

1. Assessment Plan - Four Column



PIE - Technology & Health: Radiologic Technology Unit

Narrative Reporting Year

2018-19

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External Conditions, Trends, or Impacts: 1. Employers are seeking graduates with a broader range of skills in advanced imaging modalities.

2. Increased financial burden continues to challenge students (fuel, tuition, textbooks, food, housing, uniforms).

3. Employment demand continues to improve.

4. Accrediting agency requirements, credentialing body requirements, and state/federal regulations affecting program planning continue to change requiring continuous program modifications.

5. Technological advances in the field of RAD Tech have led to significant changes in the equipment being used in the clinical setting. The changes impact the program as we struggle to secure funds to keep our lab equipment up to date.

6. Securing clinical sites for student training is a challenge and limits growth. Sites are either affiliated with other RAD Tech program or do not want to participate in student training. Some of our current clinical training sites are slow or do not offer training in advanced modalities (CT, Mammo); thus, we need to seek new affiliations to improve student's clinical experience and to support competency achievement.

7. The Centers for Medicare & Medicaid Services is tying reimbursements to Hospital Consumer Assessment of Healthcare Providers and Systems survey scores (patient satisfaction score). The score places immense pressure on hospital staff to keep patients satisfied. Thus, it is essential that RTs and RT students provide excellent patient care. A high priority needs to be placed on preparing RT students with the soft skills necessary to provide effective patient care.

Internal Conditions, Trends, or Impacts : 1. Imaging technology upgrades are needed on a continual basis to keep equipment in the lab current and up to date with the technology used in the clinical setting. Specific technology upgrade needs include new x-ray machines. The x-ray machines in the laboratory are 19 years old. One x-ray tube failed in Spring 2016. Due to the equipment's age, other parts of the two x-ray machines will likely start failing. Need to update the x-ray machines as soon as possible. The lack of updated imaging equipment negatively impacts student learning and skill acquisition because the equipment does not mirror the workplace.

2. Addition of the Mammography and Computed Tomography certificate programs requires establishing new clinical affiliations to provide clinical training to students in those advanced modalities.

3. Lab phantoms and imaging accessories need to be replaced or repaired to maintain an effective learning environment and functioning lab. Multiple phantoms need

replacement or repair immediately.

4. An increasing number of RT students are not prepared with the soft skills needed to provide effective patient care. This issue has been identified by program faculty and clinical staff. Students need to develop soft skills prior to program enrollment. (e.g., communication, teamwork, attitude, professionalism, decision making, and critical thinking)

Critical Decisions Made by Unit: 1. Maintained reduced cohort size (36) due to employment demand. Will continue to monitor 5 year average.

2. IV training and curriculum was moved away from continuing education and into credit course RAD91- Nursing Procedures.

Notable Achievements for Theme A: To Advance Academic Excellence and Student Achievement: 1. Continued refinement and growth of the department's Mammography Certificate Program. Seven students who are currently enrolled in the Class of 2019 RAD Tech program, enrolled in the Mammography Certificate Program. The program began in Spring 2019 and will end after Summer 2019 semester. All seven students passed the didactic portion of the program. The seven students are finishing up the clinical component of the program over Summer 2019.

2. Continued refinement and growth of the department's CT Certificate Program. Nine of eleven students enrolled in the Class of 2018 CT certificate program, successfully completed the program at the end of Spring 2018. Five additional students enrolled and successfully passed the didactic portion of the program (students opted out of the clinical component). Program Completion Rate was 82%. Credentialing Exam Pass Rate was 88%. Job Placement Rate was 100%. Survey data from program alumni and employers indicates both are satisfied with the program.

Class of 2019 CT Certificate Program. Fifteen students are enrolled in the CT certificate program, Two additional students enrolled in the didactic portion of the program (students opted out of the clinical component). All 17 students passed the didactic portion of the program.

3. The RAD Tech program reports the following program effectiveness data: a) 100% job placement rate (JPR) for the Class of 2017. Class of 2018 preliminary JPR of 96% (to be finalized on 8/01/19); b) 83% credentialing exam pass rate on first attempt and within 6 months of graduation for Class of 2018; c) 81% program completion rate for Class of 2018.

4. Improved student training opportunities by establishing new clinical affiliations with PIH Breast Center (Mammo) PIH Downey (CT), and Parkview (CT).

Notable Achievements for Theme C: Secure Human, Technological, & Financial Resources: 1. The program secured funding to purchase a new Canon Digital Radiography (DR) system. The system replaced the film processing system removed from lab in Spring 2016. The addition of the new system has positively impacted our program's ability to provide students with in demand skills through up-to-date, industry-valued, state of the art equipment that enhances learning and student achievement.

