

Dental Hygiene Department Meeting
 December 5, 2019 at 10:00 -1:00 in A-142

	Present	Absent	Excused
Faculty			
Karen Molumby	√		
Carol Chapman	√		
Dr. Richard Olitsky	√		
Dr. Deborah Lux	√		
Clori Atkins	√		
Brenda Schwing	√		
Yessenia Iglesias	√		
Jami Ware			√
Dr. Magdaline Britto	√		
Nancy Schuette	√		
Natalie Schmidt			√

a. Agenda Discussions.

x. Administrative

- i. **Faculty and Dental Reception Renovation** – Construction will begin December 7th to remove the planter in the front office and to update the faculty instructor office. The IT department will be back on January 2nd to reconnect all faculty computers.
 - The computer passwords in the clinic, radiology areas and classroom will be changed prior to the Christmas holiday break.
- ii. **Faculty Office Hours:** Spring semester office hours are due on January 3, 2020.
- iii. **Dental Clinic Assignment for Spring:**
 - **Clinical Assignments (Dentist)** – Drs. Britto/Lux (Tuesday, Thursday and Friday), Dr. Lux/Britto (Fridays will alternate months)
 - **Clinical Assignments (Hygienist’s)** –
 - Clori – Thursday/Friday (will resume Tuesdays in March)
 - Carol – Tuesday/Thursday/Friday
 - Brenda – Tuesday/Thursday
 - Yessenia – Tuesday/Thursday/Friday
 - Jami//Natalie - Friday
- iv. **Adjunct Portfolio – Spring 2020:** Magdaline and Deb will be required to complete their adjunct portfolio by the end of the 2019/2020 academic year. If they have any questions about the process, they will ask any faculty member for help.
- v. **Application Deadline** – The application deadline is December 15, 2019. Ther applicant pool consists of 9% males and 81% female. The average age of the applicants is 24.4 years. As of December 5th, there are 140 applicants who have applied.
- vi. **Accreditation:** The initial letter from CODA arrived last week requesting the accreditation site visit to be held on February 4-5, 2021.
 - 1. CODA – CODA has changed and updated the definition of “special needs” populations. The faculty discussed the new definition and felt that we do cover this topic in depth in Dental Hygiene IV and provide all students with numerous clinical experiences in the dental clinic as well as in hands-on activities associated with the community health lab. The faculty discussed adding additional special needs to the current special needs

- tracking spreadsheet used in clinic. Carol will review the topics covered in DH-IV and will ensure that all elements as outlined in the definition are discussed in her course.
2. **Faculty Retirements:** Carol, Brenda and Richard have identified that they will be retiring in April 2021. There will be three openings available following the accreditation site visit.
- vii. **PTA Collaboration Activity:** Dr. Myers, Occupational Therapy Director at FGCU contacted our department to schedule time in the spring to do the wheelchair collaboration activity with our DH students. He suggested we schedule time in Spring 2020 to initiate the activity and then put the learning activity in the fall semester which will coincide with the Dental Hygiene IV course topics of Special Needs.
 - viii. **Faculty medical updates:** CPR and verification of TB are needed from those clinical faculty to maintain accreditation standards required for clinic. These standards are required of all FT and PT clinical faculty.
 - ix. **Clinical Advising** – Faculty received their clinical advising assignments for both the freshman and sophomore students.
 - x. **Disposition of Records:** Summer and fall of 2018 are scheduled for shredding. A box has been placed in the dispensary for faculty to place their exams and scantrons.
 - xi. **School of Health Professions -**
 - Budget – Dr. Tropello states administration is projecting another budget shortfall this next year.
 - Cost of dental clinic – Faculty were reminded to ensure students are cognizant of clinic supplies to ensure appropriate supplies are utilized in the delivery of patient care services.
 - Expansion – Karen announced her goal to request additional faculty support to address imminent retirements and faculty work load. The priority for our budget cycle is to add one FT Clinical Coordinator and a PT dentist to cover clinic in the spring and summer semesters.
 - Additional requests by faculty included a position to address setting up laboratory activities for dental materials.
 - Attrition – The Program continues to maintain its 90% or higher attrition status. The College is focusing on this issue to improve student outcomes in all SoHP programs.
 - xii. **Front Office:**
 - **Patient Surveys** –The patient survey will be distributed the weeks of February 4-13, 2020 for the Class of 2020 and April 3-10 for the freshman students.
 - **Screening assistant** –
 1. The freshman - screening assistant patients will need to remain with the student scheduled as the screening assistant. These patients are needed to help meet radiology and clinical radiographic requirements.
 2. Sophomore – mock boards - screening patients are needed for mock board patients. Mock Boards is scheduled for Tuesday, April 21, 2020.
 - a. **6 and 8 patients/day** – sophomore students will be scheduled for 6-8 patients starting March 17 and this schedule will run through Thursday, April 16, 2020
 - xi. **Program Statistics** – faculty reviewed program statistics for the sophomore students. Overall, the students have completed a variety of different patients with specific periodontal and calculus classifications. The students have treated approximately 2005 patient's as well as they have exposed 1021 radiographs. The Class of 2020 program statistics that reviewed were:
 - a. Semester comparisons
 - b. End-product competencies
 - c. Program patient types

