubscribe@vt.edu.