

Undergraduate Research, Scholarship, and Creative Projects

Some Sources of Support at Bucknell University

Office of Undergraduate Fellowships and Research

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Summer and Year-round Opportunities

University-wide, All Disciplines and Interest Areas:

The Bucknell Program for Undergraduate Research

- A University-wide summer program providing financial support of up to \$4,000 and on-campus housing for students to conduct research or creative projects with faculty mentors over the summer. A faculty advisory committee representing review proposals and make the awards on a competitive basis. Funded students present their results at the Kalman Student research symposium on campus in the spring following the summer research. For more information, contact the Office of Undergraduate Fellowships and Research.
 - Apply early February through Office of Undergraduate Fellowships and Research
 - Details available at:
<https://www.bucknell.edu/academics/undergraduate-research-opportunities/program-undergraduate-research>

Emerging Scholars

- Allows undergraduates who have not yet had the opportunity to pursue independent research to explore their own research interests during the summer under the guidance of a faculty mentor. Open to all disciplines, but emphasizes projects in the social sciences and arts and humanities. Projects may seek to integrate disciplinary perspectives such as sociology and religion or environmental economics and environmental ethics. This program hopes to encourage those who might continue developing their research interests in the form of honors theses or similar endeavors. Provides a stipend of up to \$4,000 and on campus housing.
 - Apply late March through Office of Undergraduate Fellowships and Research
 - Details Available at
<https://www.bucknell.edu/academics/undergraduate-research-opportunities/emerging-scholars-summer-research-scholarship>

Brawley Fund

- Provides grants of up to \$2500 to support historically underrepresented students in the pursuit of a variety of enrichment activities including research, internships, workshops, tutorials,

summer study abroad, and other educational activities

<https://www.bucknell.edu/academics/undergraduate-research-opportunities/brawley-fund>

- Apply quarterly: Sept 15, Nov 15, Feb 15, Apr 15 through Multicultural Student Services

Departmental Support

- Students are encouraged to collaborate with the faculty member supervising their research to inquire whether the faculty member's department, or another related department, or any grants the faculty member has secured, might support their research. For example:
 - The Sociology & Anthropology Department offers the Tom Greaves Research and Curriculum Development Fund; and
 - The French and Francophone Studies Program offers the Leanne Freas Trout Fund for Research and Teaching in French and Francophone Studies which supports, among other things, research and travel for faculty-student collaborative work.
 - Biology, Chemistry, Physics, Psychology and the College of Engineering are among those with well-established research programs.
- Students might also inquire whether faculty members have grants that support student research.

Arts and Humanities Programs

Athens Archaeological Research Fellowship

- Provides \$3200 in support for one undergraduate Bucknell student to join, for eight weeks, an on-going excavation in Athens, Greece led by the Director of Excavations of the Athenian Agora, Dr. John Camp (Niarchos Professor, Randolph Macon College).
 - Applications due in later-January
 - Questions to kdaly@bucknell.edu

The China Institute Grants

- Provides grant of up to \$500 to cover reimbursable expenses directly related to the teaching and research of China and Chinese-related topics. Application available at: <https://goo.gl/mFRmdw> Also provides up to \$1,500 for faculty and \$750 for students to support travel to travel to China- or Chinese-related conferences, workshops, and symposiums either within or outside the United States. Travel application at: <https://goo.gl/cqBk4e>. For more information, contact: Song Chen (song.chen@bucknell.edu)
 - Applications on rolling basis

Humanities Center Mellon Student Research (MSR) Grants

- Offers grants of up to \$1500 per project to support students who endeavor to engage in non-credit bearing collaborative research projects in the humanities. Funds are available only for reimbursable project expenses, and may not be requested as a stipend. Examples of projects include: travel to an academic conference; organizing a film series; travel to an archive, library, or museum; hosting an ethnic food night; engaging in a service-learning activity; inviting a speaker to campus. This grant is not intended to fund projects for which academic credit will be

awarded. Each applicant must have a sponsoring faculty member whose primary field is in the humanities. Proposals accepted on a rolling basis between September and March.

