

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:	2013
What rating was given?	Continuation
Equipment Requested	Human Anatomy Models
Amount Requested:	\$6648.96
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/15oqoxm)	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

1. Provide a rationale for your request.

Biological models are the bedrock of anatomical science. They provide the student with an experience that is visual and kinesthetic. Approximately 60% of the sections taught in Biology are in the subject areas of anatomy and physiology. These courses prepare students for the health science courses taught at Valley College. So this equipment support the needs of more than one program when they prepare students to do well in Nursing, Psych Tech, etc. The models are critical to anatomical studies. The models included here are the replacement request. We will also request some new models that we believe will further enhance our instructional abilities. This request features models that will replace current models that have been worn out through extensive student use. All the models that we use can be taken apart to reveal internal structure. The process of continually working with the model semester after semester wears on the general structure of the models and they must be replaced periodically. We have surveyed our current models and have determined that those listed in this category should be replaced as soon as possible.

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.*)

Anatomy and Physiology classes primarily support the CTE goals of our program. The Biology department is instrumental in preparing students for a general bachelor's degree as well as a bachelor's degree in Biology, but a majority of the courses in Biology prepare students to enter Allied Health courses, many of which are taught here at Valley College. Therefore, the support of these classes impact not just student success in Biology, but other programs in the college. The impact of student success reaches well beyond these courses. Students that complete the Allied Health programs, like Nursing, enter careers that enrich both the student and the local community. Instructional programs in Human Anatomy enriched by physical models benefit all levels of student success.

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.*).

Students have a variety of learning styles. Models contribute to the kinesthetic learning style. Without models, or even with worn or damaged models, students lack the materials that support active learning.

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 models that we are listed here are models of the heart, brain, and torso of the human body. These are essential structures and are necessary for a student to get a complete grasp of the knowledge of human anatomy.

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

Students will use broken, worn, or damaged models for their learning. Their success is impacted as is the overall success of the program. The reputation of the college is also impacted if the word gets around that Valley College is not on the cutting edge of instructional equipment.