



**Sustainability Challenge Grant
Request for Proposals
Fiscal Year 2022**

Issue Date: April 19, 2021

**PROPOSALS DUE:
May 28, 2021 11:59 p.m.**

Direct questions and proposal submissions to:
Shane Tedder at shane.tedder@uky.edu

For additional information and required templates, visit:
www.uky.edu/sustainability/sustainability-challenge-grants

I. General Information

The Sustainability Challenge Grant (SCG) program is requesting research, scholarship, and creative proposals for the 2021-2022 funding cycle. The Sustainability Challenge Grant Program was developed as a collaborative effort of the President's Sustainability Advisory Committee, The Tracy Farmer Institute for Sustainability and the Environment, and the Office of Sustainability. Funding for the program is provided by the Executive Vice President for Finance and Administration, the Vice President for Research, the Office of the Provost, and the Student Sustainability Council.

Sustainability, in this context, implies that the activities of the University of Kentucky are ecologically sound, socially just, and economically viable, and that they will continue to be so for future generations. A sustainability focus encourages the integration of these principles in curricula, research, and outreach. This principled approach to operational practices and intellectual pursuits prepares students and empowers the campus community to support sustainable development in the Commonwealth and beyond.

The following information and instructions apply to the application process for the Sustainability Challenge Grant program. The project period for this call is from July 1, 2021 through June 30, 2022.

Proposal submissions are due May 28, 2021 at 11:59 p.m. Submissions and questions should be submitted by email to shane.tedder@uky.edu.

II. Program Objectives and Priorities

The Sustainability Challenge Grant (SCG) program, now in its seventh year, is designed to engage multidisciplinary teams from the University community to foster scholarly, creative, and research projects that promote sustainability, advance field(s) of study, while simultaneously advancing economic vitality, ecological integrity and social equity. This year we encourage proposals that address intersections with the challenges that have emerged during the pandemic and/or issues related to the diversity, equity, and inclusion efforts of the University (<https://www.uky.edu/president/diversity-equity-and-inclusion>). Proposals should support the objectives above and specifically address one or more of the categories below.

1. Operations: Using the principles of sustainability to improve material, physical, or infrastructural elements at the University of Kentucky.
2. Engagement: Fostering a campus and broader community culture of sustainability.
3. Research: Scholarship and creative endeavors relating to sustainability challenges of the Commonwealth and beyond.
4. Academics: Improving the university's capacity for integrating sustainability with the educational experiences of our students in both curricular and co-curricular activities.

III. Eligibility

All members of the University community are encouraged to develop project ideas. Project teams must be led by a faculty or staff member whose home unit/department agrees to manage the dispersal of funds. University cost centers will be provided to funded projects. Student involvement is strongly encouraged. Teams must include representatives from at least two distinct organizational units. Proposals not meeting the specifications of this RFP will not be considered for funding and will be returned without review.

IV. Funding

All awards are subject to the availability of funds, quality of the proposals submitted, and other applicable considerations. For 2021, a total of \$200,000 is expected with a maximum award of \$50,000 per project. In previous years, the SCG program has awarded 6-8 projects.

V. Scoring Criteria

Proposals must comply with the proposal submission instructions and be written using the templates provided at the end of this document. A team of technical reviewers will use a rubric to score proposals based on the list below.

Proposals should:

1. Define and address a sustainability-related challenge within the local community – either UK campus or linked to the broader community. Projects that engage challenges presented or exacerbated by the pandemic and/or those that align the efforts with the University’s Diversity, Equity, and Inclusion efforts are encouraged.
2. Concisely explain how the proposed effort will address the challenge and promote sustainability by simultaneously advancing economic vitality, ecological integrity and social equity. Specific connections to the UK Sustainability Strategic Plan and/or the United Nation’s Global Sustainable Development Goals should be included.
 - a. UK Sustainability Strategic Plan www.uky.edu/sustainability/sustainability-strategic-plan
 - b. United Nations Global Sustainable Development Goals www.undp.org/content/undp/en/home/sustainable-development-goals.html
3. Clearly define the approach and methodology
4. Explain how the project will promote student engagement, education, and training
5. Define the goals and objectives that will be completed in one year
6. Include a timeline with project milestones and measurable outcomes – specific, measurable deliverables should be outlined where possible