- xii. **GKAS Day**
 - GKAS day is Saturday, February 8th. The EMS and Nursing students will be participating this year. EMS will be doing assessments, nursing will be presenting on overall health while the dental hygiene department will be doing the dental cleanings, radiographs and sealants.
 - The GKAS flyer has been updated and is available for DH/EMS/Nursing students to distribute prior to the event.
 - The flyer has been sent to the WIC program director.
 - **STEM – February 29 and June of 2020.** The stem program will be held again this year in June of 2020. The dates of the event will be confirmed at a later date. The DH faculty/students will participate once again. This event will be added as an assignment to the DEH 2808, Dental Hygiene V course.
 - **21st Century Oncology - Oral Cancer Screening and Walk** - The oral cancer screening is Saturday April 5th and the walk is Saturday April 25, 2020. The Freshman students will be required to participate as part of their community service assignment required in DEH 2808, Dental Hygiene V.
- i. **Program Interviews for the Class of 2022**
 - Program interviews are scheduled for Friday February 21, 2020 from 8-6.
 - The interview questions used from 2019 will be review and any additional questions will be added for the group who will be accepted for the August 2020 school year start.
- xi. **Advisory Board Meeting**
 - The DH advisory meeting will be held on Tuesday, March 31, 2020.
- xii. **Spring Break**
 - March 8-15, 2020 - The class of 2020 will be taking the NBDHE on March 4-5, 2020 in Port Charlotte.
- xiii. **Mock Boards**
 - Mock Boards will be Thursday, April 21, 2020.
 - a. Brenda, Clori, Yessenia and Carol will be examiners.
 - b. Magdaline, Deb, Nancy and Richard will be recorders
- xiv. **Nitrous Oxide** – The sophomore students will be participating in a hands-on nitrous oxide course on January 29, 2020.
- xv. **Vendor Day** – Colleen from Atlanta Dental will work with Dr. Britto on the number of vendors for the vendor day event scheduled for April 1, 2020.
- xvi. **Graduation Luncheon** – The luncheon will be on Wednesday April 22, 2020. The location will be decided upon by the sophomore students.
- xvii. **Spring Final Exam dates – 2020**
 - 1. Freshman:
 - DH II- April 6
 - Perio - April 15 (Wednesday)
 - Radiology – April 20
 - Pharmacology – April 27
 - 2. Sophomore:
 - Expanded Functions – April 15th
 - Seminar – April 22nd
- xvii. **Local anesthesia seminar** –
 - Training for the freshman students will be held on April 28 – 30, 2019
- xviii. **Educational Methodology** - Deb and Magdaline will be attending the Educational Methodology courses in Amelia Island to fulfill accreditation standards. Registration for the dental materials, pharmacology and local anesthesia will be handled by Marti. Both dentists will be in the class for one day.