Humanities Center Mellon Humanities Summer Teaching Lab Grants

- Supports a small group or “lab” of faculty and students for four to eight weeks over the summer who work collaboratively to research and design a new humanities seminar in the research area of the faculty leader(s). During the subsequent academic year, the students can then act as seminar “co-leaders” when the course is offered. Each student will be provided with up to \$3,000 in funding and on-campus housing for participating in the summer lab. Additional hourly funds are available for students serving as seminar “co-leaders” in the following academic year when the course is offered.
 - Applications due in late February

Confounding Problems in Arts and Humanities

Mellon Confounding Problems Student Undergraduate Research Assistant Positions

- This grant makes available funds for faculty in the humanities, arts, and humanistic social sciences to hire undergraduate research assistants during the academic year and/or the summer to work on confounding problems. Students will be paid at a rate of \$10/hour for up to 10 hours per week during the academic year, and at a rate of \$10/hour up to 37.5 hours per week for up to 8 weeks during the summer. The research may be at any stage of development, and may involve a variety of forms of dissemination.
 - Applications due in mid October

Mellon Confounding Problems Student Research Grants

- Offers up to \$2500 for students to travel with humanities and arts faculty to archives, museums, performance centers or field sites to conduct research in areas related to confounding problems. Funds may also be used for any materials necessary for work at these sites.
 - Applications accepted on a rolling basis

Mellon Confounding Problems Student Conference Travel Grants

- Offer up to \$2,000 for students to travel to present research on the theme of confounding problems at conferences, either jointly with professors or independently. Each applicant must have a sponsoring faculty member whose primary field is in the arts or humanities.
 - Applications accepted on a rolling basis beginning in late September

Creativity: Arts, Music, Theater and Dance

Arts and Creativity Grants

- Support for students of all majors for creative projects, serious arts and/or research, including travel. [Grants](#) up to \$2,500.
 - Rolling applications reviewed monthly

The Juliet Shield-Taylor Undergraduate Theatre Summer Research Grant

- Supports sophomore and junior theatre majors, as well as serious performance, dance or design students, in developing their artistry in the performing arts during the summer months. The grant supports tuition for performance and design/technical programs or for work within various internship and apprentice programs at established summer festivals and regional theatres. Contact the Theater and Dance Department for more information.
 - Applications in due early February

Balakian Summer Arts Experience Grant

- Supports students studying art and art history, music, and creative writing, in pursuing high-impact, structured, off-campus experiences in the arts, such as summer courses and workshops. The fund will support students' travel, work experiences, research, and participation in the experience. Contact the Art and Art History Department, the Music Department or Creative Writing Program.
 - Applications due in mid- to late-March

STEM Fields

Clare Boothe Luce Research Scholars Program

- Supports summer research conducted by women undergraduates majoring in the STEM disciplines in which women are underrepresented at Bucknell (mechanical engineering, computer engineering, electrical engineering, physics, computer science, environmental engineering, mathematics, chemical engineering, civil engineering, chemistry, or geology). Provides a \$5,000 stipend, on-campus housing, funding for research materials, supplies, and travel. Students must be sophomores or juniors at the time of application. Award recipients will work with a STEM faculty mentor and perform 10 weeks of research in the summer.
 - Applications due in late January

Ciffolillo Healthcare Technology Inventors Program (HTIP)

- Support opportunities for undergraduate students to work with faculty and external healthcare experts on healthcare technology development efforts during the summer or the academic year. In addition to funds for summer student wages (up to \$3500 in wages + 6.9% benefits) or academic year wages (up to \$2000 in wages + 0% benefits), \$500 of support would also be provided for project equipment/supplies/materials and/or student travel to present results.
 - Proposals due early February. Questions to dcavanag@bucknell.edu