7. Demonstrate engagement with, and where necessary approval from, campus and/or community stakeholders (e.g., neighborhoods, alumni, area businesses or nonprofits) that are critical to the implementation of the project
8. Describe if/how the project integrates the campus as a living laboratory
9. Include a communication plan that generates public engagement and shares information related to the project with the public. Priority will be given to proposals that have the potential to publicly disseminate, publish, and/or share information in a significant way.
10. Provide a reasonable and adequate budget for the work proposed

VI. Review Process

Proposals which meet the requirements of this RFP will be evaluated by a technical committee composed of faculty, staff, and other experts with experience in the specific project areas. Results from the technical committee reviews will be submitted to an Executive Review Committee that will further evaluate proposals based on campus priorities, available funding, and balance of subject matter. The Executive Review Committee will then select a portfolio of projects for funding. If selected for funding, applicants may be required to address reviewer comments and/or provide additional project information. Awards will be publicly announced by June 30, 2021 with funds available July 1, 2021.

VII. Proposal and Project Timelines

Proposals must be submitted by **May 28, 2021 at 11:59 PM**. The table below details the anticipated timeline for proposal review, selection process, and project implementation.

Date	Milestone
April 19, 2021	RFP is Released
May 28, 2021	Proposal Submissions Due
June 2, 2021 - June 23, 2021	Technical Review of Proposals
June 23, 2021 - June 25, 2021	Final Review and Selection
June 30, 2021	Public Announcement of Awards
July 1, 2021	Funds Available
October 15, 2022	1st Quarterly Report Due Date
January 15, 2022	2nd Quarterly Report / Mid-Project Report Due Date
April 15, 2022	3rd Quarterly Report Due Date
June 30, 2022	Expected Project End Date (12 months from Project Start Date)
August 29, 2022	Final Report Due Date (60 days after Project End Date)

VIII. Proposal Instructions

Each proposal shall consist of the four sections listed below. Individual templates for each section are included at the end of this document (for reference only) and available for download here: www.uky.edu/sustainability/sustainability-challenge-grants

1. Project Proposal
2. Budget Breakdown
3. Budget Justification
4. Letters of Support¹

For final submission, the four sections must be combined as a single PDF document. Include a title page for the proposal and a cover page for each section. Proposals shall be submitted with this naming format: ProjectTitle.SC2021.pdf. Proposals must be submitted by email to shane.tedder@uky.edu.

¹One of the letters of support must be from the department head/dean/or business officer of one of the project leads confirming willingness to support the project if funded.

PROJECT PROPOSAL TEMPLATE

This section shall not exceed ten (10) single-spaced pages (12-point type, 1-inch margins). Delete all instructional text before submission.

Title:

Principal investigator(s) and Team Members: Provide name, title, department, and email address for each team member. Identify team lead(s)/principal investigator(s) and list first.

Category: Indicate the major category (ies) that your project will address: (1) Operations, (2) Engagement, (3) Academics, and/or (4) Research.

Type of Submission: Indicate whether the project is a:

- New Project
- Continuation - The proposal is linked to a project previously funded by a Sustainability Challenge Grant. Summarize previous outcomes and describe the key differences between the previous work and the work proposed here.
- Resubmission - The proposal is a resubmission/adaptation of a proposal previously submitted, but not funded. Discuss how the resubmission addresses the feedback provided in the previous funding cycle.

Project Summary: Clearly define your project, its relevance to sustainability, methods to be employed, groups involved, and measurable outcomes.

Relevance: Describe how your project aligns with and supports one or more of the strategic initiatives linked from *Section V, Item 2* of application instructions.

Goals and Outcomes: Clearly define the goals and objectives that will be completed within the one-year duration of the project. Include a timeline with project milestones and specific measurable outcomes.

