Facilities
NEEDS ASSESSMENT APPLICATION

Facilities: Programs should list no more than three facility or renovation items. Identify the area in need of physical renovation, maintenance and/or repair. Requests for additional space should also be listed here. *Requests listed in this category will be forwarded to the Facilities Committee to evaluate through their own processes.* Provide a thorough rationale, **using data to support your request**, in order to help the Facilities Committee with their evaluation. List the approximate cost of your request.

Name of Person Submitting Request:	**Mark Ikeda**
Program or Service Area:	**Biology**
Division:	**Science**
Date of Last Program Efficacy:	**Spring 2009**
What rating was given?	**Expansion**
Strategic Initiatives Addressed:	Student Success

1. Renovation Request

Lecture room improvement

The lecture space of HLS 232 was designed with a window wall in common with the adjacent computer lab, HLS 230. Classes concurrently occupy these adjacent lecture spaces at many times throughout the week. In their current configuration the visual and auditory distraction of activities in these adjacent spaces degrades the quality of teaching.

The installation of some opaque, acoustically muffling curtains along the common wall of these two lecture rooms would significantly improve the teaching environments for both rooms

Approximate Cost: $2,000

2. Renovation Request

Microbiology lab drop ceiling

The microbiology lab was designed with an open ceiling that resulted in exposed piping and ductwork. The problem that resulted is that dust that accumulates on the exposed plumbing falls onto the lab decks below and produces a continuous source of contamination that interferes with the student work associated with studying microbial cultures.

Approximate Cost: $5,000

3. Renovation Request

Pond

The Biology Department's offerings of Bio 100, Bio 201, Bio 202, Bio 270 commonly use pond water as a source of live specimens for their study and analysis in the associated labs. The current means of acquiring pond water involves off-site collection that greatly diminishes the pedagogical value of student collection of pond samples. The ability of students to sample pond water from differing microenvironments in, even a small pond, would dramatically enhance their exposure to concepts of the relationship between the physical and biological environments.

A small pond habitat would also provide an opportunity to expand the biological gardens theme that the Department has currently been developing.

Finally a pond would enhance the opportunities afforded to visiting K through 12 students. A brief survey of the existence of a pond accessible at any local school has turned up no such resource.

Approximate Cost: $5,000?