Department Annual Report

2012-2013

[Dental Auxiliary Programs ]

[Dental Hygiene]

[Plan Code]

Document Prepared By: Eve Sidney

[May 3, 2013 ]
Department Information

**Current year goals**

List 2012-2013 goals here:

1. Curriculum Clean Up—now that the revised curriculum cycle has been completed; there are a few items that need to be revised and modified. During our off campus retreat on 6/7/12 faculty will identify the changes that need to be made and initiate through the CARP and curriculum revision process.

2. Complete process to put DXX115 online

3. Add DXX115 (Introduction to Dentistry) as an optional prerequisite course

**Goals 1, 2, 3 go together as part of curriculum clean up. At our meeting on 5/2/13, the following decisions were made regarding DXX115**

- **Offer online section summer 2014**
- **DA and DH students will be in the same section (currently DA and DH students take separate classes do to time constraints)**
- **Sidney and Schultz are currently working on revising the CARP for DXX115. CARP revision will be completed by 6/28/13.**
- **DXX115 can be taken prior to starting the program or the first semester (fall) of dental assisting of dental hygiene.**

4. Develop infection control videos/quizzes for clinical and lab course

**Goal 4-One infection control video was completed during fall semester, a second video was scripted and Dr. Quillan is working with media to record the second video during summer session.**

5. The programs need one person to coordinate infection control. We received a recommendation for infection control violations during the CODA site visit. A PERKINS request has been made for 2012-2013 to initiate this process.

**Goal 5-the department submitted a budget request for a part time Infection Control Officer, the position was denied. The College did offer the opportunity for EOL (summer 1 hour) and fall and winter semester.**

6. The format for the annual infection control update meeting will totally change for fall 2012-2013 based on CODA recommendations during our ADA site visit. Each clinic and lab course instructor has been asked to list all infection control related issues associated with their course. Updates will be tailored to individual course infection control needs. In addition, a Perkins request to fund videos for each of the updates has been made. Each infection control update for a course will have a corresponding video and quiz. In the event of an infection control violation by a faculty, student or staff will required to review the video and complete the quiz.
Goal 6: The Infection Control Committee is scheduled to meet on May 22\textsuperscript{nd} to plan the annual fall Infection Control update workshop. We plan to integrate the infection control video recorded by Dr. Quillan into the session.

[Enter goals from this year. Address this question: Were the department goals for this year successfully met? What were the challenges that you experienced in meeting your goals and suggestions for solutions in the future?]

Goals for 2013-2014
1. Develop an annual master calendar with due dates for each of the monitoring mechanisms on the Dental Hygiene Assessment Plan
2. Implement calendar due dates and evaluate monitoring mechanisms.
3. Review and Update Quality Assessment Plan Each Semester and modify as needed.
4. Complete and review Chart Audits (DHY 129, 139, 249 259) Process (standard 6) and implement changes as needed.
5. Implementing Infection Control Videos
6. Develop Infection Control Update Training Session
7. Initiate Infection Control EOL
8. Modify Excel spread sheet that will be utilized to input student performance scores in clinic courses on a tablet/IPad.

Internal collaborations and partnerships
[Describe any existing internal collaborations and partnerships, in which the department (or programs within the department) are engaged or pursuing]  NA

External collaborations and partnerships

Senior Dental Day, December 14, 2012-
Approximately 101 volunteers were involved, including dentists, hygienists and dental assistants. GRCC is partnering with Senior Neighbors, Area Agency on Aging of Western Michigan Care Management, United Methodist Community House, the Association for the Blind and Visually Impaired, and Native American Family Services to hold this event.

Students, faculty and staff in Grand Rapids Community College’s Dental Programs are teamed up with Senior Neighbors, Area Agency on Aging of Western Michigan Care Management, United Methodist Community House, the Association for the Blind and Visually Impaired, and Native American Family Services to provide a free day of preventative dental care for senior citizens on December 14.

The Area Agency on Aging for Western Michigan identified 45 low-income seniors who need dental work but have no regular access to it. Dentists pre-screened the seniors to make sure that preexisting medical conditions were taken into consideration before the patients undergo preventative services. Throughout the day, the dentists will identify seniors who need further dental care, which will be provided at a later date by Cherry Street Health Services and other community dental partners.

Departmental needs for support from other departments within the college
[Describe any needs this department has for support from other departments within the college.]

