

Respiratory Care Advisory Board Meeting Minutes

Date: 05/04/2022

Time: 9:00 AM to 11:00 AM

Location: CAH 223

Attendance: Nikhil Brueggemann, Jan Burdick, Diane Fort, Kristi Holmes, Tanya McFadden, Amy Murray, Susan Pearson, Jason Ramsey, Amy Rinehart, Megan Roe, Faith Bentley

| Topic | Discussion | Action |
|-------------------------|--|--|
| Call to Order | Meeting called to order by Amy Rinehart | |
| Welcome & Introductions | Susan introduced the Dean of Health Careers and Sustainable Foods, Dr. Tanya McFadden | |
| Review of Minutes | The minutes from the Advisory Board meeting held on December 3, 2021 were approved. | Amy Rinehart moved to approve. Dr. Malin seconded. |
| College Updates | There are no updates to share | |
| CoARC Site Visit | <ul style="list-style-type: none"> Review of visit outcomes; specifics may be found in support documents. Susan spent time talking about accommodating the student concern raised of too much time during the summer to lose content-the program is looking at adding a self-directed assignment during the summer for student's engagement. It's very difficult to move | |

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| | <p>coursework around with financial aid concerns and retaining our clinical spots.</p> | |
| Clinical Updates | <ul style="list-style-type: none"> • Review of competencies, please let Megan know if there should be any additional competencies or edits. • Bronson NICU, instead of manipulating amplitude-setting a specific power to manage CO2. • Megan will be running clinical site and preceptor reports from Trajesys and get information to the sites by early June. | |
| Student and Graduate Comments | <ul style="list-style-type: none"> • Nick B. felt well prepared going into clinicals. Appreciated the instructors. Feedback from preceptors on preparation was positive. • While in clinic noticed a difference in procedure onsite vs. what was learned in lab. Perhaps moving suction from RCP 130 to RCP 100. • Suggested using different types of CPAP and BIPAP other than the V60. | <p>Megan will evaluate moving suctioning procedure in sooner in lab</p> |
| Advisory Board Date Changes | <ul style="list-style-type: none"> • The college has introduced a new policy that mandates one of the two advisory board meetings be held at TTC with other advisory boards. • The board voted to sign up for the March 3, Noon timeslot. • CoARC Program outcome data will most likely will not be ready by the March 2023 AB Meeting. • If needed, an additional Zoom advisory board meeting may be needed to discuss program outcomes. | <p>Fall 2022 meeting will be held at CAH and the Winter 2023 meeting will be held on March 3rd at TTC</p> |

| | | |
|--|---|--|
| <p>Perkins Core Performance Indicator Review</p> | <ul style="list-style-type: none"> • The specifics of this information may be found in the support documents. • Diane Fort asked if males or females are considered non-traditional. <ul style="list-style-type: none"> i. Susan isn't sure, but wondered if females were considered traditional. She will ask Dan Mondoux, KVCC's data person to clarify. • Point was made that if students were not working it is by student choice-not because there aren't positions available. | <p>Susan will work with Dan Mondoux to provide updated data.</p> |
| <p>Program Updates</p> | <ul style="list-style-type: none"> • Applicants & Current Enrollment - Amy Murray <ul style="list-style-type: none"> i. Application process remains open. Waiting on transcripts to proceed. Approximately 1/3 have dual applied to RCP and another health career program. <ul style="list-style-type: none"> 1. 39 applicants and 2 reinstatements. ii. Decision letters will go in early June. • Program Staffing Needs <ul style="list-style-type: none"> i. Struggling to get instructors. This is a problem for all healthcare related institutions. ii. Susan has petitioned for another faculty position; this would not be approved for fall, though. • New Lab Coordinator for the health programs <ul style="list-style-type: none"> i. Nayah Wiley has accepted this newly created position. She will support labs for all of the health careers. | |

