Hi,

We hope you were able to unplug and recharge a bit on Friday during your first spring break day. There’s a lot happening in the world of undergraduate research, including info sessions, opportunities to publish and present your work and MANY opportunities for summer research, so check them out! Here’s what’s included in this week’s newsletter:

1. Students invited to the Research Integrity and Scholarly Excellence (RISE) Lecture Series
2. Information Session: Study Abroad for First Generation Students
3. Applications now being accepted for 28th Annual MAOP Summer Research Internship Program
4. Paid Online Summer Internship: Smithsonian American Women's History Initiative
5. Summer Internship - Slavery, History, Memory, and Reconciliation (Jesuits)
6. Purdue Summer Engineering Undergraduate Research Program
7. NSF REU Program at USC in International Relations and Data Science
8. REU Site: Sustainable Groundwater Resources
9. Remote Summer REU at University of Pittsburgh- Human Engineering Research Laboratories
10. 2021-22 MAOP Undergraduate Scholarship is now open
11. Kellogg Center Launches International Undergraduate Journal in Philosophy, Politics, and Economics
12. Undergraduate Research Journal - REACH
13. National Undergraduate Presentation and Paper Opportunities
14. National Undergraduate Internship and Research Opportunities

1. Students invited to the Research Integrity and Scholarly Excellence (RISE) Lecture Series

The undergraduate research community is invited to an upcoming webinar. On February 12th the Division of Scholarly Integrity and Research Compliance (SIRC) will host its inaugural speaker event to launch the Research Integrity and Scholarly Excellence (RISE) Lecture Series. Guest speaker Dr. Ming Jack Po will be discussing the impact of bias on machine learning. Dr. Po is product manager at Google working in healthcare and machine learning. At Google, he has led teams in health, research, cloud, and search. Prior to joining Google, Po spent a decade working in different senior operating and venture capital roles in areas related to medical devices, healthcare delivery, and global health.

The goal of the RISE Lecture Series is to foster ethical scholarship, explore a diversity of perspectives about the roles and responsibilities of scholars and researchers, and reflect on the ethical impact of our work in the modern world. We invite you to join this important conversation.

Details:
- **Title:** Machine Learning at Google - AI fairness and ethical quandaries
- **Date:** Friday February 12, 2021
- **Time:** noon to 1:00pm
- **Location:** Zoom
- **Description:** Event Page
- **Registration:** Registration Page
2. Information Session: Study Abroad for First Generation Students
The VT Global Education Office in partnership with the First-Generation Student Support Office hosts a virtual information session on Study Abroad for First Generation Students on Wednesday, **February 10** at 6pm. Please register in advance [HERE](#).

3. Applications now being accepted for 28th Annual MAOP Summer Research Internship Program

Virginia Tech’s Multicultural Academic Opportunities Program (MAOP) Summer Research Internship is seeking participants for its program, which will take place May 24-July 30. There are a variety of research areas provided in which undergraduates can participate. Interns will be compensated with a stipend of $3,000, GRE classes each week and professional development workshops.

The program is open not only to VT students, but ANY U.S. citizens and permanent residents who will continue their undergraduate studies in the fall of 2021. To learn more and access the application, go to [https://www.maop.vt.edu/Undergraduate_programs/summer_research.html](https://www.maop.vt.edu/Undergraduate_programs/summer_research.html)

Application deadline is Monday, **Feb. 22**.

4. Paid Online Summer Internship: Smithsonian American Women's History Initiative

Be a part of a transformational experience that goes beyond just another internship. Contribute to a national effort to share a diversity of women's voices from the past and present. Learn to use unique tools for civic engagement and representation in museum and other community spaces. Develop familiarity and experience with museum practice and American women's history.

**Who?** Undergraduate college students (rising sophomores, juniors, or seniors) and recent graduates from an undergraduate program (within 15 months of June 2021; those who graduated in Spring 2020 are eligible to apply) with a commitment to women's history

**What?** An eight-week virtual cohort internship experience, with a weekly $750 stipend

**Where?** Online with the Smithsonian Institution

**When?** June 14 – August 6, 2021

**Why?** Opportunity to explore various career paths, networks, leadership and mentorship experiences, and build practical professional skills

**Application Deadline:** The application will close at **11:59 p.m. Eastern Time on Monday, February 28, 2021.**

Learn more and apply [HERE](#).