Program accreditation Updates
In the March 3, 2013 correspondence letter from the American Dental Associations Commission on Dental Accreditation, the commission granted the dental hygiene program the accreditation status of “approval without reporting requirements.” Our next accreditation site visit will be in 2019.

Description of departmental advising plan and outcomes
The Program Director conducted monthly open advising sessions for potential future and current GRCC students. Nine open advising session dates were posted on the dental programs website early September of 2012. The majority of attendees were not GRCC students, which was a bit of a surprise to us! The open sessions worked well, our department plans to schedule advising sessions for 2013-2014 using the same model.

Updates About Student Organizations and Achievements
2012-2013 goal 6. Was to identify a Co-SADHA advisor (from the RDH community) to partner with a dental hygiene faculty member to increase opportunities for involvement in the professional dental hygiene organizations (MDHA, ADHA). Shanua Pressler volunteered to assist with SADHA. The organization remained inactive. This was not the fault of Shauna, It just didn’t happen this year.

Other department updates
Hours too numerous to mention have been spent exploring ways to make up clinic time during summer 2014-the summer the dental clinic will be remodeled. The first year dental hygiene class is the only class that the clinic remodel will affect. It was determined that summer clinic hours would be redistributed during winter 2014 and fall 2014. Faculty base loads for winter 2014 and fall 2014 will be different as a result of not holding clinics during summer 2014. Summer 2014 all lecture courses associated with summer session and a fall 2014 lecture course will be added to summer session to distribute the load. Faculty are making the necessary CARP changes to courses that either changed the semester it would be offered or for courses that will be split in two courses and offered over winter 2014 and fall 2014. Financial aid has been consulted as credit hour and contact hours will not be the same for 2013 2014 first year dental hygiene students.

Faculty & Staff
Departmental Professional Development Activities (Contractual Obligations for Departmental Faculty Development/6 hours)

Full time faculty met the first Friday of each month from 11:50-12:50 (excluding March 1, the meeting was held on March 15, 2013 and held a three hour meeting on November 20, 2013. An adjunct faculty meeting schedule for 2013-2014 was developed and provided to all full time and adjunct faculty at the August 23, 2012 meeting. Full time faculty also attended the published meetings. It was my intent that if would help adjunct faculty better plan their schedules if they knew the required meeting schedule for the entire academic year.

During the academic year the dental hygiene full time and adjunct faculty met on the following dates:

**August 23, 2012**- Topics included: introduce new treatment plan form and new patient experience forms for the child, adolescent, adult, geriatric and periodontal classifications 1-4 that meet the commission on dental accreditation criteria (2 hour meeting)

**September 13, 2012**- Topics included: revised infection control standards for the dental clinic, bite-wing radiograph calibration activity, treatment plan activity, feedback on patient experience forms (2 ½ hour meeting)

**January 9, 2013**- Topics included: Introduce competency forms and application activity, Excel grading process, mentor assignments for winter semester (1 ½ hour meeting)

**March 14, 2013**- Topics included: clinic remediation/mentoring ideas and discussion, updates to the treatment plan form and process, protocol for screening clinic patients (2 hour meeting)

Faculty Professional Development Activities- Year End Summary

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Professional Development Activities</th>
<th>How the work affected work within the dept.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eve Sidney</td>
<td>Attend ADEA Annual Directors Conference in June</td>
<td>The conference is not until June, so not able to report out at this time.</td>
</tr>
<tr>
<td>Julie Bera</td>
<td>Attend Academy of General Dentistry’s Annual Conference</td>
<td>The conference is not until June, so not able to report out at this time.</td>
</tr>
<tr>
<td>Jean Verwys</td>
<td>Attend the Organization for Safety, Asepsis and Prevention (OSAP) Annual Session in June 2013</td>
<td>The conference is not until June, so not able to report out at this time.</td>
</tr>
</tbody>
</table>

[Professional development in which individual faculty and staff participated this year. Identify those that are specifically related to curriculum development or improvement. Please indicate how the professional development activities affected the work within the department, include Perkins funded professional development.]

Faculty Development Plans for Upcoming Year

[Please identify any department specific faculty professional development to which you would like faculty within the department to have access in the upcoming academic year.]