| | | |
|---|---|---|
| <p>Program Outcomes</p> | <ul style="list-style-type: none"> • Worth noting: students scored low when it came to computer access on campus. Currently the CAH only has 2 computers dedicated for student use. • Graduates & job placement <ul style="list-style-type: none"> i. All employed with exception of one, not employed by choice. • Student success (board exam results) <ul style="list-style-type: none"> i. Offered outside academic support to help with the deficit created with Covid. • Draft RAM Report • Evaluation of NBRC’s TMC & CSE sub scores by Content Domain <ul style="list-style-type: none"> i. Noted that the program improved scores on item 3H from 83 to 90 and C2 from 79 to 93. Scores must be above 85. • Program Goal remains unchanged: The goal of the Respiratory Therapy Program is “To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory therapy practice as performed by registered respiratory therapists (RRTs).” Kalamazoo Valley Community College is able to meet these goals by offering the Respiratory Therapy Program as a first-professional degree program and providing the knowledge and clinical skills necessary to function as a registry-eligible respiratory therapist. | <p>Data may be found In Support Documents</p> |
| <p>Comprehensive Needs Assessment Input</p> | <ul style="list-style-type: none"> • Satisfaction with student placements • Satisfaction with skill level of graduates | |

| | | |
|-------------------|---|--|
| | <ul style="list-style-type: none"> • Are there gaps in skills that our students present? • Are there gaps in the program? • Suggestions for improving student and graduate’s success. | |
| Capital Equipment | <ul style="list-style-type: none"> • Program obtained the following equipment in the last year: <ol style="list-style-type: none"> 1. 12 Lead EKG 2. 6 -PFT Screeners 3. Blenders 4. Breath and Heart sound simulator 5. 2 Draeger V500 Ventilators 6. 3 PB 980 Ventilators 7. 3 LTV ventilators (donation) 8. 1 High Frequency Vest (Grant) 9. 1 Metaneb (grant) 10. PFT/DL_{CO} machine (donated) • 2 Respironics V-60 NIV order was cancelled by the manufacturer <ol style="list-style-type: none"> i. Feedback from the board indicated that Phillips rep will not be releasing any updates to the V60 and it will be phased out. The conclusion is that mechanical ventilation may be expedited may replace the NIV unit. ii. Bronson purchased the Hamilton T1 to replace the V60 model. iii. Borgess recently purchased many V60 models during the pandemic and they feel prepared for a while. iv. Trilogy EV300 was also suggested as a replacement for the V60. • Capital/Perkins Request 2022-23 | |

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|--|---|--|
| | <ol style="list-style-type: none"> 1. 2 Volera System (Oscillation Lung Expansion Device) 2. 1 HFCWO Vest (Mucous Clearance Device) <p>D. Recommendations from the committee</p> <ol style="list-style-type: none"> a. No recommendations | |
| Community Outreach & Recruitment Efforts | <ul style="list-style-type: none"> • Information Sessions – 2 face to face sessions on 12/6/2021 & 3/1/2022 <ol style="list-style-type: none"> i. 6 – 8 students attended each sessions. • KRESA Event May 12th <ol style="list-style-type: none"> i. Susan will attend with the help of 2 1st year students. ii. Diane Fort thanked Susan for participating in this KRESA event. | |
| Community & Affiliate Comments | <ul style="list-style-type: none"> • Updates & Contributions from the Community <ol style="list-style-type: none"> i. Kristi Holmes shared that they created a RCP related video for Battle Creek Central HS and was willing to share.. • Emerging & New Procedures, Techniques, Technology/Equipment, and medications being used in the industry - none • Employment needs and trends - none • Additional comments or recommendations <ol style="list-style-type: none"> i. Jason will teach Pharm face-to-face in the fall. | |
| Next Meeting | <ul style="list-style-type: none"> • TBD | |
| Adjournment | <ul style="list-style-type: none"> • Meeting adjourned at 10:13 AM | |



Respiratory Care Program Advisory Board Meeting

May 4, 2022

AGENDA

1. Call to Order
2. Welcome & Introductions
3. Approve 12/3/2021 minutes
4. College Updates
5. Accreditation Site Visit
6. Clinical Updates
7. Student/Graduate Comments
8. Advisory Board Date Changes
9. Perkins Core Performance
10. Program Updates
11. Program Outcomes
12. Needs Assessment
13. CAPITAL/Perkins
14. Community Outreach & Recruitment
15. What's new for...
16. Other
17. Optional Tour



