



GREEN INITIATIVES FUNDING PROPOSAL



Applications will be considered and reviewed throughout the semester. Applications submitted later in the semester may be approved but funding may not be available until the following semester.

Title of proposal:

Amount requested:

Author(s) of proposal: *(Please include college status (year in school) for each author.)*

Campus address & phone of primary contact:

Purpose, Timetable, and Accountability

1. What's the overall idea? Identify the purpose of your proposal. Provide a detailed description of its activities and specific objectives.

2. What other offices may possibly be impacted by your proposal? Some proposals have an impact on the work or planning of other divisions of the university. Here is a short list of areas to consider, depending on the nature of the project:

- | | |
|--|-------------------|
| Facilities or Grounds | Residence Life |
| Computing Services or Instructional Technology | Curriculum |
| Environmental Programs | Campus Activities |
| Environmental Health and Safety | Athletics |
| Dining Services | Admissions |
| Service-Learning | Orientation |
| | Other: |

If your proposal affects another division of the university and you have made contact with someone, please list the individual who you spoke with about the project and the date this conversation took place:

Name:

Date:



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3. How will your project be managed and completed? Please include a detailed timetable for the project's duration and lines of accountability to show who will be responsible for seeing the project through to completion. *IMPORTANT NOTE: If you are a student, you must list a faculty/staff member who has agreed to serve as an advisor to your project.*

Proposed Timeline for Project:

- January 2010 - acquire energy consumption data for past 5 years for Conklin
- February 2010 - meet with facilities to discuss project and capabilities of the office
- February 2010 - contact contractors if facilities is unavailable or cannot do
- March 2010 - purchase materials for the project
- March 2010 (Spring Break) - installation of timer occurs
- March 2010 - train Conklin staff on how to activate/deactivate timer
- April 2010 - project starts
- April 2010 - May 2011 - record data for project
- May 2011 - determine the amount of money saved during this year period of time
- May 2011 - install timers in other buildings across campus

4. What's the "green" idea? For your proposal to be funded it must be truly green; meaning it must have a positive environmental or energy savings impact on the university. Please describe why you think your proposal is a green initiative and how it helps to further the university's sustainability efforts. For more information about what has been happening at BGSU please go here: <http://www.bgsu.edu/departments/envh/greencampus.htm>

This is a Green project because every weekend in buildings all over campus lights are left on which not only wastes electricity but also costs the university money. By implementing this idea we will be taking one small step in reducing BGSU's energy usage and it doesn't negatively effect anyone. It is a relatively simple project that, if eventually expanded beyond one building, could have a substantial impact in reducing the university's carbon footprint.



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Budget and Funding Information

5. How much will it cost? Please provide a detailed budget for your project with an explanation next to each budget item on exactly how the funds will be spent. If necessary, provide the budget in a separate attachment.

Budget.

Proposed Budget:

Labor: \$30/Hr (1/2 Hr to install 1 Switch) \$30*50 Hrs= \$1,500
 Total time for all switches = 50 hrs

Materials: \$50/ Light switch *(100 switches) = \$5,000

Misc:(touch up paint, and finishing materials) \$500

6. Can anyone else help pay for it? Are there any other funding sources potentially available or that you have actually attained? If so, please provide details.

I spoke with Carl Cogar from the Facilities & Grounds Office regarding possible funding to help with this project since it could possibly be considered as an energy efficient upgrade to Conklin Hall. He stated that he has money allocated in the budget for each building on campus and that while the sum of money may not be a lot due to budget cutbacks, that perhaps because of the possible savings to electric bills he could find some matching funds for the project. I also looked at some government energy grant websites but had a little trouble maneuvering through them. Perhaps this is something the committee could me with in implementing this project.

7. How can we keep the project going? If the project is meant to be ongoing, describe your plans for funding it beyond the first year.

The timers will require occasional maintenance and upkeep, but we could also continue to keep installing more and more of them on campus every year, particularly in buildings that are locked at night. The more of these timers, the better because they will save electricity which in turns saves the university and the students money. I think we could allocate a specific amount of money every year for upkeep of this equipment and for the purchase and installation of more on a yearly basis, depending on the results of the initial project in Conklin. Payment for this could come from energy savings dollars, if appropriate, thus eliminating the need for taking money from the Green Fund again.



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Project Outcomes and Measuring Success

8. Who will benefit from your proposal? Identify the expected outcomes of your project and their importance to individuals, groups, and/or the university at large.

This project would save a great deal of money for the university. Conserving energy is becoming increasingly popular, so installing these timers is another way to show others that BGSU is concerned about the environment. Overall, saving energy benefits society and the world, and it is essential to maintain solution-based practices. The project would also save time for maintenance workers and students involved in volunteer projects currently taking place which are attempting to reach the same results, as there would be less of a need to replace bulbs and manually turn off switches. Ultimately, installing timers in one building could easily perpetuate installations in every building. This would be an advantageous move that includes both an economic benefit as well as the creation of a "greener" overall image for the university.

9. How will you measure the project's success? Please be specific.

Energy consumption from April 2010 - May 2011 will be compared to historical data from Conklin (which is available from the Facilities area). The amount of energy saved will be converted into dollars to represent the amount of money saved from having the timer in the building. It is fairly simple to calculate the amount of energy used by any particular building on campus because those buildings are separately metered for electricity, and it is possible to obtain the total amount of Kilowatts used and thus the charge for electricity for any block of time for any particular building. The results from this will hopefully be used to justify the installation of timers in other buildings across campus.

Please submit this electronically to environ@bgsu.edu or provide a hardcopy to Dr. Nick Hennessy, Sustainability Coordinator, at 348 Shatzel Hall.

This document was adapted from Goucher College's
Innovation Grant Proposal for Fall 2009.