2. The department secured an ongoing budget line to fund Nursing Professional Expert support during IV therapy training. The funding allows the program to provide the Venipuncture training required by the program's accrediting agency to our students.

3. Final development of the RAD Tech program's online application system was completed. The online system improved operational efficiency and effectiveness.

Contributors to the Report: Monique Neel - Radiologic Technology

| <i>Unit Goals</i> | <i>Resources Needed</i> | <i>Where We Make an Impact: Closing the Loop on Goals and Plans</i> |
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| Student Success - To advance student academic excellence and achievement, and prepare students for success through exemplary programs. Status: Active | Request - No Funding Requested - New clinical affiliations to provide clinical training opportunities in Radiologic Technology, Computed Tomography, and Mammography. | Reporting Year: 2018-19 % Completed: 100 Improved student training opportunities by establishing new clinical affiliations with PIH Breast Center (Mammo), PIH Downey (CT), and Parkview (CT). Due to increased |

| <i>Unit Goals</i> | <i>Resources Needed</i> | <i>Where We Make an Impact: Closing the Loop on Goals and Plans</i> |
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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>Describe Plans & Activities Supported (Justification of Need): Plan is to establish new clinical affiliations to provide students with the opportunity to access clinical experiences that support skill acquisition necessary to achieve competency and to succeed in the workplace.</p> <p>Lead: Monique Neel</p> <p>What would success look like and how would you measure it?: The program will establish affiliation agreements with new sites to secure additional clinical placement for CT, Mammography, and RT students.</p> <p>Type of Request: NON INSTRUCTIONAL EQUIPMENT: Tangible property with useful life of more than one year, other than land or buildings improvements, equal and over \$500 per individual item. Used for administrative or non-instructional purposes.</p> <p>Planning Unit Priority: High</p> <p>Documentation Attached?: No</p> | <p>demand of all programs, will continue to work on establishing new clinical affiliations in 2019-2020.</p> <p>-The criteria for RT program was to establish affiliation agreements with new sites to secure additional clinical placement for at least 3 students. In 2016-2017, secured placement for 1 additional student. In 2017-2018, secured placement for 2 additional student.</p> <p>-The criteria for CT program was to establish affiliation agreements with new sites to secure additional clinical placement for at least 5 students. In 2016-2017, secured placement for 2 additional students. In 2017-2018, secured placement for 2 additional students. In 2018-2019, secured placement for 2 additional students.</p> <p>-The criteria for Mammo program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, did not secure placement for any additional students. In 2017-2018, secured placement for 4 students. in 2018-2019, secured placement for 2 additional students. Finding clinical placement for the students enrolled in the mammo program continues to be a serious challenge.</p> <p>As a result of new clinical affiliates, the student's ability to achieve clinical experience requirements and maintain professional currency did improve. Also, the new CT affiliations allowed us to accept two additional students in the CT program for Class of 2019.</p> <p>Although sites have been secured to place the minimum number of students identified as a measure of success, the program will continue to work on securing sites due to increased demand of the programs, and changes to current clinical affiliations. For example, some sites decided to accept less students for training in 2019 than in 2018. One site decided to no longer participate. These changes impact the number of students we can accept into our programs. Thus, the need to continue pursuing new clinical affiliations persists.</p> <p>(05/08/2019)</p> |

Unit Goals

Resources Needed

Where We Make an Impact: Closing the Loop on Goals and Plans

Reporting Year: 2017-18

% Completed: 75

Plan in progress. Improved student training opportunities by establishing new clinical affiliations with Hill Imaging Center (RT & Mammo), Huntington Hill Imaging Center (RT, CT, & Mammo). Have not met criteria for CT and Mammo programs. Will continue to work on establishing new clinical affiliations in 2018-2019.

-The criteria for RT program was to establish affiliation agreements with new sites to secure additional clinical placement for 3 students. In 2016-2017, secured placement for 1 additional student. In 2017-2018, secured placement for 2 additional student.

-The criteria for CT program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, secured placement for 2 additional students. In 2017-2018, secured placement for 2 additional students.

-The criteria for Mammo program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, did not secure placement for any additional students. In 2017-2018, secured placement for 4 students. Finding clinical placement for the students enrolled in the mammo program continues to be a serious challenge.

As a result of new clinical affiliates, the student's ability to achieve clinical experience requirements and maintain professional currency did improve. Also, the new CT affiliations allowed us to accept two additional students in the CT program for Class of 2018.

