

# 1. Assessment Plan - Three Column



## PIE - Technology & Health: Health Careers Resource Center

### Narrative Reporting Year

**2019-20**

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**Summary of Notable Achievements:** The nursing grant was able to purchase the following items during the 2019-2020 academic year; four VS machines, one bed, four gurneys, twelve manikins, one IV pump.

**Program Planning (Equity, Retention and Success):** HCRC is currently working on implementing virtual reality simulation. We are working with the VR department on developing the program in order to save on cost.

The Medical Assistant Program has been added to the list of students who utilize HCRC.

**External and Internal Conditions Analysis:** Due to Covid-19, HCRC was closed starting in March. If HCRC reopens, adjustments will be made to incorporate social distancing.

**Critical Decisions Made by Unit:** Due to Covid-19, HCRC was closed starting in March. If HCRC reopens, adjustments will be made to incorporate social distancing. A policy has been written and submitted to Risk Management for Approval. A SeekScan has been purchased in order to screen students before entering HCRC. PPE's have been ordered in order to practice proper infection control per the CDC guidelines.

**Contributors to the Report:** Connie Kunkler/Virginia Villegas

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
<p><b>Student Success</b> - The goal is to continue to find ways to increase student usage. The goal is to have students from all healthcare programs (nursing, PT, Radiology, Respiratory, EMS, CNA, IHHS, Pharmacy Tech, Medical Assistant) utilizing the HCRC. The goal is to increase the usage of the simulation lab.</p> <p><b>Status:</b> Active <b>Goal Year(s):</b> 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p>	<p><b>Request - Full Funding Requested</b> - Permanent location to conduct post and debriefing sessions. <b>*Describe Plans &amp; Activities Supported (Justification of Need):</b> According to International Nursing Association for Clinical Simulation and Learning (INACSL) Standards of Best Practice, we should be conducting the debriefing in a conference room or special debrief room separate from where the simulation occurs. Therefore, we are</p>	<p><b>Reporting Year:</b> 2019-20 <b>% Completed:</b> 25 Currently we are using 67A-131 as a debriefing room but this location does not have computer access. Also, because we sometimes run three simulation simultaneously we still do not have enough space. (05/02/2019)</p>

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
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**Date Goal Entered (Optional):**  
06/27/2017

in need of a separate room to conduct these meetings. No funds will be needed if there is an available room that meets these standards. We will also need a computer and projector to view the videos. We are currently using 67A-131 as a debrief room; however, this room does not have a computer for us to hook up our iPad to view videos needed for debriefing. A desktop computer is needed in this location.

**\*Lead:** Connie Kunkler/Virginia Villegas

**What would success look like and how would you measure it?:** As a temporary solution, we are currently using room 131 for debriefing; however, the room does not have a computer, only a projector. Debriefing is the most important aspect of the simulation experience according to the International Nursing Association for Clinical Simulation and Learning. Through the debrief process, metacognition develops students' clinical reasoning. One way to measure is by looking at the simulation evaluations at the student comments in regards to debriefing.

**Type of Request:** IT SUPPORT:  
Requests for projects related to the implementation, integration, application, delivery, and support of information and instructional technologies.

**Planning Unit Priority:** High  
**One-Time Funding Requested (if applicable):** 1100

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
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**Technology Support** - The goal is for the students to be able to practice skills that are performed in the clinical settings. The goal is to continue providing equipment recommended by facility representatives at advisory meetings. The goal is to improve learning experiences for students. The goal is to help the students learn how to chart on an Electronic Medical Records device prior to their clinical rotation. Obtain ongoing maintenance agreement funds to provide maintenance for high and low fidelity simulators.

**Status:** Active  
**Goal Year(s):** 2016-17, 2017-18, 2018-19, 2019-20, 2020-21  
**Date Goal Entered (Optional):** 06/27/2017

**Request - Full Funding Requested -** Provide training to faculty and students on the MedDispense cart. We have purchased a hand held scanner to keep better tack of supplies and equipment in the HCRC. Upgrade equipment and supplies to duplicate what our clinical facilities are using so our students are better prepared when they go to the facility. We have purchased 2 Go Pros to record simulation for debriefing; however, the Go Pros were not effective due to limited time for debriefing. The Go Pros have since been donated to the Public Safety Programs Department for use in Paramedic and Administration of Justice programs. Purchase an electronic medical record (EMR) program, as this was recommended by the Nursing advisory committee.

