Hi,

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1. **Beckman Scholars Program accepting applications**

The [Beckman Scholars Program](https://www.vt.edu/beckman-scholars-program.html), supported by the [Arnold and Mabel Beckman Foundation](https://www.beckmanfoundation.org/), is a 15-month mentored research experience for exceptionally talented, full-time undergraduate students in chemistry, biological sciences, or biochemistry at Virginia Tech. Each year, two students will be selected to participate in this prestigious and comprehensive program, which includes a fully funded research experience with an exemplary mentor and unique programming in communication, leadership, grantsmanship, and diversity and inclusion awareness.

**Eligibility Requirements**

- Must be a full-time Virginia Tech sophomore in the spring 2021 semester
- Must be majoring in Chemistry, Biology, or Biochemistry
- Must be a citizen or permanent resident of the United States or its territories

Applications are being accepted until **5pm on March 15**. The program begins on May 24, 2021. Learn more and apply on the [program website](https://www.vt.edu/beckman-scholars-program.html). Please direct any questions to Amanda Morris (email: ajmorris@vt.edu).
2. Faculty invited to apply for Undergraduate Research Mini Grants

The mission of the Office of Undergraduate Research is to foster an undergraduate research community that promotes, enhances, and expands undergraduate research opportunities for all students at Virginia Tech. Our vision is to provide undergraduate research opportunities for all students, in all fields of study, beginning their first year through a capstone experience.

The goals of the Undergraduate Research Faculty Grant Program are to:

1. Increase student access to genuine undergraduate research opportunities, and
2. To widen the breadth of opportunities and participation across majors.

The past year has been anything but normal, but it has revealed opportunities for innovation and creativity. One positive outcome has been increased equity and access to undergraduate research through the availability of remote and virtual opportunities. So this year, the Undergraduate Research Faculty Grant Program will provided a handful of short-term mini grants of up to $3,500 each to individual faculty, teams of faculty, or departments, to facilitate the development or support of novel programs that aim to scale undergraduate research for VT students through virtual/remote means (broadly interpreted). Proposals are now being accepted through March 31 at 11:59pm, with awards being announced by April 9, to fund projects that must be completed within FY21 (by June 30, 2021).

Learn more and apply [HERE].

3. You are invited: Synapse Seminar Series

Synapse is a student organization dedicated to serving the brain injury community at Virginia Tech and beyond. For Brain Injury Awareness Month in March, we put together a seminar series with speakers from UCLA to Harvard who will be sharing their research from stroke to traumatic brain injury, as well as career paths in medicine and research. They will be speaking every Friday of March. [See the attached flyer for more information on the speakers and seminar times.]

4. REU Site: Research Projects in Data-Enabled Industrial Mathematics

REU site “Research Projects in Data-Enabled Industrial Mathematics” at Embry-Riddle Aeronautical University (ERAU) 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.

The ultimate idea is to model the real-world industrial research experience, focusing on student growth and getting the students to interact with material at a level that goes beyond the regular classroom. The students will work collaboratively on problems provided directly by business, government, and industry.

Program dates: May 17, 2021 - July 16, 2021 (subject to small variation)
Due to COVID-19 restriction we are planning to run a virtual Research Experience for Undergraduate (REU) program this Summer.

Application deadline: **March 10, 2021**
Learn more and apply [HERE](#).

5. 2021-2022 Workforce Development Programs through the Hume Center for National Security and Technology

**CACI Workforce Development Program**

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**

The 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 information on the attached flyer. Learn more about the Hume Center for National Security and Technology at [https://www.hume.vt.edu/](https://www.hume.vt.edu/).

All applications must be submitted by the end of the day Wednesday, **March 31, 2021**.

To Apply: [Click Here](https://www.hume.vt.edu/)

Please direct any questions to Tiasha Khan, Program Manager, at [tiasha@vt.edu](mailto:tiasha@vt.edu) or 540-231-4312.