Expect to meet the establish criteria in 2018-2019.
(04/08/2018)

Reporting Year: 2016-17

% Completed: 25

Plan in progress. Improved student training opportunities by establishing new clinical affiliations with Magan Medical Center (RT, Feb 2017, 1 student), Arcadia Radiology (CT, Dec

| <i>Unit Goals</i> | <i>Resources Needed</i> | <i>Where We Make an Impact: Closing the Loop on Goals and Plans</i> |
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2016, 1 student), and Centerlake Imaging (CT, Dec 2016, 1 student). Have not met criteria. Will continue to work on establishing new clinical affiliations for 2017-2018 program cohorts.

- The criteria for RT program was to establish affiliation agreements with new sites to secure additional clinical placement for 3 students. In 2016-2017, secured placement for 1 additional student.
- The criteria for CT program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, secured placement for 2 additional students.
- The criteria for Mammo program was to establish affiliation agreements with new sites to secure additional clinical placement for 5 students. In 2016-2017, did not secure placement for any additional students. Finding clinical placement for the students enrolled in the program was a serious challenge.

As a result of new clinical affiliates, the student's ability to achieve clinical education competencies and maintain professional currency did improve. Also, the new CT affiliations allowed us to accept two additional students in the CT program for Class of 2017.

Expect to meet the establish criteria in 2017-2018.
(06/14/2017)

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| <p>Resources - To secure human, technological, and financial resources to enhance learning and student achievement</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): 09/01/2016</p> | <p>Request - Full Funding Requested - ASRT Fluoroscopy tool (\$625)</p> <p>Describe Plans & Activities Supported (Justification of Need): Secure funding to purchase the ASRT Fluoroscopy review tool. This plan will allow the program to enhance learning and student achievement in the subject of Fluoroscopy.</p> <p>Lead: Monique Neel</p> <p>What would success look like and</p> | <p>Reporting Year: 2018-19</p> <p>% Completed: 0</p> <p>No progress has been made on this plan. Will seek to secure funding for the tool again in 2018-2019. (05/08/2019)</p> <p>Related Documents: ASRTFluoroReviewInsVersionQuoteApril2018.pdf</p> <hr/> <p>Reporting Year: 2017-18</p> <p>% Completed: 0</p> <p>No progress has been made on this plan. Will seek to secure funding for the tool again in 2018-2019. (04/08/2018)</p> <p>Related Documents:</p> |
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| | <p>how would you measure it?: The percent of first time candidates passing the state Fluoroscopy examination will increase to a minimum 5 year average of 90%.</p> <p>The mean (average) scaled score for the Fluoroscopy exam will be at least 85</p> <p>Type of Request: INSTRUCTIONAL SUPPORT PROGRAM FUNDING (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: Medium</p> <p>Documentation Attached?: Yes</p> <p>One-Time Funding Requested (if applicable): 625</p> <p>Request - Full Funding Requested - funding for expenses: JRCERT workshop/seminar fees, flight, hotel, etc.</p> <p>Secure funding to attend JRCERT Outcomes Assessment Workshop and Accreditation Seminar. This plan will support faculty participation in professional development to strengthen the programs within the Radiologic Technology Department and student success.</p> <p>Describe Plans & Activities Supported (Justification of Need): Secure funding to attend JRCERT Outcomes Assessment Workshop and Accreditation Seminar. This plan will support faculty participation in</p> | <p>ASRTFluoroReviewInsVersionQuoteApril2018.pdf</p> <hr/> <p>Reporting Year: 2016-17</p> <p>% Completed: 0</p> <p>No progress has been made on this plan. Need to try to secure funding for the tool again in 2017-2018. (06/22/2017)</p> <p>Reporting Year: 2018-19</p> <p>% Completed: 0</p> <p>No progress has been made on this plan. Will seek to secure funding again in 2019-2020.</p> <p>During the 2016 RT Program Site Visit, the accreditation site inspectors recommended that the program continue refining our Program Assessment Plan even after the previous plan was completely revamped!</p> <p>In preparation for the program's self study due in 2020, I would like to stress how important it is that I attend a Workshop to ensure our assessment plan meets the expectation of our accrediting agency prior to the self study. I understand the workshops are extremely helpful. As Program Director, I would like to make sure that I present a program assessment plan that is effective and meets the requirements. Also, I need to make sure I maintain the program's 8 year accreditation as a result of the program's</p> |