**\*Describe Plans & Activities Supported (Justification of Need):** 1- Electronic Medical Record program and 3 iPads for debriefing. We are in the process of surveying our facilities to inquire as to what specific equipment they are using.

**\*Lead:** Connie Kunkler/Virginia Villegas

**What would success look like and how would you measure it?:** By purchasing and upgrading our equipment to mirror the facilities will help the students prepare for the clinical setting. The faculty should see an improvement in performing a med

**Reporting Year:** 2019-20  
**% Completed:** 50  
 We were able to purchase 3 ipads for simulation, but unable to purchase another MedDispense. (05/27/2020)

**Reporting Year:** 2019-20  
**% Completed:** 75  
 Effective Spring 2019, the nursing students are being trained on the MedDispense cart. Moving forward, the MedDispense will be used for skills/sim days. The PT program utilizes the MedDispense cart in class. We were unable to purchase a second MedDispense. We are hoping that an allied health program will be able to purchase for HCRC. HCRC was unable to purpose a scanner because we could not find one that is compatible with our current system. It would be too expensive to replace the entire system. We have been inputted the data by hand. The Go Pro's were taking too long to download, so we were unable to video debrief with each class. They have been donated to the PSP programs. We are purchasing 3 iPads to replace them. The EMR system was expensive (they charge each student), so we developed an EMR using FileMaker Pro program. (05/08/2019)

*Unit Goals*

*Resources Needed*

*1. Where We Make an Impact: Closing the Loop on Goals and Resources*

pass and electronic charting. One way to measure is by receiving feedback at the Advisory meetings from the facility representatives.

**Type of Request:** SUPPLIES AND MATERIALS: Instructional supplies and materials are items to be used by students, faculty and other personnel in connection with an instructional program, less than \$500.

**Planning Unit Priority:** High

**Request - Full Funding Requested -** Ongoing maintenance agreement funds.

**\*Describe Plans & Activities**

**Supported (Justification of Need):** In the past we were able to purchase maintenance agreements for our high fidelity simulators through a grant; however, because costs in other areas have increased we are not always guaranteed to receive funds from the grant for our much needed maintenance agreements. In addition, we purchased five low fidelity simulators that will also need a maintenance agreement. In total we will need \$11,317.60 to cover maintenance for two high fidelity simulators and five low fidelity simulators.

**\*Lead:** Connie Kunkler/Virginia Villegas

**What would success look like and how would you measure it?:** If a simulator has mechanical problems and we are unable to fix then this disrupts the students learning and their success. One way to measure is to read the students comments on

**Reporting Year:** 2019-20

**% Completed:** 100

Currently, the maintenance agreements are being paid by the nursing program grants. If the grants are unable to pay for the agreements, HCRC will need additional funds. (05/27/2020)

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the simulation evaluation about their simulation experience and how we can improve.  
**Type of Request:** OTHER OPERATING EXPENSES AND SERVICES: Requests for contracted, legal/ audit, personal/ consultant, rent/ leases, repairs/ maintenance, and other misc. services. May also include request for travel and conference that does not require the assistance of POD.  
**Planning Unit Priority:** High  
**On-Going Funding Requested (if applicable):** 11317.6

<p><b>Professional Development</b> - The goal is to have all health program faculty and HCRC staff properly trained for simulation.            The goal is to increase the number of HCRC nurses who can run the simulator.            The goal is to learn new techniques and improve simulation student experiences.</p> <p><b>Status:</b> Active  <b>Goal Year(s):</b> 2017-18, 2018-19, 2019-20, 2020-21  <b>Date Goal Entered (Optional):</b> 06/27/2017</p>	<p><b>Request - Full Funding Requested -</b> Funds for staff development needed for training and simulation trainers to come on campus to work with the faculty and staff.  <b>*Describe Plans &amp; Activities Supported (Justification of Need):</b> Sending additional RN's to simulation courses.            Send the RN's to moulage training.            Working with the nursing department faculty on expanding their simulation experience and training            Developing a policy and operation (P &amp; O) simulation manual.  <b>*Lead:</b> Connie Kunkler/Virginia Villegas  <b>What would success look like and how would you measure it?:</b> It is vital to provide simulation training for the nurses. According to INACSL, we need to provide simulation training in order to keep everyone up-to-date. One way to measure is to ask the</p>	<p><b>Reporting Year:</b> 2019-20  <b>% Completed:</b> 25            We were able to get additional RN's trained for simulation as well as the Coordinator by going to free seminars. There is still a lot of work that needs to be done and funding for staff development is still needed. (06/01/2018)</p>
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nurses their feedback in regards to running the simulator and what can be done to improve the process. Providing a P & O simulation manual and updating each year, we keep the nurses informed on any changes.