RCP Advisory Board Members

▶ MD Members

- ▶ Dr. Seth Malin
- ▶ Dr. Brian Dykstra

▶ Clinical Affiliate Members

- ▶ Amy Rinehart – Chair
- ▶ Jan Burdick
- ▶ Kristi Holmes
- ▶ Nick Jenema
- ▶ Angie Johnson
- ▶ Kim Leonard
- ▶ Zaundra Lipscomb
- ▶ Maria Mast
- ▶ Christy Neve
- ▶ Jason Ramsey
- ▶ Darrell Ratliff

- ▶ Jessica Sturgill

- ▶ Scott Thomas
- ▶ Angela Worsley

▶ Community Members

- ▶ Diane Fort
- ▶ Linda McMann

▶ Student Members

- ▶ Mollie Babbitt
- ▶ Jacob Holiday
- ▶ Octavio Romero
- ▶ Nik Brueggemann

▶ Graduate Members

- ▶ Thomas Wierenga
- ▶ Theresa Devine

▶ KVCC Representatives

- ▶ Tanya McFadden
- ▶ Megan Roe
- ▶ Susan Pearson
- ▶ Ana Abendschein
- ▶ Chris Stroven
- ▶ Amy Murray

Let's get started!



- ▶ **Introductions**
- ▶ **Approve AB Minutes from December 2021**
- ▶ **College Updates - Dean**



CoARC Site Visit

- ▶ March 28 & 29th
- ▶ Summation Report Highlights:
 - ▶ No Citations
 - ▶ Recommendation for continued accreditation forwarded to CoARC Board
 - ▶ Final Decision - July.



Program Strengths (Highlights)

- ▶ Dedicated PD and DCE
 - ▶ Work hard for student success & are easily accessible
- ▶ Actively involved medical directors involved in classroom & clinical education.
- ▶ Supportive administration
- ▶ Financial resources available to the program
- ▶ Very good variety of clinical sites
- ▶ Involved graduates who work as CI's, lab instructors and tutors
- ▶ Tutoring system
- ▶ Well equipped facility and lab including simulations



PT faculty member who assists the program

Suggested Enhancements (Highlights)

- ▶ Evaluate adding an additional faculty person to alleviate the overload of the DCE
- ▶ Explore opportunities to participate in the multidisciplinary lab simulations
- ▶ Assure students are aware of the grievance policy
 - ▶ Currently policy is in student and program handbooks



Additional Comments (Highlights)

- ▶ Explore opportunities to engage more with respiratory therapy content during the summer.
 - ▶ Some students and graduates expressed the summer gap is too long.
- ▶ Continue to develop articulation agreements so students can progress to obtain bachelor and master degrees.



CLINICAL UPDATES

▶ Megan Roe



What do the students & graduates have to say?

- ▶ Mollie & Jacob – Just Graduated
- ▶ Nik & Octavio – Just finished 1st yr
- ▶ Thomas & Theresa – Graduates



Advisory Board Date Changes

- ▶ Reason: College wide advisory board meeting once/year
- ▶ Options:
 - ▶ Fall & Friday March 3rd @ 7:30 a.m. or 12:00 noon
 - ▶ Friday March 3rd & At the end of the winter semester



Perkins Core Performance Indicator

- ▶ See Handout
- ▶ Compared to data program collects:
- ▶ [2020 Graduates](#)
- ▶ Enrolled 24 Graduated 16 100% Job Placement 12 (75%) RRT



Program Updates

Program Updates

Current Enrollment

- ▶ 2nd year class: Started with 24 students – 15 students graduated
- ▶ 1st year students: Accepted 24 plus 1 reinstatement (total 25) – 21 students persisting to 2nd year.



