

EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2015

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?	Continuance
Equipment Requested	Hot plate/stirrer
Amount Requested:	\$800.00
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/15oqoxm)	Student Success, Technology

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

1. Provide a rationale for your request.

The hot plate/ stirrer is equipment for laboratory preparation in association with courses in Microbiology (Bio 270). The process of preparation of media and solutions for lab experiments associated with the course requires access to hot plate stirrers. The current smaller hot plate stirrers are inadequate to prepare the large amount of culture media for the labs.

2. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? (*Reference the page number(s) where the information can be found on Program Efficacy.*)

The 2013 Program Efficacy document, Planning Section, p17-18 illustrates the high demand for Registered nurses.
 2015 EMP, Program goals, plan for re-expansion.

Any lab experiment listed in the aforementioned courses that relies upon availability of solutions in the lab will require these pieces of equipment. Therefore the necessity of hot plate stirrers can be linked to any laboratory COR items where solutions must be prepped, or available in the lab.

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

4. Evaluation of initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources (*for example Department, Budget, Perkins, Grants, etc.*).

The amount requested is for one large hot plate stirrer. Currently the department has three smaller hot plate stirrers that are not equipped to handle the large amounts of media that is needed to run the microbiology experiments. There is no alternative funding sources for this item.

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

Limiting the number of experiments critical to fulfilling the SLO requirements of Microbiology labs