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| | <p>professional development to strengthen the programs within the Radiologic Technology Department and student success. Lead: Monique Neel What would success look like and how would you measure it?: Program Director will present a program assessment plan for the RAD Tech program that is effective and meets the requirements of the accrediting agency with the program's self study. Program Director will maintain the program's 8 year accreditation as a result of the program's self study. Type of Request: PROFESSIONAL & ORGANIZATION DEVELOPMENT (POD): Requests that provide professional learning opportunities for Mt. SAC employees. Planning Unit Priority: Medium One-Time Funding Requested (if applicable): 2200</p> | <p>self study. (05/08/2019) Reporting Year: 2017-18 % Completed: 0 No progress has been made on this plan. Will seek to secure funding again in 2018-2019. During the 2016 RT Program Site Visit, the accreditation site inspectors recommended that the program continue refining our Program Assessment Plan even after the previous plan was completely revamped! In preparation for the program's self study due in 2020, I would like to stress how important it is that I attend a Workshop to ensure our assessment plan meets the expectation of our accrediting agency prior to the self study. I understand the workshops are extremely helpful. As Program Director, I would like to make sure that I present a program assessment plan that is effective and meets the requirements. Also, I need to make sure I maintain the program's 8 year accreditation as a result of the program's self study. (04/08/2018) Reporting Year: 2016-17 % Completed: 0 No progress has been made on this plan. Need to try to secure funding again in 2017-2018. (06/22/2017)</p> |
| | <p>Request - Full Funding Requested - Pixie Doll (\$15,000) Describe Plans & Activities Supported (Justification of Need): Secure funding to replace damaged pixie doll. Students need the phantom to achieve competency in the positioning skills required in the workplace. Lead: Monique Neel What would success look like and how would you measure it?: - The five year average program completion rate will be at least 80%.</p> | <p>Reporting Year: 2018-19 % Completed: 0 No progress has been made on this plan. Will seek to secure funding again in 2019-2020. The need to secure funding to replace damaged pixie doll is a high priority. Students need the phantom to achieve competency in the positioning skills required in the workplace. The current manikin is damaged. (05/09/2019) Related Documents: x-ray-positioning-man.pdf</p> |

Unit Goals

Resources Needed

Where We Make an Impact: Closing the Loop on Goals and Plans

- Employer survey data will indicate that at least 90% of employers "agree" or "strongly agree" that "Overall, the graduate is well prepared to function as a competent entry-level radiologic technologist" on employer surveys.

- Graduate survey data will indicate that at least 90% of graduates "agree" or "strongly agree" that "The variety of laboratory equipment (e.g. phantoms, equipment, accessories) met student's technical needs."

Type of Request: INSTRUCTIONAL SUPPORT PROGRAM FUNDING (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): 15000

Request - Full Funding Requested - Professional Experts, Certified Radiologic Technologists (\$4000/annual)

Describe Plans & Activities Supported (Justification of Need): Secure an ongoing budget line to replace funding previously provided by the Title V grant. The funding will allow us to hire professional experts who are licensed CRTs to assist students in refining their skills during open lab hours. This resource is

Reporting Year: 2018-19

% Completed: 0

No progress has been made on this plan. Will seek to secure funding again in 2019-2020.

The need to secure funding for Certified Radiologic Technologists (CRTs) to work as professional experts persists. The program needs professional experts who are qualified to run the open lab outside of class time. The professional experts are licensed CRTs who assist students in refining their skills during open lab hours. This resource is extremely valuable to our program students and has proven to increase student retention and student success. At this

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| | <p>extremely valuable to our program students and has proven to increase student retention and student success. (\$4000)</p> <p>Lead: Monique Neel</p> <p>What would success look like and how would you measure it?: The program will maintain a 5 year average program completion rate of 85%.</p> <p>The Class of 2020 survey data will indicate that at least</p> <ul style="list-style-type: none"> • 90% of the students who attended open lab report the open-lab helped them prepare for their tests. • 90% of students who attended open lab report they would have been less successful in the lab course without the open lab. <p>Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.</p> <p>Planning Unit Priority: High</p> <p>On-Going Funding Requested (if applicable): 4000</p> <p>Request - No Funding Requested - New clinical affiliations to provide clinical training opportunities in Radiologic Technology, Computed Tomography, and Mammography.</p> <p>_copy</p> <p>Describe Plans & Activities Supported (Justification of Need): Plan is to establish new clinical affiliations to provide students with the opportunity to access clinical experiences that support skill</p> | <p>time, faculty are running the open lab hours with no compensation. (05/09/2019)</p> |

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acquisition necessary to achieve competency and to succeed in the workplace.

Lead: Monique Neel

What would success look like and how would you measure it?: The program will establish affiliation agreements with new sites to secure additional clinical placement for CT, Mammography, and RT students.

Type of Request: NON INSTRUCTIONAL EQUIPMENT: Tangible property with useful life of more than one year, other than land or buildings improvements, equal and over \$500 per individual item. Used for administrative or non-instructional purposes.

Planning Unit Priority: High
Documentation Attached?: No

Cooperation and Collaboration - To improve cooperation and collaboration with the community, industry partners, other educational institutions, and the various entities across campus.

Status: Active
Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 09/01/2016