Social Sciences and Public Policy

Bucknell Institute for Public Policy (BIPP) Research Fellowships

- Supports students conducting research in the social sciences with a faculty mentor. Offers financial assistance and on-campus housing during the summer. Faculty mentors facilitate a meaningful research experience for the students and assist the students' participation at the Susquehanna Valley Undergraduate Research Symposium.
 - Apply in early March

Center for Social Science Research (CSSR) Supplementary Research Grants

- Supports social science research components unlikely to be funded elsewhere and is intended as an additional or small funding source, for such work as interview transcription, survey research, translation services, field research transportation, pilot or exploratory research, or funding public dissemination of complete research. Maximum grant is \$1000. Intends to enhance ongoing work and/or be used in addition to other funding.
 - Apply late April

Digital Scholarship

Digital Scholarship Student Research Fellows

- Provides support to develop and execute an independent digital scholarship project. Librarians mentor fellows in a small cohort through the process of identifying a research question, understanding research methodologies, and discovering resources. Fellows create a dynamic digital resource rather than a static website. Fellows' projects will focus on topics of their own choosing. Fellows will receive a stipend of up to \$3200, plus on-campus housing for the 8-week fellowship.
 - Apply in mid- to late-February

L&IT Summer Research Grants

- Intended to advance digital scholarship initiatives that enhance or create new ways for faculty to engage in digital scholarship with students outside the classroom. Proposals should focus on a faculty member's professional research; student participants should engage in digital forms of analysis and/or publication that contribute to this larger research projects. Grants provide students with \$3,000 and summer housing.
 - Applications due late-February

Interdisciplinary Studies

Environmental Sustainability

McKenna Summer Environmental Internship Program

- Provides \$4,000 and on-campus housing over the summer for student participants to conduct environmental research, primarily but not exclusively, with a focus on West Branch of the Susquehanna River Bioregion. In the past, students from biology, geology, chemistry, economics, English, environmental studies and engineering have been funded.
 - Apply early February
 - Details at <https://www.bucknell.edu/academics/beyond-classroom/internship-opportunities/mckenna-summer-environmental-internship>

Bucknell Center for Sustainability & the Environment

- Provides student research opportunities, both in the summer and academic year, on environmental and sustainability issues throughout the Central Susquehanna Valley watershed and beyond through its three programs: Place Studies, Sustainable Technology, and Watershed Sciences and Engineering.
 - Applications are accepted on a rolling basis, with additional yearly deadlines for externally funded summer research positions
 - Details at <https://www.bucknell.edu/academics/beyond-classroom/academic-centers-institutes/bucknell-center-sustainability-environment>
 - Questions: Samantha Myers at smm071@bucknell.edu

Sustainable Susquehanna River Communities

- Supports students' local research centered on key United Nations Sustainable Development Goals, specifically: Life on land (15); Life below water (14); Sustainable cities and communities (11); Clean water and sanitation (6); Affordable and clean energy (7); Decent work and economic growth (8); and Climate action (13).
 - Applications due late January, rolling thereafter.
 - Details at <https://drive.google.com/file/d/1IXgSHLka1BR9QO3UI9-p8r50tyzMJBuB/>
 - Questions: Samantha Myers at smm071@bucknell.edu

Academic Year Only Opportunities

Dalal Creativity and Innovation Grant

- To promote creativity at Bucknell through faculty and student collaboration on innovative projects across the curriculum provides up to \$3,000 for student support during the academic year plus an additional \$3000 for research expenses.
 - Apply in late September through CAS Dean's Office

Humanities Center Mellon Academic Year Research Fellowship for Student-Faculty Collaboration

- To enable faculty-student research teams of 2-5 participants in at least two disciplines to conduct collaborative interdisciplinary research in the humanities during the regular academic year provides each student researcher with a \$2,500 fellowship for at least 20 weeks of work during the academic year and each faculty member with \$2,000 in research funds.
 - Proposals due in late September