A workshop on how to deliver constructive feedback to a student while delivering dental hygiene care on a patient.
### EOL/Release Time Work

<table>
<thead>
<tr>
<th>EOL Release Activity</th>
<th>Faculty</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Assisting Supervisor</td>
<td>Julie Bera</td>
<td>During 2013-2013 Chris and I plan to review the job description for the Dental Assisting Supervisor.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EOL Release Activity</th>
<th>Faculty</th>
<th>Activity</th>
</tr>
</thead>
</table>
| 2nd Yr Dental Hygiene Clinic Course Coordinator | Christine Dobberstein | • Accomplishments include: implementation of several accreditation standards criterion: treatment plan, competencies for child, adult, health, periodontal class 1-4 and the geriatric patient.  
• Finally making changes in preclinical and clinic course competencies to include evaluation systems that will require specific competencies for each pre-clinic and clinic course.  
• Release time has allowed coordination of clinic activities, clinic calendars and faculty calibration. Chris works with me to develop full time and adjunct faculty calibration and educational methodology meetings (one in the fall and one in the winter semester)  
• During 2013-2013 Chris and I plan to review the job description for the 2nd year dental hygiene clinic course coordinator position.  
• Summer and fall semesters Eve will meet with Chris to help transition of process and responsibilities of writing, printing and maintaining the Excel spreadsheets (our current method to track clinic requirements and performances levels) for second year clinical courses. Data from the spread sheets will be included in our annual quality assurance outcomes assessment review.  
• During 2013-2013 Chris and I plan to review the job description for the 2nd Yr Dental Hygiene Clinic Course Coordinator. |

### PERKINS

<table>
<thead>
<tr>
<th>PERKINS</th>
<th>Faculty</th>
<th>Activity</th>
<th>Program Impact of Work</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Julie Quillan</td>
<td>Develop 6-10 videos) for each clinical and</td>
<td>• The goal was a bit too high considering the amount of work that goes into developing one</td>
</tr>
</tbody>
</table>
Develop quizzes to accompany videos. The main infection control video on how to set up a unit and break it down did get completed.

- Plans to complete a second video are in the works during May-June.
- The infection control committee will determine how to use the video as part of the fall Infection Control Update meeting scheduled on 9/13/13.
- Since the clinic will be remodeled summer of 2014, we don’t think it is a good idea to develop videos in our clinic when the layout and some of the processes will change.

**PERKINS Faculty Activity**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jean Verwys</td>
<td>The major work completed revolved around developing the sterilization area for the new clinic. Numerous meetings and hours of research were completed to arrive at the decisions the department made. One such decision to go with bottled water verses city water was a substantial money savings. Jean will complete additional infection control work during summer 2013.</td>
</tr>
</tbody>
</table>

[Documentation of the work accomplished through EOL/Release time in the department this year. For work associated with Perkins programs, please indicate and describe how the EOL/Release time is associated with the programs and their outcomes within the department. Please indicate how the professional development activities affected the work within the department.]

**Faculty & Staff Accomplishments/Awards**

Grand Rapids Community College's 2013 Armen Awards. The first prize recipient for this award was the Community Dental Health course and the Salvation Army-Booth Family Services. Nancy Kyser and Kaley Sherwood(second year dental hygiene students) assisted by faculty member Debra Schultz provided oral hygiene education to pregnant teens and teen mothers. The first prize award was $3000.00.

Eve Sidney passed all three components of the Dental Assisting National Board Examination and now holds the credential of a CDA (Certified Dental Assistant). The CDA must be renewed on 4/24/2014. Twelve hours of continuing education is required to renew the CDA annually.
Julie Bera continues to serve on the Michigan State Board of Dentistry representing dental assisting.
At the April 19, 2013 Michigan Dental Assisting Association, Julie Bera received the MaraLee Albrecht Impact Award. The MaraLee Albrecht award was named in honor of MaraLee MDAA Honorary Member and a very active member of MDAA. It is awarded to the member who has either contributed toward legislative pursuits and/or made educational presentation in the dental field. “Julie has represented all dental assistants in the State by providing her expertise and comments as a Board of Dentistry Member.”

Christine Dobberstein was appointed section chair for the Clinic Coordinators at the spring 2013 ADEA meeting.

[Documentation of the faculty and staff accomplishments, awards, innovations and presentations, including the name, date, and location related to conference presentations. For work associated with Perkins programs, please indicate how the accomplishments, awards, and presentations are associated with the programs within the department]

Program Data- Perkins Indicators

5P2: Student Participation in Nontraditional Fields
The composition of dental hygiene graduates continue to be dominated by women. Every few years we have a male graduate.

