2012 Report of Current Status for an Education Program

Respiratory Therapy - Advanced Level
at Ohlone College
CoARC Program Reference: 200289

Annual Report submitted by on
Sponsoring Institution and Personnel

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Institution Type: Community College or Junior College

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Affiliates

Alameda County Medical Center - Clinical Affiliate - Oakland, California
Alta Bates Summit Medical Center - Clinical Affiliate - Oakland, California
Children's Hospital Medical Center - Clinical Affiliate - Oakland, California
St. Rose Hospital - Clinical Affiliate - Hayward, California
Kaiser Permanente Medical Center Hayward Campus - Clinical Affiliate - Hayward, California
Washington Hospital - Clinical Affiliate - Fremont, California
Lucille Salter Packard Children's Hospital at Stanford - Clinical Affiliate - Palo Alto, California
Kaiser Permanente Medical Center Fremont Campus - Clinical Affiliate - Fremont, California
Eden Medical Center - Clinical Affiliate - Castro Valley, California
Valley Care Hospital - Clinical Affiliate - Pleasanton, California
Kaiser Permanente Medical Center Walnut Creek Campus - Clinical Affiliate - Walnut Creek, California
Kaiser Permanente Medical Center Vallejo Campus - Clinical Affiliate - Vallejo, California
John Muir Medical Center - Clinical Affiliate - Walnut Creek, California
Kaiser Permanente Medical Center Oakland Campus - Clinical Affiliate - Oakland, California
Regional Medical Center - Clinical Affiliate - San Jose, California
John Muir Medical Center - Clinical Affiliate - Concord, California
Alta Bates Medical Center - Clinical Affiliate - Berkeley, California
## Current Program Statistics

CoARC Reference: 200289

Program Enrollment and Attrition Table with Current and Past Five Years' Data (if available):

<table>
<thead>
<tr>
<th>Enrollment Year</th>
<th>Enrollment Date</th>
<th>Graduation Date</th>
<th>Estimated Number of Applicants</th>
<th>Maximum Number of Students</th>
<th>Number Initially Enrolled</th>
<th>Number Enrolled After Class Start</th>
<th>Total Enrollment Number</th>
<th>'In Progress' To-Date</th>
<th>Non-Academic Attrition</th>
<th>Academic Attrition</th>
<th>Total Attrition</th>
<th>Percent Attrition</th>
<th># Grads to Date</th>
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<td>1</td>
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## Graduates by Enrollment Cohort

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<tr>
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<td>05/25/2006</td>
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<td>12</td>
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<td>18</td>
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<td>2008</td>
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</table>
Outcomes

Evaluation System: NBRC CRT Credentialing
Cut Score: 80 %
Analysis: All graduates have passed CRT exam in last 3 years.
Action: None required at this time.

Evaluation System: NBRC RRT Credentialing
Cut Score: N/A
Comments: Our graduates are consistent in passing the RRT exams.

Evaluation System: Attrition/Retention
Analysis: Attrition has been very low, and retention very high in this past year. The only student to drop out was due to family medical reasons.
Action: None required. Currently under attrition threshold.

Evaluation System: Positive Placement
Analysis: Graduates have generally been able to find employment within a year after graduation over the past 3 years. This has become increasingly difficult with the number of graduates coming from (new) private schools in the area flooding the market. Meeting this threshold will be increasingly difficult if this trend continues.
Action: None required. Currently above threshold. Request review of Private Schools mandate with CoARC to verify appropriate number of graduates is not exceeding job market requirements in our area.

Evaluation System: Overall Employer Satisfaction
Cut Score: 80 %
Analysis: Employers are very satisfied with graduates of this program.
Action: None Required at this time. Currently above threshold.

Evaluation System: Overall Graduate Satisfaction
Cut Score: 80 %
Analysis: Graduates are very satisfied with this program. Response rate to "graduate survey" was very high this year (2012) and indicates general satisfaction with the program and profession.
Action: None required at this time.