Applicants for fall 2022

▶ Amy Murray



Program Staffing



Program Updates

Nayah Wiley– New Health Careers Lab Coordinator



Program Outcomes

Graduates & Job Placement

2021 – 20 graduates – 19 employed

2022 – 15 graduates, all have reported employment

Both Employer and Graduate surveys for the 2021 graduates rated 3 or higher on all categories.

Comments related to how difficult things were due to COVID



Program Updates

Implicit Bias Training

- ▶ KVCC provided a two hour implicit bias training in April.
 - ▶ Nursing, Dental Hygiene, and RCP 2nd year students attended.
 - ▶ One hr./year now required for MI state licensing



Program Outcomes

RAM (Student and Program Personnel Survey Results) Winter 2022

| Resource | Dean/PD Meeting | Program Personnel Responses |
|------------------|---|---|
| Financial | The budget is expected to remain stable with a possible increase for PPE. Received COVID grant money to purchase several lab items. | 13/13 (100%) AB and Faculty rated the Financial Resources as 3 or higher. |

| Resource | Student Responses | Program Personnel Responses |
|-------------------------|---|---|
| Personnel | 36/36 (100%) of students rated a 3 or higher. | 16/16 (100%) AB and Faculty rated a 3 or higher |
| Facilities | 36/36 (100%) students rated Facilities a 3 or higher | 16/16 (100%) AB and Faculty rated a 3 or higher |
| Laboratory | 36/36 (100%) of the students rated a 3 or higher | 16/16 (100%) AB and Faculty rated a 3 or higher |
| Academic Support | 36/36 (100%) of the students rated Academic Support as 3 or higher | 16/16 (100%) AB and Faculty rated the Academic Support as 3 or higher |
| Clinical | 15/15(100%) Second year students rated Clinical Resources as 3 or higher. | 16/16 (100%) AB and Faculty rated Clinical Resources as 3 or higher |



Board Exam Pass Rates: 2019 - 2021

TMC

- ▶ New Candidate 1st Attempt Program Pass %
 - ▶ TMC Low Cut Score 94.4%
 - ▶ TMC High Cut Score 77.78%
- ▶ National 1st Attempt Pass %
 - ▶ TMC Low Cut Score 77.43%
 - ▶ TMC High Cut Score 67.39%

CSE

- ▶ New Candidate Program Pass%
 - ▶ 71.11%
- ▶ National Pass %
 - ▶ 63.74%

| GRADUATION YEAR | CRT | RRT |
|-----------------|-----|-----|
| ▶ 2019 | 19 | 19 |
| ▶ 2020 | 16 | 12 |
| ▶ 2021 | 19 | 14 |



TMC Scores by Content Area – New Candidates

3 Year Period: 1/1/2018 -12/31/2020 (top row) 1/1/2019 – 12/31/2021 (Bottom Row)

| | IA | IB | IC | ID | IE | I _{tot} | 2A | 2B | 2C | 2 _{tot} | 3A | 3B | 3C | 3D | 3E | 3F | 3G | 3H | 3I | 3 _{tot} |
|---|----|-----|----|-----|-----|------------------|-----|-----|-----|------------------|-----|----|-----|-----|-----|----|-----|----|-----|------------------|
| % | 95 | 105 | 99 | 101 | 99 | 100 | 109 | 107 | 105 | 108 | 114 | 95 | 112 | 103 | 113 | 95 | 110 | 83 | 100 | 106 |
| | IA | IB | IC | ID | IE | I _{tot} | 2A | 2B | 2C | 2 _{tot} | 3A | 3B | 3C | 3D | 3E | 3F | 3G | 3H | 3I | 3 _{tot} |
| % | 91 | 111 | 98 | 99 | 101 | 101 | 108 | 113 | 119 | 110 | 114 | 95 | 114 | 108 | 113 | 91 | 114 | 90 | 104 | 107 |

H. Assist a Physician / Provider in Performing Procedures

1. Intubation
2. Bronchoscopy
3. Specialized bronchoscopy, for example, • endobronchial ultrasound (EBUS) • navigational bronchoscopy (ENB)
4. Thoracentesis
5. Tracheotomy
6. Chest tube insertion
7. Insertion of arterial or venous catheters
8. Moderate (conscious) sedation
9. Cardioversion
10. Withdrawal of life support