xix. Equipment and Computers for the clinic

- Perkins Funds – Faculty are to provide any small and large equipment requests to Karen for consideration by the College. These items would be ordered based on programmatic need and/or accreditation for 2020-2021.

xiii. Clinic

Tal Eval and Paperless Grading Uploads –

1. All New patients will be graded in Tal Eval for the sophomore students through the month of January. The freshman will be graded daily for both new and recall patients.
2. The Freshman were given instructions on how to upload all competencies in the respective clinic and radiology colloquium courses. This process should be completed prior to January 6, 2020. All faculty will be reinstated in these courses by January 7, 2020.

xiv. Dental Hygiene Clinic V Competencies

Sophomore: These are the number of students who need the following competencies for DH-V:

- Board scale competencies –12
- Periodontal Case Type Four – two plus three end-product
- Medicament placement – six
- Re-evaluations – six
- Miscellaneous – SG-3

Clinic Orientation DEH 1802L –

The freshman students' orientation for DEH 1802L was reviewed on December 4, 2020. All pertinent clinical operating procedures were covered.

xv. Calibration Learning Activities for Faculty

Dentists – radiographic exposure

Summary: *Participants:* Clori Atkins, Dr. Magdaline Britto, Dr. Deborah Lux

Radiographs: (2) FMX, (2) BWX, (2) Panoramic

FMX: 2 point difference for both sets of FMX radiographs

BWX: 4 point difference for first set, and 7 point difference for second set

PANO: First was 100% calibrated, Second was within 10 points

Discussion:

FMX :

- We will deduct points if the midline is off on the central PA, and if the canine is not centered on the canine PA.
- When a tooth from the opposite arch is present on a periapical radiograph, it constitutes an error in vertical angulation.

BWX:

- Amount of overlap that is tolerated before points are deducted for horizontal angulation is a cause for discrepancy: to be calibrated, *any* amount of overlap will constitute an error.
- When the D of canine is overlapped on a BW series, points will be deducted in the third column that states the contact is not open in another view.

PANO:

- 2/3 of us were 100% calibrate on both sets of Pano's. There was a slightly flat mandible that one of us deducted 10 points for "positioning".

Hygienists – Occlusion

Summary: *Participants:* Clori Atkins, Carol Chapman, Yessenia Iglesias, Brenda Schwing

The participants reviewed 10 study models to identify the following criteria for occlusion:

- Posterior molar occlusion

- Overjet, crossbite, supraeruption, torsoversion
- Rotations

Discussion: The faculty were calibrated in their identification of molar occlusion, overjet, crossbite and any tooth that was misaligned. A discussion amongst the faculty as to the relevance of all chartable occlusion ensued. The faculty stressed that students need to chart molar occlusion and specific malpositions based on an initial identification of when to alert their employer for an orthodontic referral. Faculty discovered that an enormous amount of time was spent on the documentation of rotations such as a mesial rotation and/or distal rotations. After a brief discussion, the faculty made the decision to forgo the documentation of mesial and/or distal rotations. This will be implemented in the spring 2020.

xvi. Curriculum Results and Revisions for Fall 2019 Courses

Course Student Learning Outcomes

Faculty reported on the results of fall didactic course SLO. Dental Materials, Dental Anatomy, Oral Histology, Dental Hygiene I & IV, Oral Pathology and Community Lecture/Lab were reviewed.

SLO Results and Use of Results for the following fall 2019 Courses:

1. DEH 1002 Dental Hygiene I Comprehensive Final Examination

Results: The Cohort Class of 2021 scored an overall class average of 91.6% on the 12 course outcomes.

Use of Results: The overall class performance was very good. The class scored an overall average of 87.8% on the case-study questions. The learning activities were enhanced from last year to include identification of occlusion using models as well as the incorporation of calculus identification models. The goal is to update the case study dental and periodontal charting example to reflect a digital copy as well as to enhance learning activities to focus on ASA, medical condition protocol and sharpening of instruments. The sharpening activity will include a presentation from the Hufriedy representative at the conclusion of the semester.

