

1. Assessment Plan - Three Column



PIE - Technology & Health: Respiratory Therapy Unit

Narrative Reporting Year

2019-20

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Summary of Notable Achievements: 100% success on credentialing examinations. All 2019 program graduates passed the TMC and Clin Sims exam and earned the RRT credential

Fall 2109 program earned the highest accreditation status through COARC - Commission of Accreditation for Respiratory Care

Program's "sputum bowl" team placed first in the CSRC South Coast Chapter Competition

Program Planning (Equity, Retention and Success): The program is helping to supply Respiratory Therapists to the community. The COVID pandemic has illustrated the need for therapists as they are health care workers responsible for managing the ventilators in the ICU for the most critically ill patients

External and Internal Conditions Analysis: Clinical Sites - The program must provide well trained students to hospital sites for the clinical component of the program. To achieve this, the program must have a laboratory with state of the art equipment that is currently used in the hospital setting.

The program must comply with accrediting agency, COARC, standards

COVID 19 - The inability to use the program laboratory during the stay-at-home order

COVID-19 - The inability to send students to clinic sites during the stay-at-home orders

COVID-19 - Donation of all the program's PPE to local hospitals has left the program needing these resources replaced

Critical Decisions Made by Unit: Professional Experts in the lab has helped students master skills and helped with student success and retention

Contributors to the Report: Mary-Rose Wiesner

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
<p>Improve Classroom and Laboratory space - Improvements were made in 2018 with removal of counters for additional space in the lab, shelves added to closet in 134. Summer 2017, we secured an additional room for storage of supplies and mechanical ventilators.</p>	<p>Request - Full Funding Requested - 20 adjustable height chairs for the laboratory space- \$14,000 - *Describe Plans & Activities Supported (Justification of Need): Tables for the laboratory space that can be height adjusted were secured. Adjustable height chairs</p>	<p>Reporting Year: 2019-20 % Completed: 50 Eight tables were installed. (06/01/2019)</p> <hr/> <p>Reporting Year: 2017-18 % Completed: 0 Progress made on storage issue in Respiratory Therapy lab with removal of counters, shelves added to closet in room 134 and additional storage room 118 secured for</p>

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<p>New goal for 2017-2018 to improve laboratory space. We would like to obtain new tables for the laboratory space. Tables that rise which will allow students to both sit and stand. Raising the tables to waist height will simulate the height of a bed in a hospital setting . This will allow students to practice procedures in a more realistic manner. We recieved funding for 4 tables in 2018. Tables were ordered in 2019 and we are still awaiting arrival and installation. 4 additional tables and chairs are needed. The cost for these is approximately \$5,000.00.</p> <p>Tables were installed in early 2020, chairs/stools for the tables are still needed and continue for 20/21 goals</p> <p>Continued goal for 2020-2021 to improve classroom space. The Respiratory Therapy classroom is in need to new desks and chairs. The banquet style chairs are soiled and stained. The current desks are wobbly and soiled. The classroom needs 40 desks and chairs. The new furniture standard for the college is a huge improvement over the furniture currently in our classroom. The cost for new desks and chairs is approximately \$15,000.00</p> <p>Status: Active</p> <p>Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 07/01/2017</p>	<p>are needed for seating with the tables.</p> <p>*Lead: Mary-Rose Wiesner</p> <p>What would success look like and how would you measure it?: Current chairs are banquet style chairs and soiled</p> <p>Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.</p> <p>Planning Unit Priority: High</p> <p>One-Time Funding Requested (if applicable): 19000</p> <p>Total Funding Requested: 19000</p> <p>Request - Full Funding Requested - New Desks and Chairs for the Respiratory Therapy Classroom that are compliant with the college's furniture standards</p> <p>*Describe Plans & Activities Supported (Justification of Need): Improved classroom environment for student learning. Current desks wobble and it creates a distraction during class and especially during test. Banquet style chairs are soiled and very noisy when pulled out and pushed in. This noise creates a distraction during testing. New desks and chairs will create an improved classroom environment more conducive for student learning. Our students take all their classes in the same classroom so classroom environment and noise levels are important.</p>	<p>department in 2016-2017.</p> <p>New goal for 2017-2018 to improve laboratory space. We would like to obtain new tables for the laboratory space. Tables that rise which will allow students to both sit and stand. Raising the tables to waist height will simulate the height of a bed in a hospital setting . This will allow students to practice procedures in a more realistic manner. (03/08/2018)</p> <p>Reporting Year: 2019-20</p> <p>% Completed: 0</p> <p>This is a new request (05/15/2019)</p>