5. Summer Internship - Slavery, History, Memory, and Reconciliation (Jesuits)
The Slavery, History, Memory, and Reconciliation Project (SHMR) is a joint initiative of the Jesuit Conference of Canada and the United States (JCCU) and Saint Louis University (SLU). SHMR is committed to a transformative process of truth-telling, reconciliation, and healing that, in conversation with the descendents of people held in bondage by the Jesuits, acknowledges historical harms, seeks to repair relationships, and works within our communities to address the legacies of slavery that persist in the form of racial inequities today. For more information about SHMR and its mission and goals, visit [http://shmr.jesuits.org/](http://shmr.jesuits.org/).

SHMR invites applications for the position of summer intern. Depending upon previous experience, skills, and interests, the intern will have the opportunity to contribute to SHMR in a variety of ways, including, but not limited to: historical research on the lived experiences of the enslaved people whom the Jesuits owned; genealogical research to identify descendents of people enslaved to the Jesuits; and social media communications. Candidates who have language skills in Latin, French, Spanish, German, and Dutch or Flemish may assist with translating foreign language documents.

This is an hourly paid, half-time position, with a possibility of working remote.

Program dates: May 24- August 13 (negotiable)
Application Deadline: [March 15](mailto:)
Learn more and apply [HERE](mailto:).

6. Purdue Summer Engineering Undergraduate Research Program

Engage in engineering research this summer as part of Purdue's SURF program! SURF matches undergraduates with a faculty member and graduate student mentor who introduce them to the research tools used on the cutting edges of science, engineering, and technology.

Each summer top students from around the country join Purdue students in conducting research and networking with other undergraduates on the Purdue campus. The SURF program is enriched by the participation of 20-30 visiting students each year. Students who have completed one academic semester at a U.S. institution by the time the program starts are encouraged to apply for the SURF program.

**NOTE:** We do not anticipate hosting external students on campus due to the COVID restrictions. External students will engage in remote research. All professional development programming aspects of SURF will be done remotely.

- Application Deadline: **February 15, 2021**
- Program Dates: May 24 – August 2, 2021
- SURF Symposium: July 29, 2021

Learn more and apply on the [program website](https://).

7. NSF REU Program at USC in International Relations and Data Science
The Security and Political Economy (SPEC) Lab at the University of Southern California is welcoming applications from current undergraduate students for an 8-week intensive research training program in summer 2021. The program includes training in research methods and work as a research assistant on faculty-led projects related to the political economy of security. The program is funded by the National Science Foundation and all participants will receive free housing on the USC campus, travel reimbursement, and a stipend. (An in-person program is dependent on local public health guidance. We will proceed remotely if participant safety remains a concern.) We particularly welcome applications from first-generation college students, minority students, and other students from under-represented groups.

An unprecedented level of economic interdependence complicates development of any U.S. strategy for competition with rivals like China or Russia. This heightened economic interdependence between allies and competitors alike both shapes the costs of military conflict and makes available new tools of economic statecraft and coercion. Equipping future scholars to both *understand* the economic dynamics that drive conflict and *propose solutions* is critical for pursuing US national interest in an era of economic interdependence. The SPEC Lab will provide ten undergraduates per year with an 8-week summer research experience (SRE), where they will engage in graduate-level research on the political economy of international security and attend weekly workshops in research design, data science, and professional development.

Each SRE participant will contribute to one of several interrelated research projects including: 1) the creation and analysis of disaggregated, network-based measures of economic interdependence and the identification of exploitable asymmetries in dependence; 2) analysis of states’ ability to employ military coercion for economic gain, especially by means short of outright conquest; 3) analysis linking the local effects of climate change and environmental degradation to societal conflict including protests, riots, and war; 4) data collection and analysis related to foreign aid and education provision in conflict-affected areas. For additional information on SPEC Lab faculty and research, see our website at uscspec.org.

The SPEC Lab SRE runs from June 7-August 6 2021. Students will be expected to work 30 hours per week in the lab, inclusive of hours spent in formal trainings.

*Qualifications and Application Procedures*
Prior research experience is not required for participation. However, we hope to prioritize participation by students who intend to pursue research careers in the social sciences. We expect that most participants will be rising juniors or rising seniors (we cannot accept applications from students who will have graduated before the program). We also particularly welcome applications from first-generation college students, minority students, and other students from under-represented groups. Due to constraints on NSF funding, participation is limited to US citizens and legal permanent residents.

Review of applications is rolling with a final due date of February 21, 2020. For questions, please contact us at uscspeclab@gmail.com.

Additional information and the application is available HERE.
8. REU Site: Sustainable Groundwater Resources
San Francisco State University (SFSU) and the California State University (CSU) system offers a 9-week REU across California. Students will collaborate with research mentors at host CSU campuses to develop projects that address groundwater and surface water sustainability. Highlights include integrated program of academic and professional development, weekly career development workshops, mentoring from faculty, graduate students and peers, competitive stipend, travel and housing support, and excursions and social programs highlighting attractions of the Bay Area.