2. DEH 1002 Dental Hygiene I Written Assignments

Results: The Cohort Class of 2021 scored a class average of 97.5% on the medical brochure.

Use of Results: The medical brochures were excellent this year. The rubric will be revised to more points to the spacing category. The goal is to eliminate “empty spaces” which was the most common error again this year.

3. DEH 1002L Dental Hygiene I PreClinic

Results: The results indicate that 85% of the Cohort Class of 2021 scored an 90% or higher on 14 individual skill evaluations.

Use of Results: The course will include one entire clinical session to simulate the documentation/patient care services of all clinical procedures for a mock patient record that covers all course individual competencies.

4. DEH 1130 Oral Histology Final Examination:

Results: The Cohort Class of 2021 scored a class average of 91.63% on the final examination.

Use of Results: Will continue to emphasize importance of written paper on knowledge of tooth. Upgrade discussions on basic tissues.

5. DEH 1130 Oral Histology Written Assignment

Results: The Cohort Class of 2021 scored a two or higher on the tooth development document.

Use of Results: The class scored well and were able to understand the stages of tooth development. The reports were well written and descriptive.

6. DES 1100C Dental Materials Comprehensive Final Examination -Lecture

Results: The grades on this exam ranged from 63% to 94%. The class average was 83.6% with a median score of 85.5%.

Use of Results: The area that appears weaker remains those questions related to dental materials their chemical and physical properties. I plan to incorporate More reading material and focus on hands on activities.

The written exam involves having knowledge of the materials and being able to apply critical thinking for many questions as they were asked in relation to a clinical example. The laboratory exam focuses more on combining visual identification of materials along with their practical use in dentistry. Therefore, I will continue to incorporate more study quizzes and materials similar to what is expected of them for practice in class. I will also cover the material in more depth in the PowerPoint presentation.

7. DES 1100C Dental Materials - Lab

Results: The Cohort Class of 2021 scored an overall average of 98% on the Dental material expanded function competency.

Use of Results: The Laboratory competency outcomes demonstrate the students have the knowledge and clinical skills needed to perform the expanded function duties in a patient care environment. The students have had an excellent opportunity to work on each other and stimulate the same experience as working with patients.

I will keep the learning strategies the same as they have demonstrated the Good Overall Average.

8. DES 1020C Comprehensive Final Examination -Lecture

Results: The cohort class of 2021 average on this exam was 86.3%.

Use of Results: The course was restructured to be presented in four units. The units included the dentition, bones/muscles, nerves/vessels/veins and local anesthesia. All four of these units are directly linked to how a dental hygienist will need to identify the teeth and their associated landmarks in the administration of local anesthetic. The course will purchase additional models that will assist students in the location of landmarks in a laboratory setting. The drawings were eliminated in favor of tooth identification. The drawings will be included in the manipulation of playdough to recall specific tooth characteristics. The local anesthesia unit will include a learning activity to include the placement of a Q-tip to locate injection sites. Designed three games to review course material prior to the examination which proved very helpful for students.

9. DEH 2702 Community Dental Health Comprehensive Final Examination

Results: 97% of the cohort class of 2021 scored a 3 or higher on the comprehensive final exam.

Use of Results: The percent of students answering all correct increased by 10%. The percent answering 4 out of 5 increased by 3%. There was a great improvement in Outcome 1; Develop and present a community dental health program that promotes health and prevents disease and

Outcome 7; Describe barriers to utilization of health services including physical, geographic, cultural, language, economic, age, and educational. The two areas that need the most attention is Outcome 2; Perform a community needs assessment on diverse populations and be able to identify the target population and Outcome 8; Analyze how epidemiology and biostatistics are used in the collection of data and the application to research. Increasing those areas in quiz questions throughout the semester has proven to be a way to address those areas.

11. DEH 2702L Community Dental Health Lab

Results: 100% of the cohort class of 2020 scored a 4 or higher on the lab activities.

Use of Results: The course provided excellent exposure to a variety of populations. The program added the “project search” agency to the list of activities. Students helped prepare young adults through a program with the Golisano Pediatric facility to prepare the participants for the work force to include oral health care.

