

## EQUIPMENT NEEDS ASSESSMENT APPLICATION

Name of Person Submitting Request:	<b>Mark Ikeda</b>
Program or Service Area:	<b>Biology</b>
Division:	<b>Science</b>
Date of Last Program Efficacy:	<b>Spring 2013</b>
What rating was given?	<b>Continuation</b>
Equipment Requested	<b>Hot Plate Stirrers</b>
Amount Requested:	<b>\$3000</b>
Strategic Initiatives Addressed:	Student Success, Technology

Replacement  X

Growth  □

1. Provide a rationale for your request.

The hot plate stirrers are equipment for laboratory preparation and laboratory experimentation to be used in association with courses in Human Anatomy & Physiology and Human Physiology (Bio 155, Bio 250, Bio 251, Bio 261). In the process of preparation of solutions for lab experiments associated with these courses, and to for use in lab experiments, the lab technician must have access to hot plate stirrers.

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.  
2013 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, or 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 or Perkins)

The amount requested is for nine hot plate stirrers. The stirrers that the Department currently possesses cannot heat solution and were purchased over 20 years ago. There is no alternative funding sources for these items.

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

Cancellation of experiments critical to fulfilling the SLO requirements of Anatomy and Physiology labs.