Evaluation System: On-Time Graduation Rate
Analysis: On-time graduation rate is excellent at the current time.
Action: None required.
### Outcomes Summary

<table>
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<td>18</td>
<td>25</td>
<td>30</td>
<td>16</td>
<td>13</td>
<td>12</td>
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<td>20</td>
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<td>24</td>
<td>23</td>
<td>31</td>
<td>23</td>
<td>22</td>
<td>200</td>
</tr>
</tbody>
</table>

**Threshold**

- **Attrition †**
  - 2012: N/A
  - 2011: 4.5%
  - 2010: 0.0%
  - 2009: 15.0%
  - 2008: 0.0%
  - 2007: 0.0%
  - 2006: 8.3%
  - 2005: 0.0%
  - 2004: 17.4%
  - 2003: 18.2%
  - Current period year ave. 2011-2009: 6.6%
  - Last period year ave. 2010-2008: 5.5%
  - Previous period year ave. 2009-2007: 8.3%

- **Positive Placement**
  - 2012: 100.0%
  - 2011: 83.3%
  - 2010: 100.0%
  - 2009: 76.7%
  - 2008: 93.8%
  - 2007: 100.0%
  - 2006: 83.3%
  - 2005: 100.0%
  - 2004: 76.9%
  - 2003: N/A
  - Current period year ave. 2011-2009: 95.9%
  - Last period year ave. 2010-2008: 90.3%
  - Previous period year ave. 2009-2007: 82.2%

- **CRT Credentialing Success**
  - 2012: 100.0%
  - 2011: 100.0%
  - 2010: 100.0%
  - 2009: 100.0%
  - 2008: 100.0%
  - 2007: 100.0%
  - 2006: 76.7%
  - 2005: 100.0%
  - 2004: N/A
  - 2003: N/A
  - Current period year ave. 2011-2009: 100.0%
  - Last period year ave. 2010-2008: 100.0%
  - Previous period year ave. 2009-2007: 90.4%

- **RRT Credentialing Success**
  - 2012: 4.8%
  - 2011: 100.0%
  - 2010: 100.0%
  - 2009: 100.0%
  - 2008: 100.0%
  - 2007: 53.3%
  - 2006: 100.0%
  - 2005: 83.3%
  - 2004: 100.0%
  - 2003: N/A
  - Current period year ave. 2011-2009: 83.3%
  - Last period year ave. 2010-2008: 76.7%
  - Previous period year ave. 2009-2007: 69.2%

- **Overall Employer Satisfaction**
  - 2012: N/A
  - 2011: 87.5%
  - 2010: 100.0%
  - 2009: 90.0%
  - 2008: 100.0%
  - 2007: N/A
  - 2006: N/A
  - 2005: N/A
  - 2004: N/A
  - 2003: 80
  - Current period year ave. 2011-2009: 93.3%
  - Last period year ave. 2010-2008: 97.4%
  - Previous period year ave. 2009-2007: 96.3%

- **Overall Graduate Satisfaction**
  - 2012: N/A
  - 2011: 100.0%
  - 2010: 100.0%
  - 2009: 100.0%
  - 2008: N/A
  - 2007: N/A
  - 2006: N/A
  - 2005: N/A
  - 2004: 80
  - 2003: N/A
  - Current period year ave. 2011-2009: 100.0%
  - Last period year ave. 2010-2008: 100.0%
  - Previous period year ave. 2009-2007: 100.0%

- **On-Time Graduation Rate**
  - 2012: 100.0%
  - 2011: 75.0%
  - 2010: 100.0%
  - 2009: 85.7%
  - 2008: 108.7%
  - 2007: 87.1%
  - 2006: 63.2%
  - 2005: 66.7%
  - 2004: 92.3%
  - 2003: N/A
  - 2002: N/A
  - Current period year ave. 2011-2009: 86.8%
  - Last period year ave. 2010-2008: 98.3%
  - Previous period year ave. 2009-2007: 93.3%

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† - This row is based on enrollment date, not graduation date.

‡ - The threshold for this item is reversed. Below 40% meets the Threshold.