**Type of Request:** OTHER OPERATING EXPENSES AND SERVICES: Requests for contracted, legal/ audit, personal/ consultant, rent/ leases, repairs/ maintenance, and other misc. services. May also include request for travel and conference that does not require the assistance of POD.

**Planning Unit Priority:** Medium

**One-Time Funding Requested (if applicable):** 5000

**Collaboration** - The goal is to continue to maintain open communication and work on areas for improvement with all HCRC staff. The goal is to build a rapport with the facilities and discuss the needs of the students in clinical. The goal is to build a network of resources with other colleges/universities. The goal is to have the students from the health programs work together and demonstrate use of skills obtained in the programs by working with the Emergency Preparedness Team during a disaster drill.

**Status:** Active

**Goal Year(s):** 2016-17, 2017-18, 2018-19, 2019-20, 2020-21

**Date Goal Entered (Optional):** 06/27/2017

**Request - No Funding Requested - None**

**\*Describe Plans & Activities Supported (Justification of Need):**

Attend faculty meetings for all healthcare programs to provide new information about HCRC.

Attend advisory meeting with nursing and non-credit..

Attend Simulation Collaboration meetings.

Work with the Emergency Preparedness Team to implement a disaster drills.

**\*Lead:** Connie Kunkler/Virginia Villegas

**What would success look like and how would you measure it?:** It is important to collaborate with the health programs in order to receive feedback on students needs. A way to measure is by speaking to faculty to

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determine what equipment/supplies would be vital to have and evaluate after usage to determine if it was successful.

**Type of Request:** OTHER OPERATING EXPENSES AND SERVICES: Requests for contracted, legal/ audit, personal/ consultant, rent/ leases, repairs/ maintenance, and other misc. services. May also include request for travel and conference that does not require the assistance of POD.

**Planning Unit Priority:** Medium

**Effective Communication** - Director and Coordinator meet monthly to review HCRC operations and discuss areas for improvement. The goal is to keep the Associate Dean updated on the operations in HCRC by meeting twice a semester. The goal is to update Non-credit Registered Nursing on changes, as well as allowing them an opportunity to discuss any concerns or areas for improvement. We provide two virtual meetings and one face-to-face meetings per semester. Comment box has been developed for students to share their experiences in HCRC as well as suggest areas for improvement. Update Health Programs to develop a rapport and keep the Programs updated on any changes. A newsletter is distributed twice a semester to health program students and staff to keep them updated with changes in the HCRC. Students have access to information

**Request - Full Funding Requested** - We would like to continue to pay RN staff to come in for our bi-monthly meetings as a meeting may not occur on their regular work day.

**\*Describe Plans & Activities Supported (Justification of Need):** Director and Coordinator will continue to meet monthly to review progress of the HCRC. Director and Coordinator will continue to meet with the Associate Dean twice per semester to discuss progress of the HCRC. We will continue to have one face-to-face and two virtual meetings per semester. We have implemented a comment box for students to share their experience in the HCRC. Continue to meet with Health Program faculty to develop a rapport.

**\*Lead:** Connie Kunkler/Virginia Villegas

**What would success look like and how would you measure it?:** HCRC has implemented a comment box for

**Reporting Year:** 2019-20  
**% Completed:** 50  
 We are now conducting bi-monthly meetings which has helped communication; however, it is hard to get everyone together due to RN schedules off campus. We would like to continue to pay RN staff for one hour of compensation when they do attend. (06/01/2018)

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on the HCRC via social media (Facebook, Instagram, Snap Chat, and Twitter) to keep them updated on any changes, such as hours, room availability, RN availability, etc.

**Status:** Active  
**Goal Year(s):** 2017-18, 2018-19, 2019-20, 2020-21  
**Date Goal Entered (Optional):** 06/27/2017

the students to comment on HCRC. The Director and Coordinator review the comments and make improvements as needed. We would measure before and after to determine if the change was beneficial.

**Type of Request:** OTHER OPERATING EXPENSES AND SERVICES: Requests for contracted, legal/ audit, personal/ consultant, rent/ leases, repairs/ maintenance, and other misc. services. May also include request for travel and conference that does not require the assistance of POD.

**Planning Unit Priority:** Medium