12. DEH 2806 Dental Hygiene IV Comprehensive Final Examination

Results: 95% of the cohort class of 2020 scored a two or higher on the comprehensive final exam.

Use of Results: Results reflect an 8% decrease (46% last year) in students accurately answering all 5 questions. A 3% increase (32%) in students answering 4 out of 5 questions correctly. A 5% increase (17% last year) in students answering 3 out of 4 questions correctly and the same percent of students answering 2 or less questions correctly as last year (5%). When combining columns 4 and 5 (students answered all 5 or 4 out of 5 questions correctly) there was improvement in outcomes #1, #2 and # 4 while #6 remained the same. Outcomes #3 and #5 are areas to concentrate next year. To improve in those areas more quiz questions will be added in the weekly module quizzes that address medications and medical emergencies.

13. DEH 2806L Dental Hygiene IV Clinic

Results: The Cohort Class of 2020 scored an overall average of 92.6% on the patient care and radiographic competencies.

Use of Results: The clinical outcomes demonstrate the students are successful in the delivery of patient care services and radiographic exposures. The students have had an excellent opportunity to expose multiple radiographic surveys. The program will maintain the number of required competencies in DEH 2806L, Dental Hygiene IV Clinic.

14. DEH 2400 Oral Pathology Comprehensive Final Examination

Results: The Cohort Class of 2020 scored an overall class average of 89.1% on the final examination.

Use of Results: Improve delivery of benign and malignant tumors by upgrading Power Points and include additional videos to help simplify concepts. Add additional discussions on developmental disturbances.

xvii. Program Analysis

1. Fall Patient Surveys – Fall of 2019

Results: SLO: 98.27 % of the patient responses on the delivery of patient care services was very good-to excellent.

Operational Learning Outcomes: 98.9 % of the patient responses ranked the dental clinic operational outcomes as very good/excellent.

Use of Results: SLO: The patient population continues to appreciate the services provided by our students and customer service aspects of our dental hygiene clinic. The program will continue to solicit feedback from patients to maintain a high quality of care.

2. Fall Chart Reviews

Results: 88.2% of the patient charts were accurately completed. The DHCP overall average of 92.6% on the DHCP chart review.

Use of Results: Overall the Cohort Class of 2020 continue to improve upon their documentation of patient care services. The Chart and DHCP chart reviews did indicate an issue with spelling and/or leaving comment sections blank when information was found. The goal is to emphasize accurate spelling and completion of all required comment sections.

3. Clinical Advising

Results: The Cohort Class of 2020 scored an overall 93% on their fall clinical advising.

Use of Results: Overall the Cohort Class of 2020 continue to improve their clinical skills. The Class of 2020 ranked the lowest in being able to mount radiographs within 15 minutes. In dental radiology the class will work on mounting learning activities using the conventional radiographs to reduce the amount of time it takes to mount digital radiographs.

4. Cohort Class of 2019 - 6-month Graduate Survey: The report for this survey is expected to be complete by our IE department. The results will be provided to the faculty next week. Once received this information will be included in the compliance assist report.

Cohort Class of 2019 - Employer Survey; The report for this survey is expected to be complete by our IE department. The results will be provided to the faculty next week.

1. Cohort Class of 2019 - 6-month Graduate/Employer Survey:

Results: The 6-month graduate survey response was 50% rate (8-16 graduates responded to the survey). 100% of the respondents ranked their satisfaction with their preparedness for employment as excellent. The salary range was from \$30-\$42/hr. The average salary was \$35. The employer survey response was 6% (1 out of 16). Verbal communication from graduates indicates everyone is employed.

Use of Results: 100% of the respondents exhibit 'adequate' or higher response to their ability to evaluate their ADPIED employment skills. The graduates report a need to maintain a schedule that permits a minimum of four or more weeks of performing patient care services to f 6-8 patient/day. One respondent recommended four months. The goal would be to increase the 6-8 patient days to 5 or more weeks in the last semester.

5. Other Business

The next meeting is scheduled for a day during the May 1, 2020.