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**6. Call for Abstracts: Preservation Week 2021 Twitter Conference**

The Society of American Archivists Preservation Section is holding a [Twitter Conference](https://www.hume.vt.edu/) on April 28th as part of Preservation Week 2021. This free and inclusive conference will cover a range of preservation related topics for archivists and librarians (or any interested party!).

The portal for presentation submissions is available [here](https://www.hume.vt.edu/). The submission deadline is **April 9th**.

Papers are encouraged from all forms of practitioners with a project or research on the preservation of library and archival materials. In particular, we would like to encourage submissions from students and individuals of diverse backgrounds and organizations.

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**7. Call for Abstracts: International Mechanical Engineering Congress and Exposition**

The International Mechanical Engineering Congress and Exposition (IMECE) is ASME's largest research and development conference focused primarily on mechanical engineering, but encompasses perspectives from many engineering disciplines. IMECE is THE place for you to present your technical research and expertise, while also learning from and connecting with thousands of your peer researchers on a global level.

The Virtual IMECE Technical Conference will take place November 1-4, 2021 and will feature robust conversations on technical content with all participants. **Technical sessions are planned to consist of pre-recorded talks with live Q&A and discussion. Posters will allow for short introduction videos and Q&A.** Additionally, there will be a variety of special technical events including live panels, roundtables, and special talks.

At IMECE you’ll experience stimulating innovation from basic discovery to translational application of new approaches and foster collaborations that engage stakeholders and partners not only from academia, but also from national laboratories, industry and government funding bodies. No other conference will provide you with more broad, but salient perspectives and knowledge-sharing on technical advances within mechanical engineering, than IMECE.

Undergraduates are invited to submit their abstracts by **March 9**. Learn more and submit your abstract [HERE](https://www.hume.vt.edu/).
8. Call for Papers: Inaugural Issue of Cura Terra, Georgetown's Undergraduate Journal of the Environment

The environment is personal. Environmental studies does not exist only in a theoretical or academic space; it is intertwined into the lives of every person on this planet. At Cura Terra, the personal forms the beating heart of our work. We are an undergraduate journal founded on values of justice and equity, putting people at the center of the world’s most pressing environmental issues. Cura Terra is designed to be both interdisciplinary and intersectional, because we believe that there is no single perspective that can adequately capture the totality of any environmental issue. To this end, we strive to demystify academia and to be accessible to academics and students alike; our content balances rigorous academic research with insightful journalistic and creative content. Above all, Cura Terra exists to galvanize action. Through asking difficult questions of our readers, we balance the urgency of the present with hope for the future, underlining the vital role we each must play moving forward.

Submissions for our Blog and Inaugural Journal Issue are now open on a rolling basis. Cura Terra maintains both an active blog that is updated periodically and an academic journal which will be published once per semester in the Fall and Spring. The academic journal is more formal in nature, and consists of longer research-based papers that utilize scholarly sources. The blog is more informal in nature, and publishes brief articles about current events and issues. If you have any questions on whether your paper would be most suitable for the blog or the academic journal, please reach out to curaterra@georgetown.edu.

Cura Terra encourages students to submit articles, research papers, blogs, and essays related to the field of environmental studies. Students in any program of study should feel welcome to send us their work as long as it relates to environmental issues.

Learn more and submit your work HERE.

9. Call for Submissions: Converging Crises- Transgender Health, Rights and Activism in 2021

You are invited to register for and participate in the inaugural conference of the Transgender Professional Association for Transgender Health, the first international conference created by and for transgender healthcare professionals, taking place July 31- August 1, 2021.

This interdisciplinary conference is organized with the intention of creating opportunities for transgender and non-binary professionals engaged in transgender health, rights, and activism to share their research and work and to network with others. We invite submissions from anyone who identifies as transgender or non-binary, and warmly welcome an audience of all who wish to participate. Presenters and panelists who wish to remain anonymous are equally welcome.