Application deadline is March 1, 2021. Learn more and apply HERE.

The University of Pittsburgh’s Human Engineering Research Laboratories (HERL) (www.herl.pitt.edu) will offer our REU program remotely this year from May 17th – July 22nd. We presented the program remotely last summer and it received very positive reviews from participants. American Student Placements in Rehabilitation Engineering (ASPIRE) is a ten-week research program, sponsored by the National Science Foundation (NSF), that focuses on research in the rehabilitation engineering and assistive technology fields. In addition to full participation in an on-going research project, students write a project paper, develop a poster, and compete in an elevator pitch competition. The program concludes with Student Symposium where the winners of the best paper, poster, and elevator pitch are recognized.

The ASPIRE REU program aligns with HERL’s mission to continuously improve the mobility and function of people with disabilities through advance engineering in clinical research and medical rehabilitation. Students in all areas (especially all engineering programs, math, and computer science) are encouraged to apply. The application deadline is Friday, March 12, 2021.

Learn more and apply HERE.

10. 2021-22 MAOP Undergraduate Scholarship is now open
The Multicultural Academic Opportunities Program (MAOP), founded in 1993, is an academic success community founded upon the principles of self- efficacy, mentoring, and peer support. Central to the goal of MAOP is the promotion of diversification within the student body of Virginia Tech. Through partnerships with various academic colleges and departments at Virginia Tech, other colleges and universities, governmental entities, and various organizations, MAOP participants are supported with academic guidance, emotional and social support, and financial support.
The scholarship is for Virginia residents and it is based on merit and unmet financial need. The application for the 2021 - 2022 Multicultural Academic Opportunities Program (MAOP) Undergraduate Scholarship is now open through April 30, 2021.

The electronic application is available at www.maop.vt.edu.

Students can contact the MAOP Office with any questions maop@vt.edu or 540-231-5023.

11. Kellogg Center Launches International Undergraduate Journal in Philosophy, Politics, and Economics

The Kellogg Center for Philosophy, Politics, and Economics has launched an international undergraduate journal in PPE. The Philosophy, Politics, and Economics Review publishes original research in PPE and welcomes submissions from current or recent undergraduate students in PPE worldwide.

The journal accepts submissions on topics across the field of PPE, including the history of moral, political, and economic thought, the methodology of the social sciences, formal methods, well-being and welfare theory, political economy, distributive justice, public choice, social choice, democratic theory, institutional design, social and economic growth, justice, and foundational questions of public policy.

The journal offers a unique forum for a growing international undergraduate community in PPE and encourages submissions from a diverse group of authors, in particular from underrepresented groups. After articles are accepted, authors work with the reviewers of their articles to prepare their manuscripts for publication. The journal is student-led. Its editorial advisory board is composed of PPE Core Faculty, PPE Research Fellows, and Affiliated Faculty members.

For further information about the journal and submission guidelines, please visit the journal’s website. The submission deadline for the first issue is June 1, 2021.

12. Undergraduate Research Journal - REACH

The Office of Undergraduate and the Library at Cal Poly Pomona are proud to announce the 4th Annual Undergraduate Research Journal - REACH, an online compilation of undergraduate research at Cal Poly Pomona.

www.cpp.edu/our-cpp/documents/publications/...
This represents full-length research reports prepared by 44 students during the 2019-2020 academic year. All of the reports, among other student research artifacts, are also preserved in the Bronco Scholar Works electronic repository.

Previous issues of REACH can be found at: www.cpp.edu/our-cpp/news/reach/index.shtml

13. 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 Poster Abstracts**, Alzheimer’s Disease and Related Disorders Virtual Research Day, UW Madison | **Deadline February 10, 2021**
- **Call for Abstracts**, “Sustainable Production to Advance the Circular Economy,” ACS Green Chemistry Institute’s 25th Annual Green Chemistry & Engineering Conference | **Deadline February 15, 2021**
- **Call for abstracts**, 2021 Virtual Central California Research Symposium | **Deadline February 17, 2021**
- **Call for submissions**, 2021 Virtual Convention, Assn for Psychological Science | **Deadline March 1, 2021**
- **2021 RASC-AL Competition**, National Institute of Aerospace | **Deadline March 4, 2021**
- **Call for abstracts**, Virtual Diversifying Scholarship Research Conference, University of Virginia | **Deadline March 15, 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 Dennis Dean Undergraduate Research and Creative Scholarship (Virtual) Conference** at Virginia Tech | **Deadline April 1, 2021**
• **Raymond J. Cunningham Prize**, American Historical Assn (for best article published in a journal written by an undergraduate student) | **Deadline May 15, 2021**

• **Twenty-First Annual Steel Design Student Competition**, Association of Collegiate Schools of Architecture | **Deadline June 2, 2021**

14. **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.

