

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2016

Name of Person Submitting Request:	Lorrie Burnham
Program or Service Area:	Biology
Division:	Science
Date of Last Program Efficacy:	Spring 2013
What rating was given?	Continuation
Equipment Requested	Ultra low temp freezer
Amount Requested:	\$11,000.00
Strategic Initiatives Addressed: (See http://www.valleycollege.edu/about-sbvc/office-of-president/college_planning_documents/documents/strategic-plan-report-working-doc-8-25-15-2.pdf)	Goal 6 – Facilities (support maintenance of safe, efficient, and functional facilities)

NOTE: To facilitate ranking by the committee, submit separate requests for each item; however, multiple items can be submitted as one request if it is required that the equipment is packaged together.

Replacement Additional

Are there alternative funding sources? (for example, Department, Budget, Perkins, Grants, etc.)

Yes NO

If yes, what are they? _____

1. Provide a rationale for your request. (Explain, in detail, the need for this position.)

The ultra-low temp freezer is equipment for laboratory preparation in association with courses in Microbiology (Bio 270). Our organisms and enzymes that we utilize in our microbiology experiments are stored in the low temp freezer so that they are not damaged in a regular household freezer. Our current low temp freezer has already had parts replaced and was not given a guarantee for length of time it will continue to run. The most recent repair was not guaranteed because the item is so old parts are no longer available.

2. Indicate how the content of the department/program's latest Efficacy Report and/or current EMP supports this request and how the request is tied to program planning. (*Directly reference the relevant information from your latest Efficacy Report and/or current EMP in your discussion.*)

2013 Program Efficacy, p17-18 Planning, and p18-19 Accomplishments and Strengths. The narratives in these sections suggest challenges and opportunities that face the Biology program in the near term. The ability of the Biology Dept. to meet and take advantage of changing technology are contingent upon having the necessary resources.

3. Indicate any additional information you want the committee to consider (*for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.*).

4. Indicate any related costs (including any ongoing maintenance or updates) and department/program's plans to support those costs.

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5. What are the consequences of not funding this equipment?

Without the low temp freezer we would need to purchase organisms and enzymes for the Microbiology experiments on a regular basis which is not feasible on our budget due to the cost of those items.
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