

2016 Innovation Mini-Grant – FINAL REPORTING



This form is required for your Innovation Mini-Grant. Please feel free to add any attachments regarding your project. Photos and videos are especially welcome. If you have any questions, or need any help completing this form, please contact Amy Schutter, Director of Grant Development, at 242-7713 or aschutter@shastacollege.edu. Please submit this completed form to the Office of Grant Development no later than **February 28, 2018**.

Thank you for your support and dedication to innovation at Shasta College!

Project:	Lightboard	Grant No.:	2016-2
Grantee(s):	Mark Blaser		

Section 1: Narrative

1. What were the key activities of this grant?

Build a lightboard (internally lighted clear whiteboard) to be used to make video lectures. Secure and outfit a room to host the lightboard (room next the the Center for Excellence in Learning and Teaching in the Library).

2. What aspects of the activities and/or grant were successful?

A lightboard has been built, and it works as intended, so that is very good. The lightboard is ready to make video lectures once the room has been completed and the lighting has been dialed in. (Also still need a lens for the camera and a little bit more permanent lighting before this can happen. I donated some movable lighting that it appears will not be sufficient for this.) A room for the lightboard has been found (in the Library next to the CELT room), mostly cleared out (some IT stuff remains), and some of the infrastructure is slowly getting in place. We still need to figure out the locations for the lighting, electrical outlets, etc., and have Physical Plant install these.

3. How was/is this grant beneficial to Shasta College students?

Since the lightboard / lightboard room is not yet fully functional, this grant has not yet directly benefitted Shasta College students. But once this project is completed, it has the potential to benefit thousands of SC students.

4. What aspects of the activities/and/or grant were challenging?

This project involves: a large amount of design work; many components to identify, price, and order; finding and remodeling an appropriate room; a significant amount of (unreimbursed) time to assemble the components, test the apparatus, and fine tune the set up; and so on.

Since many of these steps required approval from and processing by someone else (purchase ordering, physical plant work orders, etc.) there were frequent delays of weeks to months before the next step could be started or worked on.

*Note: With the way Shasta College functions, and with a single instructor working on this project in his (limited) extra time, getting this done within an 18-month window was probably not possible. One suggestion would be to consider having a longer time frame (at least for some projects), or to have a way to have an extension, or ...?

5. What, if anything, would you do differently if you could do this over again?

1. Build in some funding for time and labor.
2. Ask for some official administrative or other support that could move the project along more quickly. So many steps required: a long time to figure out what were the available options; how to obtain permission to move forward; having to wait for one party to make a decision before the next step could be contemplated/completed; waiting a particular task completed in a timely manner; and so on.
3. Enlist the help of others, and do so earlier in the process.
4. Maybe make a request for the entire lightboard project, rather than for the 1st phase only.

6. Please provide any data you have obtained regarding this project, whether reflecting success or otherwise. (Consult the Research Office if you need assistance with data collection.)

No data yet. Will have lots of data once the lightboard is up and running.

7. If this project is scalable, please describe the method by which scaling up could take place, and which areas might benefit from lessons learned through this project.

This project is not very scalable in one way – the lightboard itself is quite costly and it is unlikely Shasta College will have more than one of these.

However, in a more important sense, this project is very scalable – all instructors will have access to this technology, and so it can easily be scaled from use by the project lead and early adopters to use by a large number of Shasta College instructors.

Note: It is probably hard to visualize the potential impact of the lightboard until seeing it in operation (in person) and/or seeing a video lesson made using the lightboard.

Section 2: Demographics

Please complete the following table which tells Shasta College about who you served with this grant.

Category	Unduplicated Number Directly Served	Unduplicated Number Indirectly Served (estimated)	Notes
SC Faculty	??	??	The expectation is that this phase of the lightboard project will be completed by (early?) summer 2018, and faculty will be able to start using the lightboard to create instructional videos then. We will not be able to have estimates of faculty served until then.
SC Students	??	??	See Notes in SC Faculty box above. We will not be able to have estimates of students served until then.
SC Campus (in General)			Ditto
Other Constituents			Note: Instructional videos can serve a much larger set of constituents. For example, I have a chemistry instructional video that has had over 13,000 views – clearly not all of these are SC students.

Section 3: Project Expenditures

BUDGET ITEM	DESCRIPTION	TOTAL
SUPPLIES		
Bookstore Vouchers		
Textbooks		
Printing		
Supplies & Materials		
Event Refreshments		
Capital Outlay		
Equipment		
TRAVEL		
Transportation (Student Field Trips)		
Field Trip Expenses		
STAFFING		
Faculty Stipends		
Faculty Stipends - Associated Benefits	18.1% multiplied by Stipend Amount	
Temporary Employee Costs		
Temporary Employee Costs - Associated Benefits	10.0% multiplied by Temporary Employee Costs	
Student Worker Costs		
Student Worker Costs - Associated Benefits	2.1% multiplied by Student Worker Costs	
Contracted Work		
OTHER		
Lightboard Glass (Starphire)	From Nicolet Glass	\$1346
Lightboard Frame, etc.	From New Revolution Tools	\$1922
Camera, Microphone, etc.	Various Amazon orders	\$1795
Memory Card		\$80
Lights		\$255
Backdrops, etc.		\$145
TOTAL EXPENDITURES		~\$5543