EQUIPMENT NEEDS ASSESSMENT APPLICATION
Fall 2015

Name of Person Submitting Request:	**Tamara Maurizi**
Program or Service Area:	**Nursing**
Division:	**Science**
Date of Last Program Efficacy:	**2011-2012**
What rating was given?	**8**
Equipment Requested	**Pyxis Medstation**
Amount Requested:	**$20,000**
Strategic Initiatives Addressed: (See Appendix A: http://tinyurl.com/l5oqoxm)	Access, Efficiency, 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 practice of nursing is constantly changing, due in part to technological advances. The Institute of Medicine's (IOM) 1999 publication "To Err Is Human: Building a Safer Health System" reported that medical errors attributed to between 44,000 and 98,000 deaths annually. The report included recommendations for specific strategies to reduce medication errors in an effort to reduce errors in health care and improve patient safety. Automated medication dispense devices have been suggested as a technology that can assist in reducing the rates of medication errors and are seen at every healthcare facility. Pyxis technologies combines proven technology with actionable intelligence to prevent medication errors, help free up clinician time to focus on patient care, increase the predictability of medication availability and reduce inefficiencies in the medication use process. At almost every point in the medication use process, safety and efficiency can be increased with the comprehensive capabilities of the Pyxis medication management system.

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.)*

According to the EMP, faculty must continue to expand knowledge and skills to remain current with advancing practice including learning and using the technology such as the pyxis medstation prior to giving medications to a live patient. Before students can give care to a live person they must learn, and practice skills so that care is done in a safe manner. They must practice and learn the equipment they will use in the healthcare facility so that they can administer medications safely to live patients.

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.).*

On page 10 nursing efficacy report, nursing practice information, advisories, and guidelines are provided by the BRN to ensure ongoing communication of competency standards to consumers, registered nurses, advanced practice nurses, employers, educators, and other regulators. As the

scope of nursing practice changes and grows, so does this information.
http://www.rn.ca.gov/regulations/practice.shtml

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.*).

It is imperative that we stay current with the technologies that the hospitals are using so that students can give safe care. Because the Pyxis Medstation will be a permanent fixture in the skills lab it may not be funded by the Perkin's Grant. The funds for the Perkin's Grant have decreased due the increase in the number of programs requesting money.

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

Students will not be familiar with the technology used in the hospitals for medication administration. Mistakes are more likely to happen when students are not familiar with the equipment and how medications are to be administered.