

SUSTAINABILITY INITIATIVES BY STUDENT ORGANIZATIONS FUNDING PROPOSAL

Part I - General Information

Name of Student Organization	Biomedical Engineering Society Student Chapter
Contact/Responsible Person	Sabah Rezvani
Contact Office Held/Title	President
Contact Email Address	sabahrez@vt.edu
Contact Telephone Number	(650) 455-8318

Part II - Project Cost Information

Estimate Cost of this Proposal	\$5,000	See Part III.C
Estimated Savings –	\$0.00	See Part III.D
Net Cost of this Proposal	\$5,000	

Part III - Supporting Information

A. Please describe your sustainability initiative and attach supporting documentation.

The Biomedical Engineering Society Student Chapter (BMES) is a graduate student organization that aims to help bridge the gap and foster communication and collaboration between our two universities (Virginia Tech and Wake Forest) that the graduate program of Biomedical Engineering encompasses. Our mission is to encourage the development, dissemination, integration, and utilization of knowledge in biomedical engineering. The majority of the lab spaces, student and faculty offices, and relevant facilities of the Biomedical Engineering department are housed in Kelly Hall (ICTAS I). We are requesting the installation of two separation water bottle filling stations on the third and fourth floors of Kelly Hall. These two floors are the most heavily populated in the building, as the first two floors contain larger lab spaces and core facilities. The water filling stations would be installed at the current water fountain locations located directly to the left of the central staircases once reaching each floor (Fig. 1 and 2 denote locations below). The installation of these water bottle filling stations would be a huge convenience for the residents of Kelly Hall.

B. How does this initiative help to achieve the goals of the Virginia Tech Climate Action Committee Resolution and Sustainability Plan?

Installation of water bottle filling stations in Kelly Hall would run perfectly in line with the goals of the Virginia Tech Climate Action Committee Resolution and Sustainability Plan. These stations would allow for Virginia Tech to be a leader in Campus Sustainability (Goal 1), minimize waste and encourage recycling (Goal 8), engage students and faculty to reduce waste (Goal 10), and provide funding to support sustainability programs (Goal 14).

C. What is the cost of your proposal? Please describe in adequate detail the basis for your cost estimate.

The cost of this proposal is \$5,000. This proposal requests the installation of two water bottle filling stations in Kelly Hall. Following consultation with Ross Verbrugge (Director of Facilities, Institute for Critical Technically and Applied Science, rossv@vt.edu) and the rest of the facilities department, it was determined that the total cost to install these fixtures would be \$5000.

D. Will your proposal produce cost savings for the University? If so, how much? Please describe in adequate detail the basis for your savings estimate.

There will not be a direct cost savings for the University following the implementation of the two water bottle refilling stations. However, with the ease of access to these water bottle filling stations in a location where our students, staff, and faculty spend a majority of their time, the use of reusable and sustainable water bottles will likely increase. This will lead directly to a sharp decline in the number of disposable and plastic water bottles that will be used.

E. Is this funding request an Ongoing or One-Time change (please check one)?

One-time

Ongoing

F. Is funding available for this request from another source? If yes, describe the funding (source, amount, etc.)

No

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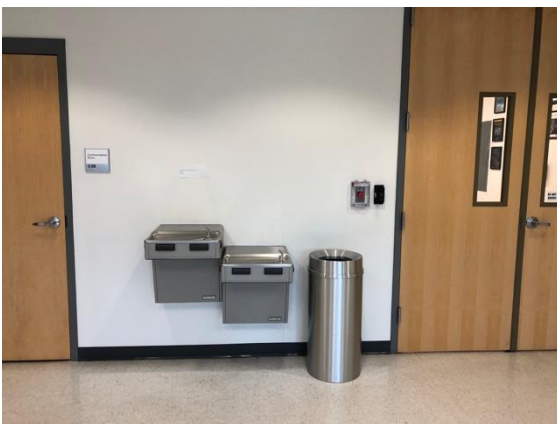


Figure 1: Location of water bottle filling station on 3rd floor of Kelly Hall. Adjacent to the men's restroom and lab space 330 Kelly Hall



Figure 2: Location of potential water bottle filling station on 4th floor of Kelly Hall. Adjacent to the women's restroom and lab space 440 Kelly Hall

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Part IV- Requestors/Reviewers

Sabah Rezvani, Biomedical Engineering Society President

Prepared By (Name of Contact for Student Organization)

Date: 12 Sept 2018

Reviewed By (Name of Appropriate University Official)

Date

Reviewed By (Name of Office of Energy and Sustainability Representative)

Date