Note: Any missing data is marked as N/A.
## RAM Summary

<table>
<thead>
<tr>
<th>Purpose(s)</th>
<th>Measurement System</th>
<th>Date(s) of Measurement</th>
<th>Results and Analysis</th>
<th>Action Plan and Follow-Up/Reassessment</th>
</tr>
</thead>
</table>
| **Personnel Resources** | To ensure the program has sufficient number of effective laboratory, classroom, and clinical instructors. (2.02/2.15/2.16) | 1) Personnel Resource Surveys  
2) Student Resource Surveys | Personnel Resource Surveys, October, 2011 (12)  
2) Student Resource Surveys, May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students) | Personnel Resource Surveys - All Personnel completing the Survey (12) rated faculty above cut score of "3" on a 1-5 Likert Scale.  
Student Resource Surveys - 42 Students completing the survey rated faculty at or above the cut score of "3" on a 1-5 Likert Scale. 1 student rated faculty at a "2" on a 1-5 Likert Scale. | Results are acceptable; continue to monitor during next survey cycle. |
| **Facilities** | To provide adequate classroom, laboratory and accommodations to ensure effective instruction. (2.01) | 1) Personnel Resource Surveys  
2) Student Resource Surveys | Personnel Resource Survey - October, 2011 (12)  
2) Student Resource Surveys, May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students) | Personnel Resource Surveys (12) all indicate that school facilities are excellent for both faculty and students. All surveys rated facilities higher than cut score of "3" on a Likert scale of 1-5. Surveys indicate that facilities exceed expectations as they are less than 4 years old.  
Student Resource Surveys (43) all indicate that students are very enthusiastic about learning environment at Ohlone College. All survey scores were at or above "3" on a 1-5 Likert scale for facilities. | No specific action plan at the present time. |
| **Laboratory Equipment & Supplies** | To provide students with the equipment and exercises that will adequately prepare them for clinical practice. (2.01) | 1) Personnel Resource Surveys  
2) Student Resource Surveys | Personnel Resource Survey - October, 2011 (12)  
2) Student Resource Surveys, May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students) | All Personnel Resource Surveys (12) indicate that program personnel are still satisfied with the scope and quality of the RT Equipment and Supplies in the college laboratory. Most of the equipment is new since the opening of the new facility in 2008. All surveys rate lab equipment and supplies greater than a cut score of "3" on a 1-5 Likert scale.  
Student Resource Surveys (42) indicate that students are satisfied with the equipment and supplies in the RT laboratory. Some students indicate having to wait for check-offs on certain pieces of equipment during the lab period, all but 1 students ratings were at or above cut score of "3" on a 1-5 Likert scale. One student rated the equipment as a "2" on a 1-5 Likert scale. | No specific action plan at the present time; will continue to monitor with next survey cycle. Additional equipment submitted for replacement when found to be outdated or broken. |
| **Learning Resources** | To support student needs for supplemental reading, electronic and print reference materials, and research and computer resources. (2.01) | 1) Personnel Resource Surveys  
2) Student Resource Surveys | Personnel Resource Survey participants (11) indicate ratings above "3" on Likert scale of 1-5. Learning Resource Center at college is available to assist students 5 out of 7 days per week. College budget constraints do not permit it to be open during additional hours. One participant chose N/A for this section. | Personnel Resource Survey participants (11) indicate ratings above "3" on Likert scale of 1-5. Learning Resource Center at college is available to assist students 5 out of 7 days per week. College budget constraints do not permit it to be open during additional hours. One participant chose N/A for this section. | No specific action plan is indicated at the present time; continue to monitor availability of resources for students practicing clinical simulations on computers in Learning Resource Center in Fall, 2012 (Program Director) Additionally purchase of online access to practice exams/student simulation software for use off campus was initiated in Spring |
Student Resource Surveys (42) all indicate ratings of "3" or above on a 1-5 Likert scale. Program Director has a key and can make computers available to RT students specifically in the resource center. One student marked this section N/A.

2012 for graduating students.