Approach and Methodology: Describe the processes, procedures, tools, frameworks, etc. that will be used to address the sustainability challenge.

Statement of results or benefits: It is expected that an award will result in quantifiable or tangible research, scholarship, or projects/works. Describe in detail intended results and impacts that the scholarship, project, or work will have on advancing economic vitality, ecological integrity, and social equity.

Stakeholders: List the stakeholders that are critical to the success of the project and describe how each will be involved. Stakeholder support letters are encouraged and should be included in the final section of your submission.

Communication Plan: Provide a detailed description of how your team will generate public engagement throughout the project and communicate your results.

Student Engagement and Training Potential: Provide the number of post-doctoral fellows, graduate students, and undergraduate students, including degree level, who are expected to be involved with the project. If the information is available, include each student's name, major, and expected graduation date, and indicate if the project will be used to inform a master's thesis or doctoral dissertation.

Funding: Address the following: (a) Is your project team willing to accept partial funding for your project? Doing so will require submitting a revised scope and budget; (b) Is your project leveraging additional resources? If so, describe; (c) Is this project intended to provide preliminary results or experience for a future competitive proposal external to the Sustainability Challenge Grant program? If so, provide the name of the funding agency, name of the program, and intended year of application submission.

BUDGET BREAKDOWN TEMPLATE

Project Title:	
Principle Investigators:	
Cost Category	
1. Salaries and Wages	
a. Principal Investigator(s)	
b. Graduate Student(s)	
c. Undergraduate Student(s)	
d. Other Personnel	
Total Salaries and Wages	\$ -
2. Fringe Benefits	
a. Principal Investigator(s)	
b. Graduate Student(s)	
c. Undergraduate Student(s)	
d. Other Personnel	
Total Fringe Benefits	\$ -
3. Non-Personnel Costs	
a. Supplies	
b. Equipment	
c. Services or Consultants	
d. Travel	
e. Other direct costs	
Total Non-Personnel Cost	\$ -
Total Direct Costs	\$ -

BUDGET JUSTIFICATION TEMPLATE

General Instructions: The budget narrative should provide detail corresponding to the dollar values provided in Attachment B. Delete all instructional text below after completion. If a section is not utilized, enter "N/A" under that heading.

1. Salaries and Wages

Provide personnel, title/position, estimated hours and the rate of compensation proposed for each individual. For salaried personnel, provide percentage of time and annual salary; for hourly personnel, provide estimated hours and hourly rate. Other forms of compensation paid as or in lieu of wages to students performing necessary work are allowable provided that the other payments are reasonable compensation for the work performed and are conditioned explicitly upon the performance of necessary work. Note that health insurance, if provided, is to be included under fringe benefits.

2. Fringe Benefits

Provide the overall fringe benefit rate (% of salary) applicable to each category of employee proposed in the project. If applicable, include prorated health and life insurance.

3. Non-Personnel Costs

- **Supplies**

List all supplies to be purchased to conduct and disseminate the research. This may include computer software, lab glassware, fuel for research vehicles, computer expendables, reagents, chemical supplies, and supplies for poster sessions, etc. Be as explicit as possible (e.g. unit costs, number of units, total cost for each item).

- **Equipment**

Provide a detailed description of any equipment purchased and why it is required for this research/project. Provide documentation of agreement regarding which unit will retain the equipment at the conclusion of the project.

- **Services or Consultants**

Identify the specific tasks for which these services, consultants, or subcontracts would be used. Provide a detailed breakdown of the services or consultants to include personnel, time, salary, supplies, travel, etc.

- **Travel**
Provide purpose and estimated costs for all travel. Include all applicable travel details including location, number of personnel, number of days, per diem rate, lodging rate, mileage and mileage rate, airfare, etc.
- **Other Direct Costs**
Itemize costs not included elsewhere, including publication costs. Costs for services and consultants should be included and justified under “Services or Consultants” (see above). Provide a breakdown for costs listed under this category.