2P1: Credential, Certificate, or Degree Attainment
One hundred percent of the dental hygiene graduates earned the Associate in Applied Arts and Sciences for the year 2012.

5P1: Student Completion in Nontraditional Fields
[Summarize the data trends for all programs in the department.]

4P1: Student Placement
Based on the report generated by IRP, the program has 100% in this category.

3P1: Student Retention and Transfer
Based on the report generated by IRP, the program has 96.88% in this category.

1P1: Technical Skills Attainment
100% of the students that graduated spring of 2012 passed all credentialing examinations by August 2012.

Summary
Variation from year to year is experienced in each of the categories that make up the Core Indicators for PERKINS. For example next year 5P1 and 5P2 will have a higher percentage in
each category because we have two male dental hygiene students in the first year of the dental hygiene program.

It was suggested at our spring advisory board meeting that we explore the option of a job opportunity section on the dental programs website. A “want ads” so to speak on our website.

Curriculum

Course Improvement Projects

The CARPs listed for revision include all of the preclinical and clinical dental hygiene courses. Preclinical and clinic faculty have met several times throughout the year to realign competencies and content. CARP revisions will reflect recommended changes. [Please identify any course improvement projects that you worked on this year and provide a brief description of why the project was selected, the progress made to date, and the expected outcomes of this work.]

Program Improvement Projects

Course Document (CARP) Updates completed this year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXX104</td>
<td>Infection Control in Dentistry</td>
<td>Sidney</td>
</tr>
<tr>
<td>DXX115</td>
<td>Introduction to Dentistry</td>
<td>Schultz</td>
</tr>
<tr>
<td>DHY242</td>
<td>Advanced Instrumentation and Treatment Modalities</td>
<td>Dobberstein</td>
</tr>
<tr>
<td>DHY126</td>
<td>Periodontology 1</td>
<td>Dobberstein</td>
</tr>
<tr>
<td>DHY136</td>
<td>Periodontology 2</td>
<td>Dobberstein</td>
</tr>
<tr>
<td>DHY119</td>
<td>Pre-Clinical 1</td>
<td>Kooistra</td>
</tr>
<tr>
<td>DHY129</td>
<td>PRe-Clinical 2</td>
<td>Kooistra</td>
</tr>
<tr>
<td>DHY139</td>
<td>Clinical Dental Hygiene 1</td>
<td>Dobberstein</td>
</tr>
<tr>
<td>DHY249</td>
<td>Clinical Dental Hygiene 2</td>
<td>Dobberstein</td>
</tr>
<tr>
<td>DHY259</td>
<td>Clinical Dental Hygiene 3</td>
<td>Dobberstein</td>
</tr>
</tbody>
</table>

The revision process for dental hygiene CARPs will be completed by June 28, 2013.

Assessment of Student Learning
Please answer the questions below for each assessment project that you are working on this year. If you have more than one project, simply cut and paste the headers for each section below, in order to create a report for each.

Program Learning Outcome(s) assessed this year
Students will pass the Northeast Regional Board Examination (NERB).

Measures of Student Learning
[Please list the measures of student learning that were used this year (student work/measurement instrument)]

Initial Data and Findings  board results

<table>
<thead>
<tr>
<th>Year</th>
<th># of GRCC grads taking Licensure Exam</th>
<th># of GRCC grads passing Clinical Licensure Exam</th>
<th>GRCC Percent Passing</th>
<th>National Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>30</td>
<td>26(1st attempt)</td>
<td>86.6</td>
<td>87.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 (2nd attempt)</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

[Summarize the data and findings from the measurement of student learning. Add the detailed data to the appendices]

Curricular or Pedagogical Changes Implemented- what we plan to do
Tabulate data on each students Excel spread sheet for all clinic patient experiences. Tabulation will begin with winter semester 2013 data.
Evaluate current mock NERB exam to determine effectiveness of exam.
Review scores students earn on the written exam over the NERB booklet.
Implement new clinic grading form that assesses calculus detection and calculus removal skills for each clinic patient.
Purchase IPads/tablets that allow clinical faculty to enter grading data chair side. Develop Excel spreadsheet that tabulates totals entered into the tablet.

[Briefly describe the curricular or pedagogical changes are planned or were made as a result of what you learned from the measurement of Program Learning Outcomes.]

Data and Findings (post improvement/change)
[Summarize the data and findings from the measurement of student learning after the improvements/changes were made. Add the detailed data to the appendices]