We aim to make participation safe and comfortable for everyone, so please do specify any accommodations you may require, whether related to security, accessibility, or another area. While the main conference language is English, presentations in Spanish and French are welcome, and Spanish and
French interpretation will be available for the plenaries and, at a minimum, upon request for individual sessions.

We encourage posters, papers, panels, and artistic submissions from professionals, activists, students, artists, and any and all transgender and non-binary identified individuals engaged in transgender health, rights, and activism. While cisgender individuals are invited to attend the conference, we are not seeking submissions from this group at this time. Submissions will be accepted in English, Spanish, and French with a deadline of April 15, 2021. They will undergo anonymous peer-review, with decision emails sent out by June 1, 2021. Please submit your submissions via the online form.

More information about the conference and submission process available HERE.

10. 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: Minnesota Undergraduate Linguistics Symposium | Deadline March 17, 2021
- Call for Abstracts, Virtual American Association of Wind Engineering Workshop, Clemson University | Deadline March 19, 2021
- Call for Abstracts, Student Assembly, 2021 Annual Meeting, American Public Health Association | Deadline March 21, 2021
- Call for Papers, Dies Legibiles: An Undergraduate Journal of Medieval Studies | Deadline March 31, 2021
- Call for Abstracts, 2021 Virtual Meeting, American Neurological Assn | Deadline March 31, 2021 (offers student poster awards)
- Present your work, 2021 Dennis Dean Undergraduate Research and Creative Scholarship (Virtual) Conference at Virginia Tech | Deadline April 1, 2021
- Call for Abstracts, 2021 Joint Virtual Meeting, American Ornithological Society/Society of Canadian Ornithologists | Deadline April 15, 2021 (offers student presentation awards)
- Call for Papers: Young Scholars in Writing | Deadline April 16, 2021
- Call for Abstracts, The Wildlife Society’s 28TH Annual Conference | Deadline May 14, 2021
- Call for Papers, Journal of Feminist Scholarship | Deadline May 15, 2021
- Raymond J. Cunningham Prize, American Historical Assn (for best article published in a journal written by an undergraduate student) | Deadline May 15, 2021
11. 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.

Many of the programs listed are “REUs”. An REU is a Research Experience for Undergraduates, which is typically funded by the National Science Foundation and offered at a college or university, with research centered around a central theme or research area.

- Remote Summer REU at University of Pittsburg- Human Engineering Research Laboratories | Deadline March 12, 2021
- 2021 REU in Robotics, West Virginia University | Deadline March 12, 2021
- Summer Internship: Slavery, History, Memory, and Reconciliation Project; Jesuit Conference of Canada and the United States/Saint Louis University | Deadline March 14, 2021
- Summer undergraduate research opportunity in agricultural sustainability and community development at the University of Vermont | Deadline March 15, 2021
- REU in Next-Generation Plant Biology, UC Riverside | Deadline March 15, 2021
- Summer Internship: Slavery, History, Memory, and Reconciliation Project; Jesuit Conference of Canada and the United States/Saint Louis University | Deadline March 15, 2021
- NSF REU Site on Cognitive and High Frequency Long Range Communications at the University of Arizona | Deadline March 19, 2021
- Medical Student Research Program Internship, Van Andel Institute | Rolling reviews in March 2021
- Curatorial Assistant and Digitization Internship, Antique Boat Museum | Deadline April 16, 2021
- Museum Association of New York: Curatorial Assistant & Digitization Internship 2021 | Deadline April 16, 2021
- REU, Marine Biological Laboratory, University of Chicago | No application deadline listed.
- Biomedical Research Internships- catalog of 260 biomedical research internship opportunities offered nationwide, compiled by Fred Hutch | Various deadlines
- Undergraduate Summer Research Opportunities in the Arts and Humanities- sortable database | Various deadlines
- Pathways to Science Summer Research Programs | Various deadlines
- 2021 Summer Internships, Transportation Security Laboratory, US Dept of Homeland Security | No application deadline listed
List of more than 300 NSF REU sites across the country with links | Various deadlines

Have a great week! Be Committed. Be well.

Best,
Keri

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