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:	2013
What rating was given?	Continuance
Equipment Requested	Real-Time PCR equipment
Amount Requested:	$38,000.00
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)	Strategic Goals of Student Success #2: 2.6.2; 2.6.3; 2.6.3.1 and .2; 2.6.5

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 x

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

Yes ☐   NO x

If yes, what are they? _____

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

> The electrophoresis equipment is utilized in laboratory experimentation associated with Microbiology and majors biology courses. The new technology would allow us to teach students to use equipment they will be expected to know how to use in the field.

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 most recent technology

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

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

> none

Needs Assessment Applications due: 10/28/2016 (Noon). Attach 2016 EMP for your department/program.

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

Students would get a degree and be less competitive in their job searches due to lack of ability to use current technology.