

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

Whiteboards for Montgomery Hall

Title

Ryan Simon

Name of Submitter
(Faculty or Staff Only)

Department of Chemistry

Organization

Title: Whiteboards for Montgomery Hall Date: 7/17/2017
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Department/College/Org: Chemistry

ABSTRACT (250 words or less):

The purpose of this proposal is to acquire four moveable Dry-Erase White Boards for use in Montgomery Hall. The boards will be used in the main lecture halls of Montgomery Hall, with one being used for laboratories when needed. The whiteboards will offer our students a better view of lecture material in comparison to our current green chalkboards and will be able to move to other parts of the building when needed by various faculty members.

A. Purpose of Grant and Impact to Student Body as a Whole

The purpose of the grant is to 4 moveable dry erase whiteboards (Best-Rite Deluxe Dry-Erase White Board, Dura-Rite Surface, 48"x72", White, Aluminum Trim Frame (\$592.99 each, \$2371.96 total, Office Depot) for use by the faculty and staff of the Chemistry Department. This equipment will be used by instructors to enrich the education of chemistry, biology, pre-pharmacy, and nursing majors every semester.

Currently, Montgomery Hall is equipped with chalkboards in each of the classrooms as well as in most of the laboratories. These boards are green in color and have poor contrast ratio for our students in the larger lecture rooms as well as the brightly lit laboratories. Whiteboards are much easier to read from any part of the lecture or laboratory rooms. While replacing the existing green chalkboards with whiteboards would be an ideal situation, the cost of such a project would be very high. Moveable whiteboards will offer the chemistry department an alternative to replacing all the chalkboards as it is a much cheaper route that can be quickly implemented to the benefit of our student population.

Each semester, over 500 students take the general and organic chemistry laboratories in Montgomery Hall, and over 2000 students take traditional face to face classes chemistry courses each semester. Moveable whiteboards would give our professors and instructors a better range of tools to enhance the education of a significant portion of the student population at the university.

If the funds are approved, the white boards will be housed in rooms 103, 106, 227 and 118 of the Montgomery Hall. Faculty can check out any of the boards for use in other rooms in the building, and the faculty of the department will maintain it. The chemistry department will be responsible for the purchase of any dry erase markers, erasers, and cleaners that will be necessary to maintain the equipment.

B. Projected Lifetime of Enhancement

The projected lifetime of the instrument requested is well over 10 years.

C. Person(s) Responsible for:

Implementation: Ryan Simon

Installation: Ryan Simon

Maintenance: Routine maintenance covered by the Department of Chemistry

Operation: Faculty of the Department of Chemistry

Training: Faculty of the Department of Chemistry

Budget Proposal

1.	Equipment	\$ 2371.96
	4 x Best-Rite Deluxe Dry-Erase White Board, Dura-Rite Surface, 48"x72", White, Aluminum Trim Frame(\$592.99, Office Depot)	
2.	Software	\$ 0
	Software requirements will be provided by the department	
3.	Supplies	\$ 0
	Supplies will be provided by the department	
4.	Maintenance	\$ 0
	No maintenance will be necessary	
5.	Personnel	\$ 0
	No additional personnel required	
6.	Other	\$ 0
	None	
TOTAL:		\$ 2371.96

Other Relevant Information

None

Previous STEP projects

Ryan Simon has previously authored the following funded STEP proposals:

- Organic Chemistry Laboratory Equipment Grant, R. Simon and A. Gallo, \$3666.50, awarded in 2016.
- Demonstration Equipment Grant, R. Simon, \$501.64, awarded in 2017.
- Maker Lab for Montgomery Hall, R. Simon and Y. Wang, \$3649.79, awarded in 2017.