CSE BY CONTENT AND SECTION TYPES

New Candidates

- ▶ 3 Year Period: 1/1/2018 -12/31/2020 Top row
- ▶ 1/1/2019 – 12/31/2021 Bottom row

| | IG | DM |
|---|-----|-----|
| % | 100 | 105 |
| | 99 | 106 |

| | IA | IB | IC | ID | IE | I _{tot} | 2A | 2B | 2 _{tot} | 3A | 3B | 3C | 3D | 3E | 3F | 3G | 3H | 3I | 3 _{tot} |
|---|-----|-----|-----|----|-----|------------------|-----|----|------------------|-----|-----|-----|----|-----|-----|-----|-----|----|------------------|
| % | 101 | 100 | 97 | 90 | 99 | 101 | 104 | 87 | 103 | 110 | 95 | 104 | 94 | 105 | 100 | 110 | 288 | 99 | 112 |
| | 102 | 100 | 100 | 89 | 101 | 100 | 103 | 92 | 103 | 104 | 105 | 111 | 94 | 110 | 118 | 110 | 178 | 99 | 114 |

II. TROUBLESHOOTING AND QUALITY CONTROL OF EQUIPMENT, AND INFECTION CONTROL

B. Ensure Infection Prevention

1. Adhering to infection prevention policies and procedures, for example, • Standard Precautions • donning/doffing • isolation
2. Adhering to disinfection policies and procedures
3. Proper handling of biohazardous materials

III. INITIATION AND MODIFICATION OF INTERVENTIONS

H. Assist a Physician / Provider in Performing Procedures



CSE By Problem Type – New Candidates

3 Year Period: 1/1/2018 -12/31/2020 top row

1/1/2019 – 12/31-2021 Bottom row

| | A1 | A2 | A3 | A4 | A5 | B | C1 | C2 | D | E1 | E2 | E3 | E4 | F1 | F2 | G1 | G2 |
|---|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| % | 109 | 99 | 106 | 104 | 97 | 101 | 108 | 79 | 99 | 103 | 100 | 115 | 100 | 101 | 101 | 114 | 98 |
| | 114 | 101 | 97 | 104 | 102 | 99 | 111 | 93 | 99 | 109 | 108 | 108 | 103 | 104 | 106 | 126 | 100 |

C. Adult Cardiovascular

1. Heart failure

2. **Other** -for example, arrhythmia, pulmonary hypertension, myocardial ischemia / infarction, pulmonary embolism



Program Goal

- ▶ Review Stated CoARC Goal
- ▶ The goal of the Respiratory Therapy Program is “To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory therapy practice as performed by registered respiratory therapists (RRTs).” Kalamazoo Valley Community College is able to meet these goals by offering the Respiratory Therapy Program as a first-professional degree program and providing the knowledge and clinical skills necessary to function as a registry-eligible respiratory therapist



Comprehensive Needs Assessment

Perkins Data

Comprehensive Needs Assessment

- ▶ Satisfaction with student placements
- ▶ Satisfaction with skill level of graduates
- ▶ Are there gaps in skills that our students present?
- ▶ Are there gaps in the program?
- ▶ Suggestions for improving student and graduate's success.



Equipment & Community Outreach

Equipment

- ▶ A. New Equipment - See list in agenda
- ▶ B. V-60 order cancelled
- ▶ C. Capital/Perkins Request 2022-23
 - ▶ 2 Volera System (Oscillation Lung Expansion Device)
 - ▶ 1 HFCWO Vest (Mucous Clearance Device)
- ▶ D. Recommendations from the committee



Community Outreach

- ▶ Information Sessions – 2 face to face sessions on 12/6/2021 & 3/1/2022
- ▶ KRESA Event May 12th



What's new for....

- ▶ Clinical Practice?
- ▶ Updates from the Community?
- ▶ Other?



Additional Comments?

Who wants a tour?



Next meeting:

