

Dental Hygiene Department Meeting
 December 11, 2020 at 8:00 -5:00 in A-142

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

a. Agenda Discussions.

x. Administrative

i. Fall 2020 COVID 19

ii. Administrative update with COVID-19 – The program did very well with reducing our exposure to the COVID-19 virus. We will continue to follow the PPE protocols for spring 2021.

iii. Dental Clinic

1. Supplies, inventory and COVID-19 Manual – Yessenia, Brenda (summer) and Jami have done a wonderful job of ordering/maintaining equipment and keeping students/faculty/staff abreast of the issues related to COVID-19 and the much-needed PPE.
2. Teaching and instruction – The clinical and simulation assignments were well executed by all dentists, clinical hygienist’s and the dental clinic assistant. The team-work and collaboration amongst everyone resulted in a successful semester.
3. Front Office - Patient scheduling – There were more patient cancellations in the final three weeks of the semester as compared to earlier in the semester. The reason for cancellations was reported by patients due to concerns with COVID-19 crisis geographically. This is the first year we treated patients in December too. COVID-19 may not be the only reason for a decline.

Going forward we may need to ask students to bring patients in for the Class of 2022. This will be a wait and see step. If needed a fee will be charged.

The Class of 2021 need only scale competencies and clinical hours to maintain their path to graduate at the end of the spring semester. For the student in the Class of 2022, the faculty were encouraged to complete as many of the competencies early in the semester. A strategy during screening rotations will assist with this process too.

4. Clinic COVID-19 protocol
 - Cavitron and motor polish implementation – The faculty agreed to begin using the cavitron and motor polisher in spring 2021. Students must use both the HVE and saliva ejector when using this equipment. The student face shields will need to be disinfected between patients.

5. Simulation exercises – faculty felt the simulation exercises were a positive edition to the fall semester challenges. Faculty noticed that students had fewer medical errors in the dental chart review processes as compared with previous classes.
 6. Equipment repairs- Jami and Yessenia created a different method in isolating dental equipment concern with a sign-up sheet. They both took on the challenges to repair as much as what they could and did an awesome job with keeping the clinic operational. To help with future repairs, upper administration will be asked to help identify whether we can hire on a PT basis (Wayne Abramson from Atlanta Dental) to reduce our costs in repairing equipment in the future.
- iv. Teaching Modalities – The teaching modalities definitions were reviewed and the necessary training required to teach each type of course.
1. FSW Traditional
 2. FSW Online – DEV 101, canvas certification, blooming with zoom
 3. FSW Blended - DEV 101, canvas certification, blooming with zoom
 4. FSW Live Online - canvas certification, blooming with zoom
 5. FSW LIVE Flex - canvas certification, blooming with zoom
- v. Where do you see the Dental Hygiene Program in 3-5 years? This is what the faculty suggested as potential vision for our program:
1. Jami identified what the K-12 system is doing which is a format similar to FSW Live online. She projects us to be online for all lecture courses and on campus for labs and clinic.

Online instruction for the following courses were identified for specific future teaching modalities

- FSW Online – DH1-5, Oral histology and Oral Pathology, Seminar and Community Health.
 - FSW Blended – Dental Anatomy, Dental Materials, Dental Radiology, Expanded functions and Community Dental Health Lab.
 - FSW Live Online – Pharmacology, Periodontics.
 - FSW Traditional – DH 1 Preclinic and DEH 2-5 clinic
2. Equipment needs – Jami stated new dental chairs
 3. Employment (faculty) needs – Carol recommended we have additional staff to cover illness and time-off (maybe PT)
 - Definitely a need for a PT dentist to cover clinic during spring and summer semesters.
 4. CE course Courses – SoHP generalized CE courses to address new and ongoing issues such as mental health, collaborative simulation exercises and human trafficking. Stacey Brill is interested in doing a presentation about head and neck cancer.
 5. Technology – We have to know technology as it relates to our profession but also need assistance on how to incorporate other technology for our course instruction.
 - Solution: Encourage the college to hire a SoHP IT specialist that is available at anytime to assist with technology specific program problems to reduce the time spent on locating how to do a program that will enhance course materials.
 - IT – time sensitive issues in the clinical setting that impact productivity during clinical sessions.
 6. Program Growth – Expansion issue concerns that were discussed are:
 - Funding for increasing enrollment

- Market demand - Age of existing graduates in the current market is between 24-45 years of age
 - Corporate turnover and request to increase market
 - Quality of student – low GPA’s
 - Accreditation – Student/Faculty ratios
 - Additional faculty and staff to handle clinical patient volume
- vi. **Faculty Office Hours:** Spring semester office hours form will be completed for faculty.
- vii. **Textbooks** – Fall 2021 adoptions will be requested by January 2021.
- viii. **Dental Clinic Assignment for Spring are:**
1. (Dentists) – Dr’s. Britto/Lux (Tuesday, Thursday and Friday) ½ days
 2. (Hygienist’s) –
 - Clori – Thursday/Friday
 - Carol –Thursday/Friday
 - Jami – Tuesday/Wednesday/Friday
 - Yessenia – Tuesday/Friday
 - Natalie –Wednesday/Friday
- xi. **Faculty Medical Updates** – New faculty and adjunct will need to provide verification of their current TB skin test and CPR.
- i. The biosketch form will be resent to faculty to update since the site visit has been postponed to 2022. The faculty will need to update any CE course taken since December 2019.
- xii. **DH (Class of 2023) Application deadline** –
- i. Applications received as of December 11, 2020.
 1. 154 applicants thus far with the deadline to apply being December 15, 2020. Currently we have more applicants that have GPA’s under 3.00 verses those over a 3.00.
 2. Average age of the applicants. 24.5
 - ii. Protocol for selection – Due COVID-19, a discussion began as to whether we should change the existing system for February. These are the options that were discussed:
 1. Program Interviews for the Class of 2023 –
 - Option One
 - i. Interview top 30 candidates with the most points
 - ii. Writing sample
 - iii. Criminal background check
 - Option Two
 - i. Top ten applicants admitted
 - ii. 16 applicants interviewed for remaining 8 seats to include writing sample and criminal background check
 - Option Three
 - i. Accept top 18
 - ii. 12 alternates
 - iii. Alternates and top 18 are required to do a criminal background check
 2. This discussion will continue on January 4, 2021. The protocol will need to be finalized.
- iii. **Accreditation:** The official CODA site visit will be February 3-4, 2022. A formal report on the “Interruption of Education” is due for the Class of 2021. All programs are mandated to complete this report requirement. The DH program will still need to fulfill the educational methodology requirement in July 2021. These are the faculty who will need the following courses:
1. Dental Materials – 7/2021 (Magdaline)
 2. Pharmacology – 7/2021 (Deb)

3. Oral Pathology – 7/2021 (Deb)
 4. Oral Histology – 7/2021 (Clori)
 5. Community – 7/2021 (Yessenia)
 6. Perio ??? – 7/2021(Magdaline)
- iv. **Community Outreach**
1. PTA Collaboration Activity with FGCU went well. We will do this collaboration activity annually.
 2. STEM – Clori will do the STEM program slated for February 27, 2021. Jami and Natalie will assist with this process.
 3. Oral Cancer – 21st Century Oncology has changed their name. New name is in the works. The screening will be postponed until 2022 with the cancer run being done in person in downtown Fort Myers and virtually.
- v. **Clinical Advising –**
- vi. Faculty student assignments for spring have been provided to the faculty.
 1. Sophomores will complete one clinical advising and chart review in early February.
 2. The freshman clinical advising/chart reviews will be in April.
- vii. **Disposition of Records:** Course examinations, projects and/or papers from the summer and fall of 2019 (Class of 2020).
- viii. **Front Office:**
- **Patient Surveys** – February 2-5, 2021 for sophomores and April 5-9, 2021 for the freshman.
 - **Screening assistant –**
 1. **Freshman** screening assistant patient will need to remain with the student scheduled as the screening assistant. These patients are needed to help meet and clinical radiographic requirements.
 2. **Clori’s role with screeners** – Panoramic radiograph, primary bitewings, radiographic interpretations/technique evaluations, care of oral prostheses competencies and simulation exercises.
 3. **6 and 8 patients/day** – sophomore students will be scheduled for 6-8 patients starting March 9 - April 15, 2021.
 4. **Freshman clinic day** – 12 students and one screening assistant and three students off/simulation exercises.
 5. **Sophomore** – 8/9 students assigned all day on either Tuesday or Thursdays.
 6. **Mock Boards** –Tuesday, April 20, 2021. The requirement will be based on whether the BOD requires a live patient exam. If the BOD determines a maniken exam, then we will not do mock boards.
- xiii. **School of Health Professions -**
- i. Budget year proceedings will begin February of 2021.
 - ii. Models – preclinic simulation exercises – Periodontal maniken will be requested.
- xiv. **Program Statistics -** The Class of 2021 program statistics indicate that the class has treated approximately 74-90 patients (1394) thus far in the program. 70% (54-61 radiographic exposures/student).
- i. The program competencies are all complete except the scale competency for DH-5.
- xv. **6-month graduate and employer survey for the Class of 2020** will be completed in February 2021. The survey typically goes out in November. Due to COVID, these graduates were not employed until July 2022.
- xvi. **NBDHE/ PTCE/CSCE**
- i. NBDHE – Scheduled for March 5, 2021
 - ii. CSCE – Students will need to schedule during spring break
 - iii. PTCE - Manikin and/or live patient – unknown
- xvii. **GKAS Day**

- GKAS has been cancelled for 2021.
- xi. **Advisory Board Meeting**
 - The DH advisory meeting will be held on Tuesday, April 6, 2021.
 - Zoom Meeting will be the format
- xii. **Spring Break**
 - March 13-20, 2021
- xiv. **Nitrous Oxide** –January 27, 2021. Nitrous/oxygen tanks will be ordered for the activity.
- 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 7, 2021.
- xvi. **Graduation Luncheon** – The luncheon will be on Wednesday April 21, 2021. The luncheon will take place dependent upon the COVID-19 situation.
- xvii. **Spring Final Exam dates – 2021**
 1. Freshman:
 - DH II- April 5
 - Perio - April 14 (Wednesday)
 - Radiology – April 21
 - Pharmacology – April 26
 2. Sophomore:
 - Expanded Functions – April 14th
 - Seminar – April 21st
- xviii. **Local anesthesia seminar** –
 - Training for the freshman students will be held on April 22/23 and 26/27.
- xviii. **Perkins Fund Request**
 - Perkins Funds – A new scan-x is being ordered to replace the broken one. We should get the item between January-March 2021.
- xviii. **Clinic**
 1. Ionizing Radiation Policy –All faculty will need to sign the form that they have read the standards.
 2. Tal Eval and Paperless Grading –
 - Sophomore students – new patients only in January
 - Freshman students – daily for the spring semester
- xix. **Clinic Orientation DEH 1802L** –

The freshman students’ orientation for DEH 1802L was reviewed on December 4, 2020. Voiceovers were created for:

 - Screening assistant
 - Care of oral prostheses
 - Oraqix
 - Local anesthetic syringe/topical anesthesia
 - Orientation topics pertinent to competency and clinical protocol are posted on the DEH 1802L and Colloquium course home pages
 - Uploading documents for clinical competencies are to be completed by January 6, 2021.
- xiv. **Clinical Competency updates**

The program updated the radiology and clinical competencies in fall 2019. The competencies will be implementation for the class of 2022. The rubrics that were updated start with the designation of 2021. If there is not a 2021 the competency was not changed by the faculty.
Recall protocol introduction for freshman
- xx. **Calibration Learning Activities for Faculty**

- Radiology Calibration exercise– Clori explained the radiology results in the calibration exercises for the dentists. She highlighted areas that was done well and addressed those concerns that required calibration such as grading the presence of jewelry on a radiographic exposure. The solution was to grade it as one error for earrings and not two earrings for both ears.
- Simulation EP case 6 calibration – Karen explained that the faculty did a really good job on their documentation of clinical data based on the End-Product case #6. The faculty were 91% accurate as a group in the documentation of the clinical data.

xxi. **Curriculum Results and Revisions for Summer & Fall 2020 Courses**

DEH 2804 – SLO – Dental Hygiene III

Final Exam Results: 83% of the class scored 4 or 5/5 correct on the final exam.

Use of results: Goal to improve overall percentage of students scoring 4 or 5/5 answers correct was accomplished. (Last year 77%, this year 83%) Those scoring 5/5 correct in Medicaments/Chemotherapeutics and PSR was lower this year. Goal will be to improve in these two learning outcomes by including in case study and discussion assignments. Learning outcome on case study components and development improved considerably this year. (Last year 7 students scored 4 or 5/5, this year 13). I did not expect this due to all content and practice case studies being switched to online this year. I was very happy to see this, as critical thinking through case studies is vital to accomplishing the learning outcomes for DH3. I followed up on my plan last year to update the case studies in exams and for student group assignments. Cases practiced and presented in Zoom class also contributed to the success in this outcome.

Article Critique Results:

Results: 100% of the students scored a two or higher on the article critique.

Use of Results: Article topics reinforced evidence-based protocols covered in this class. This year due to online format, I added a discussion question requirement where the students had to write their own discussion topic and then respond to 2 classmates. Results were consistent with last year regarding grammar and APA, however, overall 88% scored in first column vs 82% last year. Overall scores were better, but APA and grammar are still the major point deduction in this assignment despite references provided each year with current APA guidelines.

Case Presentation Group Project:

Results: 100% of the Cohort Class of 2021 scored a two or higher on the case presentation.

Use of Results: Grammatical errors on powerpoint presentations were reduced this year. Multiple choice questions were great in all 4 groups with only 1 out of 100 total questions not being based on fact or evidence-based protocols. Some discrepancies in documentation within the case studies/medical errors in documentation were missed, as reflected in Medical Errors section of rubric. 9 students had 10 points deducted in this category and 8 had a 5 point reduction. This will be the area to focus on for next year and will be something I will reinforce when we do our practice case studies.

Dental Hygiene III Clinic

Results: 99% of the Cohort Class of 2021 scored a 3 or above in all categories.

Use of Results: The Clinical Course will update criteria to reflect current practices for the Class of 2022 starting spring of 2021. The program will maintain the same type of competencies for DEH 2804L.

DEH 1002 Dental Hygiene I Comprehensive Final Examination

Results: The Cohort Class of 2022 scored an overall class average of 92% on the 12 course outcomes.

Use of Results: The overall class performance was very good. The class scored an overall average of 92% on the case-study questions. The course was online with multiple learning activities associated with each outcome. Students typically worked together on the activity together in their group chat. Due to the chat feature, students received a similar grade and did not find the activity helpful. The recommendation is to come up with different scenario for each topic to best address the learning activity.

DEH 1002 Dental Hygiene I Written Assignments

Results: The Cohort Class of 2022 scored a class average of 97.7% on the medical brochure.

Use of Results: The medical brochures were done well this year. Common errors occur with the new class with grammar and spelling errors. This year was the first time that two students used smaller font to incorporate more information in the brochure.

DEH 1002L Dental Hygiene I PreClinic

Results: The results indicate that 75% of the Cohort Class of 2022 scored an 90% or higher on 14 individual skill evaluations.

Use of Results: The course made an overall improvement on the documentation process of the ADPIED Dental Hygiene Process of Care as compared with the previous year. Due to COVID-19, the course was held on Fridays for nine hours. The results show a 10% decrease in the students who scored above 90% on individual competencies as compared with the class of 2021. On the flip side, the Class of 2022 first patient class averaged increased from 33% from the Class of 2021 to 62% for the Class of 2022. The nine-hour clinic was effective but exhausting to hold clinic all on one day. The program will review the schedule for fall 2021 to decide to move this class to a Monday or a Wednesday afternoon to determine the effectiveness of an 9-hour clinic versus returning to a two-day split of the required nine hours.

DEH 1130 Oral Histology Final Examination:

Results: The results indicate that 82.3% of the Cohort Class of 2022 answered 4 out 5 questions correctly on the comprehensive final examination.

Use of Results: Devote more time to review of basic histology.

DEH 1130 Oral Histology Written Assignment

Results: The results indicate that 86.7% of the Cohort Class of 2022 scored a clear understanding of tooth development based on this written assignment.

Use of Results: Will continue to emphasize importance of written paper on knowledge of tooth development and help clarify embryologic concepts with improved PowerPoint presentations.

DES 1100C Dental Materials Comprehensive Final Examination -Lecture

Results: The grades on this exam ranged from 61% to 91%. The class average was 78 % with a median score of 79.5%.

Use of Results: 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. General performance appears weaker on all the categories. The social situation due to COVID might have played a role as students weren't allowed to study together. However, I will continue to incorporate more study quizzes and materials similar to what is expected of them for practice in class. I will also incorporate discussion boards, so students will benefit from discussions from their peers and their point of view.

DES 1100C Dental Materials - Lab

Results: The Cohort Class of 2022 scored an overall average of 91.4% 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 work to improve the model work competency average. The students who had lower averages had previous dental experience and were following their clinic policy and did not follow the academic procedures. They were all explained the guidelines that needed to be followed. I will not be changing any protocols but have more effective communications. I will also work to improve the mixing cement competency grade. The students with lower grade needed visualization of the end product. I will have more videos and pictures available for them to improve upon. Overall average is acceptable and I will maintain my learning strategies..

DES 1020C Comprehensive Final Examination

Results: 85% of the cohort class of 2022 correctly answered 4/5 questions correctly.

Use of Results: The course was restructured to account for social distancing with two groups of lab sections. This process worked better allowing the student to review models and teeth with fewer students needing to view and access models. Overall, the students did well throughout all four sections. A pattern that seemed to occur was the amount of time (not enough time spent) each student spent on each of the three 100 question tests. The average time was between 35-50 minutes when 120 minutes was allotted. Questions that were identified as simple were often answered incorrectly. On the final exam a question was asked "Maxillary molars have three roots, one facial and two lingual roots. Mandibular molars have two roots, a facial and a lingual root." 60% of the students answered this question incorrectly.

DEH 2702 Community Dental Health Comprehensive Final Examination

Results: 9% of the cohort class of 2022 scored a 3 or higher on the comprehensive final exam.

Use of Results: After reviewing the questions with the lowest scores (75% or less of the class choose the correct answer), the outcomes attached to those questions included outcome #7 with the most incorrect answers, followed by outcome #4, then outcome #1. To improve the scores related to those outcomes more quiz questions will be related to those topics as well as emphases being placed on those topics in the power points and discussions.

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 videos for each of the agencies to relay the information. The videos will be sent to the agencies for review and feedback.

DEH 2806 Dental Hygiene IV Comprehensive Final Examination

Results: 99% of the cohort class of 2021 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.

DEH 2806L Dental Hygiene IV Clinic

Results: The Cohort Class of 2021 scored an overall average of 94.1% on the patient care and radiographic competencies.

Use of Results: The clinical outcomes demonstrate the students were successful in the delivery of patient care services, radiographic exposures and evaluation of case-study simulation exercises. The students continue to receive excellent opportunities to expose multiple radiographic surveys with live patients. The Clinical Course will update criteria to reflect current practices for the Class of 2022 starting spring of 2021. The program will maintain the number of required competencies in DEH 2806L, Dental Hygiene IV Clinic.

DEH 2400 Oral Pathology Comprehensive Final Examination

Results: The Cohort Class of 2021 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.

xxii. **Program Analysis**

1. **Fall Patient Surveys – Fall of 2020**

Results: SLO: 100 % of the patient responses on the delivery of patient care services was very good-to excellent.

Operational Learning Outcomes: 100 % 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% of the patient charts were accurately completed. The DHCP overall average of 96% on the DHCP chart review.

Use of Results: Overall the Cohort Class of 2021 continue to improve upon their spelling. The goal is to emphasize accurate spelling and completion of all required comment sections.

3. Clinical Advising

Results: The Cohort Class of 2021 scored an overall 95% on their fall clinical advising.

Use of Results: Overall the Cohort Class of 2021 continue to improve their clinical skills.

Respectfully submitted,

Karen Molumby

12/15/2020