Shasta College is committed to supporting innovation ideas that enhance student learning and success. As a result of the 2015 Governor's Innovation Award, there is now a designated fund (up to $100,000 per year for the next four to six years) to support faculty and staff projects that ultimately result in increased goal attainment for students. In accordance with the criteria for the Innovation Award, practices that enhance transfer and four-year degree completion while reducing time to degree are the highest priorities.

Please complete this application and submit it to the Innovation Office by February 28, 2017. For questions, please contact Theresa Markword, Director of Innovation and Special Projects, at tmarkword@shastacollege.edu or 242-7699.

Submitted by:	Cliff Gottlieb
Division/Dept. Name:	SLAM/Chemistry
Project Name:	Online/Hybrid Course Enhancement with Demonstration Videos

Project Overview	Please provide a brief overview of the project.

For my face to face classes, I do numerous chemical demonstrations to illustrate important concepts in chemistry. My online and hybrid classes do not get these important illustrations. I have looked online and the most of ones that I have found do not meet the needs of my classes. I propose to create videos of demonstrations specifically for my online and hybrid classes. I would make sure that they are 508 compliant. I plan to create a minuimum of 20 videos. I already have access to a camcorder. I would need the video editing software, Camatasia. I have included Camatasia in my other project proposal so if that were approved, this would not be a cost. The chemical preparation, videoing, editing and uploading needed for this project would need to be done outside of regular school hours and be far more than any flex hours that I would need so I am proposing a stipend for my time.

Student Impact	The main focus of the Innovation Award funds is to positively impact student learning and success. Please describe how your project will: • Improve one or more Student Learning Outcomes (SLOs) • Increase student engagement and/or success • Reduce the amount of time for a student to complete a Certificate, Associates Degree or Bachelor's Degree • Document measurable results (consult with the Research Office)

This year I have 4 totally online classes and 2 hybrid classes in which the students only attend a lab sessions. These classes serve approximately 200students. The impact of seeing chemistry in action to illustrate chemical principles will definitely enhance student engagement which should lead to greater success in the class and achieving the course SLO (Students will be able to find, interpret, analyze and apply information and data to solve problems and answer questions in chemistry) and ISLO's of Critical Thinking, Information Competency and Quantitative Reasoning. I will wowrk with the research office to document results.

Collaboration	Mini-grant projects often involve collaboration between multiple divisions/departments and/or outside entities (K-12, CSU/UC, or community

	partnerships). Please: • List any internal and/or external collaborative partners • Confirm that the partners are aware of the project
None	
Future Possibilities	The Shasta College mini-grants initiative provides the testing ground for innovative ideas to determine successful outcomes that may be used on a broader scale. Please discuss if the project is: • Replicable (easily shared with other campus programs) • Scalable • Cost-Effective (e.g., through number of students served; through District efficiencies increasing service to students; or if scaling up will prove cost-effective)
I would be happy make all of my videos available to all students and instructors and to share my insights with any instructor individually or via a workshop.	
Logistics	The mini-grant cycle—to include planning, implementation, and evaluation—is a maximum of 18 months (Fall-Spring-Fall), and all funding sources should be considered. Please confirm that: • The project phases can be completed within an 18-month cycle • No other funding sources are available for the project • A Budget Proposal form has been completed and is attached.
Yes I can complete this project, no other funding is available and a budget proposal form is attached	