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***Lead:** Mary-Rose Wiesner
What would success look like and how would you measure it?:
 Improved student engagement with better classroom environment.
Type of Request: FACILITIES: This section includes minor building improvement projects and alterations to specific rooms or operational areas.
Planning Unit Priority: High
One-Time Funding Requested (if applicable): 15000
Total Funding Requested: 15000
Related Documents:
[67A_Respiratory_Therapy_New_Classroom_Furniture_Budget-2019-05-15.pdf](#)

<p>Technology Upgrades - High Flow Nasal Cannula System (HFNC) - AirVo system - Technology upgrades are needed on a continual basis to keep equipment in our lab current and up to date with the equipment students will see and be expected to use safely in the hospital clinical setting. Specific technology upgrades include the following; AirVo High flow oxygen nasal cannula system. High Flow nasal cannula is rapidly becoming a mainstream treatment for patients in the ER, general floors and ICU. It has become an important therapeutic intervention in treating patients with COVID lung disease in attempts to avoid mechanical ventilation.</p> <p>Status: Active</p>	<p>Request - Full Funding Requested - High Flow Nasal Cannula System - AIRVO</p> <p>*Describe Plans & Activities Supported (Justification of Need): Funding is needed for the following equipment upgrades to maintain the Respiratory Therapy Laboratory and Program state -of -the art and current with clinical practice.</p> <p>*Lead: Mary-Rose Wiesner What would success look like and how would you measure it?: Improved student engagement and increased practice in critical skills required for clinical practice Provide students practice with current generation, up-to-date</p>	<p>Reporting Year: 2018-19 % Completed: 0 Funding needed for Two adult intensive care mechanical ventilators Meta Neb unit and accessories ALS Trainer Full Body Manikin Intubation Trainers Professional Development (05/15/2019)</p> <hr/> <p>Reporting Year: 2019-20 % Completed: 0 Equipment and Funding for PD are needed for the 19-20 year (05/15/2019)</p> <hr/> <p>Reporting Year: 2019-20 % Completed: 0 2 mechanical ventilators will be purchased 2017 with Perkins funding from 16-17 fiscal year. 2 additional mechanical ventilators are needed Other technology updates needed include; Smart Vest Unit Meta Neb Unit</p>
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<p>Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 09/01/2016</p>	<p>equipment that they will see in clinical practice.</p> <p>Increase student employability</p> <p>Type of Request: INSTRUCTIONAL</p> <p>EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.</p> <p>Planning Unit Priority: High</p> <p>One-Time Funding Requested (if applicable): 4200</p> <p>Total Funding Requested: 4200</p> <p>Related Documents:</p> <p>Mt Sac College Airvo with Supplies CRM#142475 3-28-2019[20409].pdf</p> <p>Request - Full Funding Requested - Advanced Life Support (ALS) - Full Body Manikin</p> <p>*Describe Plans & Activities Supported (Justification of Need): ALS Trainer Full Body Manikin - Full body manikins are used in lab on a weekly basis. Two manikins are needed to provide students with enough practice to gain competency in skills prior to entering clinical sites. One manikin was purchased in 2019. With the impact of COVID 19 on how we will conduct our laboratory classes in the future, a second manikin is now urgently needed.</p> <p>*Lead: Mary-Rose Wiesner</p> <p>What would success look like and how would you measure it?: Student learning outcomes in the program's laboratory courses are directly related to skills that require</p>	<p>ALS Trainer Full Body Manikin</p> <p>Professional Development Funding for training on technology upgrades</p> <p>(07/10/2017)</p>

Unit Goals

Resources Needed

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

competency to be demonstrated using a manikin

Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

Planning Unit Priority: High
One-Time Funding Requested (if applicable): 3000

Total Funding Requested: 3000

Related Documents:

[CA-Mount San Antonio CC-Mary-Rose Wiesner-05-01-20-RA QCPR \(2\).pdf](#)

Request - Full Funding Requested - Intubation/Manual Ventilation Training Manikin