Instructional/Program Support Resources

To provide student instructional support and other academic support for the program. To provide administrative, clerical support for the program.

(2.02/2.17)

1) Personnel Resource Surveys
2) Student Resource Surveys

Student Resource Surveys, October, 2011 (12)
2) Student Resource Surveys, May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students)

All program personnel completing "Personnel Resource Survey" (12) rated support personnel above cut score of "3" on a 1-5 Likert Scale. It was noted that since the Accreditation Site Visit in May, 2010, the lab support personnel has been increased and this has been much more satisfactory to both faculty and students.

No specific action plan at this time.

Clinical Resources

To provide a sufficient variety of tasks and procedures for instruction to allow for student mastery of the program's required clinical competencies.

(2.01)

1) Personnel Resource Surveys
2) Student Resource Surveys

Personnel completing Resource Survey item (9/12) rated Medical Director greater than "3" on a Likert scale of 1-5. Some survey participants do not witness medical director teaching students and omitted rating due to lack of familiarity. Three participants chose N/A for this section.

No specific plan at the present time; continue to monitor.

Medical Director

To provide effective medical direction/administration for the program to insure that current standards of medical practice are met.

(2.14)

1) Personnel Resource Surveys
2) Student Resource Surveys

Personnel completing Resource Survey item (9/12) rated Medical Director greater than "3" on a Likert scale of 1-5. Some survey participants do not witness medical director teaching students and omitted rating due to lack of familiarity. Three participants chose N/A for this section.

Met with Medical Director to enlist new physicians willing to take students for one on one experience rotations.

Physician Interaction

To ensure that program graduates can communicate and work effectively with physicians in a confident and professional manner.

1) Personnel Resource Surveys
2) Student Resource Surveys

Personnel completing survey (11) rate physician instructional input at or above cut score of "3" on a 1-5 Likert Scale.
| Financial Resources | To provide adequate fiscal support for the retention of personnel and the acquisition and maintenance of equipment and supplies. (2.01) | 1) Annual Administrative Budget Review  
2) Personnel Resource Surveys | 1) January - February (2012) and each year for Budget Review  
2) Personnel Resource Survey in October 2011 (12) | Budget for personnel and operating expenses has been stable and adequate. Additional grant funds were utilized to provide additional instructional assistance in lab for 2011-2012 school year; this is projected to continue as long as funds are available. Program Personnel Resource Survey indicates that not all participants feel their knowledge of budget is adequate. (11/12) completed the item with cut score of “3” or greater on Likert scale of 1-5 the remaining participants chose N/A. | No additional action plan is needed at the current time; continue to monitor with subsequent report years. |

Students completing survey, 41 rate physician instructional input at or above cut score of “3” on a 1-5 scale. Some students commented that this year it was particularly difficult to set-up the required “physician rotation” experience in the last semester. They felt the list of physicians needs to be updated. One student rated this section at a “2” and one rated it as a “1”. These students felt that physician access in the clinical setting was minimal.

Encourage clinical instructors to advocate for physician interaction with students while in the clinical setting. All students have been successful in meeting their physician contact requirement although some found it difficult at specific facilities. | professional manner. (2.14) | May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students) | scale. One participant chose N/A for this section. Students completing survey, 41 rate physician instructional input at or above cut score of “3” on a 1-5 scale. Some students commented that this year it was particularly difficult to set-up the required “physician rotation” experience in the last semester. They felt the list of physicians needs to be updated. One student rated this section at a “2” and one rated it as a “1”. These students felt that physician access in the clinical setting was minimal. | professional manner. (2.14) | May, 2012 (21 - 2nd year students), and June 2012 (22 - 1st year students) | scale. One participant chose N/A for this section. Students completing survey, 41 rate physician instructional input at or above cut score of “3” on a 1-5 scale. Some students commented that this year it was particularly difficult to set-up the required “physician rotation” experience in the last semester. They felt the list of physicians needs to be updated. One student rated this section at a “2” and one rated it as a “1”. These students felt that physician access in the clinical setting was minimal. |