

Living Green: Education Series for Supporting a Sustainable Lifestyle

Green Action Fund Proposal
Kansas State University
January 26th, 2017

Student Project Leaders:

Melina Cope
Makenzie Hutley

Department:

Department of Apparel, Textiles, and Interior Design

Project Advisor:

Dr. Julia Day, *Assistant Professor* in Apparel, Textiles, and Interior Design

Project Description

The United States Green Building Council (USGBC) works to promote sustainable building and living. The local student chapter continues that work by teaching architecture, design, and engineering students about green building methods and techniques, including ways to reduce energy use, water consumption, and waste. While these students focus on sustainability within their majors, other students or the general public may not be as educated on this topic. The USGBC KSU Student chapter, along with student workers from the Energy, Behavior and Built Environment Laboratory (EBBEL), would like to host a campus-wide event on how to live in a “green” way, besides the typical things such as recycling plastic, turning off lights when not in the room, or keeping the faucet off while brushing teeth or washing dishes. The focus of the event is to teach others about “non-traditional” ways of sustainable living. Educating the public about ways they can conserve energy, water, and resources can lead to increased use of on-campus recycling facilities, reduce strain on the city power grid, and reduce the use of potable water.

Student Involvement

This event will be solely led by students, and supervised by Dr. Julia Day. The advisors to USGBC KSU Student chapter will be consulted for advice and scheduling details, but the main event will be planned and run by the members of USGBC. The duties of the event such as marketing, scheduling, presentation, and finding the information will be divided among members.

Environmental Benefits to the University

One of the environmental benefits to the university from this event is giving students and the public a greater sense of what sustainability is and how to implement it in their daily lives. Increased knowledge and awareness of the impact our choices have on the planet leads to informed decisions on what we throw away vs. recycle, what temperature we keep our homes at, or how often we drive personal cars vs. ride bikes/walk. Ideally, these choices by residents of Manhattan and students of the university will increase the use of campus recycling facilities, lower electricity and water usage in resident halls and on-campus apartments, decrease the reliance on vehicles to get to and from campus and increase bicycle usage.

To measure these benefits, we plan to collect “green” metrics and participant perceptions through a survey, which will be taken before the event begins. This survey will ask questions about daily lifestyles and transportation methods, what/if they recycle, monthly utility bill costs, preferred temperature set points in their homes at different times of the year, and how they get to campus or work each day. A take-home informational packet will be provided to all attendees, encouraging the adoption of the strategies discussed at home. One month later, we would distribute a post-test survey to the attendees (this time in an electronic form) to discover what tactics they have tried and adopted. These data will be collected to better understand if the educational efforts have been effective, and if not, how future efforts can be strengthened to promote sustainable behaviors.

Benefits to K-State Student Body

The benefits of this event to the K-State student body is an increased awareness and knowledge of the effects our actions have on the earth and how we can attempt to counteract those actions by adopting the strategies discussed at the event. Attendees will be able to use the sustainable living methods throughout their lifetime, not just while students. The green behaviors learned through the event may also translate to behaviors at school and the workplace, possibly saving KSU money on things like utilities.

Statement of Support

See attached letter on last page of this proposal.

Budget

Total Requested: \$5000

- Funds breakdown
 - **\$300 for marketing**
 - Printing costs, poster and flier design
 - Advertising in Collegian and Manhattan Mercury
 - Sunday advertisements, Man. Mercury, V size (1 Column x 3.5”) = \$40.87 (\$40.87 x 2 = \$81.74)
 - Collegian weekly advertisements, Student rate \$7.05 per column inch
 - ~\$100 for advertising for one week
 - **\$350 for event costs**
 - Take-home packet print outs
 - Room rental fee (if applicable)
 - Coffee, water, and supplies
 - **\$4350 for compensation for student workers & student project leaders (10 hrs/week)**
 - pay will be distributed among (4) student workers at the pay rate of the allowed \$7.25/hr for 15 weeks (Feb – May 30)

Timeline of Activities

Please see the timeline below for proposed activities. All funds received will be spent by 6/1/17.

- January 2017: Schedule event date, time, and location. Delegate jobs to USGBC members.
- February 2017: Plan presentation and information. Create event presentation and take-home packet. Create survey for attendees. Design and submit advertising and marketing methods to newspapers. Utilize social media as an advertising tool.
- March 2017: Finalize event presentation and conduct event in the end of March.
- April 2017: Send follow-up survey to attendees at the one-month mark from event.
- May 2017: Analyze data collected from surveys. *All funds will be expended by June 1.*

K-State Green Action Fund Proposal
Green Action Fund Committee
sustainability@ksu.edu

Re: Statement of support from K-State Department/unit that will administer the funds letter

January 22, 2017

Dear Green Action Fund Committee

Thank you for your effort in reviewing the Green Action Fund proposals for Kansas State University. The enclosed proposal, by two of our Interior Design students, has the potential to support sustainability and foster academic excellence in addressing sustainability here at Kansas State University. The proposed sustainability education program will be led by students in the College of Human Ecology, under the direct guidance of Dr. Julia Day. We will work with the students to ensure the success of the project goals, timeline, and budget.

This letter serves as the supporting statement from the department head that the applicants for this proposal are full-time K-State faculty members and full-time K-State students. In addition, if the funds are received, our department, Apparel, Textiles, and Interior Design (ATID) will be administering the funds through our accounting/budgeting office.

I have supreme confidence in their ability to successfully complete the project.

If you have questions, please contact me at 785-532-1318.

Thank you,



Barbara G. Anderson,
Head, Department of Apparel, Textiles, and Interior Design