• **REU in Nanotechnology**, UT Austin | **Deadline February 8, 2021**

• **Undergraduate Summer Research Internship**, Center for Precision Medicine, Wake Forest School of Medicine | **Deadline February 8, 2021**

• **2021 PARADIM Materials Discovery REU**, Cornell University | **Deadline February 10, 2021**

• **2021 Robots in the Real World REU, Oregon State University** | **Deadline February 10, 2021**

• **2021 REU in Mathematics**, CSU San Bernardino | **Deadline February 11, 2021**

• **Summer Research Internship** in Biomedical Sciences for Undergraduate Minority Students, Marshall University | **Deadline February 12, 2021**

• **2021 REU in New Generation Resilient Infrastructure**, Virginia Tech | **Deadline February 12, 2021**

• **2021 REU in Agronomy, Rainfed Agricultural Innovation Network, Kansas State University** | **Deadline February 12, 2021**

• **Native American Research Internship**, University of Utah (for third- and fourth-year Native American undergraduates in biomedicine or health sciences) | **Deadline February 12, 2021**

• **National Institute of Standards and Technology Summer Undergraduate Research Fellowship Program** | **Deadline February 14, 2021**

• **NSF BIT SURE REU**, North Carolina State University Biotechnology Program | **Deadline February 14, 2021**

• **2021 REU**, Shannon Point Marine Center, Western Washington University | **Deadline February 14, 2021**

• **REU**, Gulf of Maine Research Institute | **Deadline February 15, 2021**

• **Educational Data Mining REU** at George Mason University | **Deadline February 15, 2021**

• **2021 REU in Microbiology**, University of Iowa | **Deadline February 15, 2021**

• **2021 REU in Climate Change Science, UNC Asheville** | **Deadline February 15, 2021**
• **2021 REU in Astrophysics**, West Virginia University | **Deadline February 15, 2021**

• 2021 NSF-REU opportunity: **Interdisciplinary Research in Behavioral Sciences of Transportation Issues** at Old Dominion University | **Deadline February 15, 2021**

• **2021 Alcohol Research Training Summer School and Internship**, University of Missouri | **Deadline February 15, 2021**

• **2021 Biomedical Engineering & Informatics REU Summer Internship** at Wake Forest | **Deadline February 15**

• **2021 REU in Nuclear Physics**, Old Dominion University/Jefferson Laboratory | **Deadline February 19, 2021**

• **Summer 2021 Maryland Sea Grant Summer REU program** on Chesapeake Bay | **Deadline February 19, 2021**

• **2021 Summer Undergraduate Research Fellowship in Molecular Visualization**, Fralin Biomedical Research Institute, Virginia Tech | **Deadline February 21, 2021**

• **2021 Undergraduate Summer Research Internship, Multicultural Academic Opportunities Program**, Virginia Tech | **Deadline February 22, 2021**

• **REU** in Chemistry, Middle Tennessee State University | **Deadline February 23, 2021**

• **Wisconsin Sea Grant Summer Internship Program** | **Deadline February 25, 2021**

• **2021 Virtual Summer Internships, Poster House** | **Deadline February 26, 2021**

• **Summer 2021 National Security Undergraduate Intern**—Computing and Analytics, Pacific Northwest National Laboratory | **Deadline February 26, 2021**

• **Online Summer Internship**, Smithsonian American Women’s History Initiative | **Deadline February 28, 2021**

• **Securing Our Food**: A Summer Undergraduate Research Fellowship at Virginia Tech | **Deadline February 28, 2021**

• **REU in Sustainable Groundwater Resources**, San Francisco State University/California State University System | **Deadline March 1, 2021**

• **2021 Summer Internships**, Ohio Bird Sanctuary | **Deadline March 1, 2021**

• **2021 Summer Internships**, Transportation Security Laboratory, US Dept of Homeland Security | **Deadline March 1, 2021**

• **Mellon Scholars Program and Mellon Scholars Summer Workshop** (for advanced undergraduates), Program in African American History, The Library Company of Philadelphia | **Deadline March 1, 2021**

• **2021 NeuroSURF- Summer Undergraduate Research Fellowship in Translational Neurobiology**, Fralin Biomedical Research Institute, Virginia Tech | **Deadline March 1, 2021**

• **2021 REU in Statistical Modeling with Applications to Geoscience**, Florida Tech | **Deadline March 1, 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 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**

• **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**

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Have a great week! **Be Committed. Be well.**

Best,
Keri

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