L&IT Micro Grants

- Provide seed money or bridge funding to encourage ongoing work on digital scholarship projects during the academic year. Proposals should focus on a faculty member's professional research; student participants should engage in digital forms of analysis and/or publication that contribute to this larger research project. Funds pay faculty-identified student research assistants at a competitive hourly wage of \$8.25/hour. A faculty member may apply for funding for one or more students to work on a research project. Awards typically do not exceed \$800.
<http://dps.bucknell.edu/micro-grants/>
 - Applications accepted on a rolling basis

Humanities Fellows

- Provides \$5,000 per year for the junior and senior years for active and enthusiastic intellectual engagement, and positive leadership within the classroom and the Bucknell Humanities Center and produce a work of independent research in the Humanities (e.g., an honors thesis, a research paper related to a faculty-guided independent study, a collaborative research project, etc.), and organize at least one Humanities event during the academic year. Recipients must major in a subject in the humanities and maintain a GPA of at least 3.5.
 - Apply through the Humanities Center in March

Additional Relevant Opportunities

Applied Research Opportunities, include:

- [Grand Challenge Scholars](#) (tackle one of 14 of the world's most challenging problems)
- Institute for Leadership, Sustainability and Technology (summer)
- [Student Managed Investment Fund](#) (students manage \$2m of Bucknell's endowment)
- [Project for Peace, \\$10K grant](#) (applications due to International Students Office at the end of January)

Community Based Research could be supported by, among others:

- Program for Undergraduate Research, and a variety of the programs above
- [Bucknell Public Interest Internship Program](#) through the Career Development Center (competitive grant providing summer stipends to those interning at non-profits)
 - Contact: mshull@bucknell.edu
- [Work Study placements](#) throughout the year with community organizations through the Civic Engagement Center

Conference Travel Support

- [Provost's Conference Travel Grants](#)
 - Students who are presenting their scholarship at a regional or national conference can apply for a travel grant of up to \$300 from University funding. Rolling applications
- **Dean of Students' Opportunity Fund**
 - Students are eligible for a one-time \$200 stipend during their undergraduate years to allow those who may not otherwise be able to afford it to take advantage of opportunities to participate in academic and co-curricular experiences such as attending conferences. Contact Jennifer Albright in Dean of Students' Office.
- **Brawley Fund** (above)
- **Arts and Creativity Grants** (see above)
- **Humanities Center** (above)
- **Arts and Humanities** (above)
- **China Institute** (above)
- **Departmental and Dean's Support**

Off-Campus Research Opportunities include:

- **Geisinger Summer Undergraduate Research Program (SURP)**
<https://www.geisinger.edu/research/careers/summer-research-internships>
- **Research Experience for Undergraduates (through the National Science Foundation)**
<https://www.nsf.gov/crssprgm/reu/>
- **Computational Physics Student Summer Workshop**
<https://www.lanl.gov/org/padwp/adx/computational-physics/summer-workshop/index.php>
- **NIST (National Institute of Science and Technology)**
<https://www.nist.gov/surf>
- **NASA (National Aeronautics and Space Administration)**
<https://intern.nasa.gov/>
- **DoE (Department of Energy)**
<https://science.energy.gov/wdts/suli/>
- **AFRL (Air Force Research Lab)**
<http://afrlscholars.usra.edu/>
- **National Institute of Health Summer Internship Program in Biomedical Research (SIP)**
<https://www.training.nih.gov/programs/sip>
- **AGMEN Scholars (with National Institute of Health's Intramural Research Program)**
<https://www.training.nih.gov/amgenscholars>
- **Other Off-campus research experiences**
Reach out to faculty at other universities to see if they would like you to work with them. Many Bucknellians have secured research opportunities this way. If they don't have funding to support you, apply to the Bucknell Public Interest Program for support.