

## 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>Micropipettes</b>
Amount Requested:	<b>\$6000</b>
Strategic Initiatives Addressed:	Student Success, Technology

Replacement  Growth

1. Provide a rationale for your request.

Microbiology courses are dependent upon equipment that can precisely and accurately dispense very small volumes of liquids as part of performing *routine* experiments that are an integral part of the microbiology lab course work. Micropipettes are standard pieces of lab equipment that the students taking microbiology will encounter in many of the professional laboratory settings for which they are receiving training.

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 micropipettes 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 equipment requested is for 18 of micropipettes capable of dispensing a range of microliter samples. There are no other sources of funding for this request.

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

Cancellation of experiments critical to fulfillment of the SLO associated with Microbiology labs.