***Describe Plans & Activities**

Supported (Justification of Need): The lab currently has 4 trainers and the trainers are used frequently to teach these critical skills to students. The trainers are in need of replacement. They are soiled, torn and broken. Two trainers were replaced last year. Two additional trainers need replacement. Cost is 2200 each

***Lead:** Mary-Rose Wiesner

What would success look like and how would you measure it?: Student Learning Outcomes for the program's laboratory courses require skill competencies to be demonstrated using the training manikin

Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library

Unit Goals

Resources Needed

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

material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

Planning Unit Priority: High
One-Time Funding Requested (if applicable): 4400

Total Funding Requested: 4400

Related Documents:

[CA-Mount San Antonio CC-Mary-Rose Wiesner-05-01-20-LAMT \(2\).pdf](#)

Request - Full Funding Requested -
Meta Neb Airway Clearance Unit with accessories.

***Describe Plans & Activities**

Supported (Justification of Need):

The Meta Neb unit is currently used as an airway clearance device in a number of the program's clinic sites. We do not have one in the lab for students to gain competency before clinical rotations. Unit with accessories is \$5,547 for the actual unit and \$531 for accessories. One unit was obtained recently with Perkins funding. With 16 to 20 students enrolled in each section of lab, an additional unit is needed.

***Lead:** Mary-Rose Wiesner

What would success look like and how would you measure it?: Student Learning Outcomes in the program's laboratory courses require skills competencies to be demonstrated with the use of this unit.

Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom

Unit Goals

Resources Needed

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

instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.

Planning Unit Priority: Medium

One-Time Funding Requested (if applicable): 6078

Total Funding Requested: 6078

Request - Full Funding Requested -

SIMSVS Hospital Complete with Ventisim. Life like simulation that allows the instructor to manipulate ventilator settings and patient response. Addresses critical thinking and technical skill prior to clinical placement.

***Describe Plans & Activities**

Supported (Justification of Need):

SIMSVS Hospital Complete with Ventisim. simulations to provide students with an in-depth experience of the entire process of initiating mechanical ventilation and adjusting after a change in patient conditions. Students assess clinical data provided by the ventilator and patient monitors and then input initial ventilator and alarm settings. This can be used in the lab and classroom to integrate didactic and technical skills and now has a remote application.

COVID--19 has impacted our ability to teach skills like mechanical ventilation due to not being able to be on campus for labs. The new remote application of Ventisim allows for a much better platform to teach this skill remotely.

Unit Goals

Resources Needed

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

***Lead:** Mary-Rose Wiesner
What would success look like and how would you measure it?:
 Students are able to set up and adjust ventilator and alarm settings appropriate to different patient scenarios. This is a course SLO
Type of Request: INSTRUCTIONAL
EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.
Planning Unit Priority: Urgent
One-Time Funding Requested (if applicable): 5000
Total Funding Requested: 5000
Related Documents:
[HSS Quote 4-030 MSA.docx](#)

Professional Development -
 Professional Development for program faculty to attend state and national conferences sponsored by the California Society for Respiratory Care and the American Association for Respiratory Care
Status: Active
Goal Year(s): 2019-20, 2020-21
Date Goal Entered (Optional): 07/24/2019

Request - Full Funding Requested -
 Professional Development - Staff needs PD funds to attend conferences to keep knowledge up-to-date with technology, standards of care, and accreditation updates.
***Describe Plans & Activities Supported (Justification of Need):**
 Annually there are three major conferences that are important for Respiratory Educators to attend. These include the American Association for Respiratory Care, (AARC), Convention, The California Society for Respiratory Care Confernce and the AARC Summer Forum Conference for Educators and

Unit Goals

Resources Needed

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

Managers. We request funding annually for at least one full time faculty member to attend each conference. The specific amount of funding depends on where each conference is held annually. The AARC conferences are typically out of state conferences that require travel and lodging in addition to registration fees.

***Lead:** Mary-Rose Wiesner

What would success look like and how would you measure it?: Faculty are updated on technology and standards of practice. Faculty earn Continuing Education Units required for license renewal.

Type of Request: PROFESSIONAL & ORGANIZATION DEVELOPMENT (POD): Requests that provide professional learning opportunities for Mt. SAC employees.

Planning Unit Priority: High

One-Time Funding Requested (if applicable): 6000

On-Going Funding Requested (if applicable): 6000

Total Funding Requested: 6000