

Dental Hygiene Department Meeting
December 6-7, 2018 at 8:00 -5:00 in A-142

	Present	Absent	Excused
Faculty			
Karen Molumby	√		
Carol Chapman	√		
Dr. Richard Olitsky	√		
Dr. Phil LoGrippe	√		
Clori Atkins	√		
Brenda Schwing	√		
Yessenia Iglesias	√		
Jami Ware			√
Mary Kazakos			√
Dr. Magdaline Britto	√		
Staff			
Nancy Schuette	√		

- a. Insert agenda items discussed at each roman numeral
 - x. Administrative
 - xi. Curriculum
 - xii. Clinical Courses
 - xiii. Other business

- b. Agenda Discussions.
 - x. **Administrative**
 - i. **Compliance Assist/College Monitoring Report** - The College is preparation for another report for SACCOS. This report will determine whether the College has met accreditation standards. If the standards are not met, the College may be facing probation.
 - ii. **Dean of Health Professions:** Dr. Paula Trupello will begin her position around February 15, 2019. Dr. Denis Wright will remain interim dean until after spring break.
 - iii. **Dental Clinic Supervisor Position:** Dr. Magdaline Britto will begin her FT as the DCS on January 2, 2019.
 - iv. **Clinical Associate:** Natalie Schmidt (Class of 2015) will start in February on Fridays. Carol will train her in February. Natalie will be employed on Fridays in the spring, summer and fall semesters.
 - v. **Faculty Office Hours:** Spring semester office hours are due on January 3, 2019.
 - vi. **Dental Clinic Assignment for Spring are:**
 - **Clinical Assignments (Dentist)** – Drs. Britto (Tuesday, Thursday and Friday) , Dr. LoGrippe (Friday), Dr. Oltisky (Thursday)
 - **Clinical Assignments (Hygienist's)** –
 - Clori – Thursday/Friday
 - Carol – Tuesday/Thursday/Friday
 - Brenda – Tuesday/Thursday
 - Yessenia – Tuesday/Thursday/Friday
 - Jami/Mary/Natalie - Friday
 - vii. **Office Space:** Mary and Natalie will share office space in A-156.
 - viii. **Increase in Dental Clinic Patient Fees:** Dr. Wright presented a formal letter to increase the adult patient fee from \$40.00 to \$50.00 starting August 2019.
 - ix. **Adjunct Portfolio – February 22, 2019:** Faculty were reminded to complete their portfolio' early.
 - x. **Application Deadline** – December 15, 2018. There are only 8% of the applicants over age 30 who have applied this year. This number is significantly lower than previous years.

- xi. **Accreditation:** Course projects, papers, drawings, etc need to be kept in a separate folder to show the site visitors during our accreditation site visit in 2021. Each course instructor should keep approximately five copies of graded assignments for the Cohort Class of 2018, 2019 and 2020.
- xii. **PTA Program:** FSW's PTA program (Broward College) will be discontinued following the spring 2019 semester. The College does not plan on continuing this program on their own.
- xiii. **Faculty medical updates:** Verification of TB updates for specific instructors are due.
- xiv. **Clinical Advising** – Faculty received their list of students for the clinical advising sessions scheduled for spring 2019.
 - 1. The sophomore students will complete one clinical advising and one chart review in early February.
 - 2. The freshman students will complete two clinical advising sessions. One each in February and April.
 - 3. The freshman chart reviews will not be implemented until April 2019.
- xv. **Disposition of Records:** Course examinations, projects and/or papers from the summer and fall of 2017 are schedule for shredding. A box has been placed in the dispensary for these documents. The box will be disposed upon approval from FSW's legal department.
- xvi. **Front Office:**
 - **Patient Surveys** – The patient surveys will be distributed twice during the spring semester. The designated two weeks are February 4-15, 2019 for the Class of 2019 and April 5-12, 2019 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 screening patients are needed for mock board patients.
 - **6 and 8 patients/day** – sophomore students will be scheduled for 6-8 patients starting March 19 and this schedule will run through Thursday, April 4, 2019.
- 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 1195 patient's as well as they have exposed 1147 radiographs. The Class of 2019 program statistics that reviewed were:
 - a. Semester comparisons
 - b. End-product competencies
 - c. Program patient types
- xii. **GKAS Day**
 - GKAS day is Saturday, February 9th from 8:30-3:15.
 - The GKAS flyer has been updated and is available for students to distribute prior to the event.
 - The flyer has been sent to the WIC program director.
 - **21st Century Oncology - Oral Cancer Screening and Walk** - The oral cancer screening is Saturday April 6th and the walk is Saturday April 28th. The cancer screening event will resume at its original location. The walk will be held at Hammond Stadium. If any faculty are interested in participating in the event, please let Karen know. She will forward the information to Stacey Brill.
 - 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 2021**
 - Program interviews are scheduled for Friday February 15, 2019 from 8-6.
 - The interview questions that were used from 2018 will be used again for this interview.
- xi. **Advisory Board Meeting**
 - The DH advisory meeting will be held on Tuesday April 2, 2019.

- xii. **Spring Break**
 - March 2-12, 2019
 - The class of 2019 will be taking the NBDHE on March 8-9, 2019 in Port Charlotte.
- xiii. **Mock Boards**
 - Mock Boards will be Thursday April 11, 2019.
 - Brenda, Clori, and Carol will be examiners.
 - Magdaline, Phil and Richard will be recorders.
- xiv. **Nitrous Oxide** – The sophomore students will be participating in a hands-on nitrous oxide course on April 10th. Following this course, the class of 2019 will be able to clean each other’s teeth.
- xv. **Vendor Day** – Colleen from Atlanta Dental will work with Dr. LoGrippo on the number of vendors for the vendor day event scheduled for April 3, 2019.
- xvi. **Graduation Luncheon** – The luncheon will be on Wednesday April 17, 2019. The location will be decided upon by the sophomore students.
- xvii. **Spring Final Exam dates – 2019**
 1. Freshman:
 - DH II- April 8
 - Perio - April 17 (Wednesday)
 - Radiology – April 22
 - Pharmacology – April 24
 2. Sophomore:
 - Expanded Functions – April 10th
 - Seminar – April 17th
- xviii. **Local anesthesia seminar** –
 - Training for the freshman students will be held on April 25 – 26, 2019.
 - The CE local anesthesia course for licensed dental hygienists may be held in summer depending on faculty availability and community interest in the course.
- 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 requirement for 2019-2020.

xiii. Clinic

1. **Ionizing Radiation Policy** – Clori handed out the updates for faculty to renew the information about ionizing radiation. She will complete this for the students during her scheduled course time. Mary and Natalie will need to have the information updated upon the return next semester.
2. **Tal Eval and Paperless Grading**
 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 have been given the forms and instructions on how to upload all competencies in the respective clinic and radiology colloquium courses. This process should be completed prior to January 7, 2019. All faculty will be reinstated in these courses by January 8, 2019.

xiv. Dental Hygiene Clinic V Competencies

Sophomore –The sophomore class has done an excellent job of completing their program competencies. The remaining competencies are:

- Board scale competencies – there are only 10 competencies outstanding.
- Periodontal Case Type Four – one student.

xv. **Clinic Orientation DEH 1802L –**

The freshman students' orientation for DEH 1802L was reviewed on Friday, November 30, 2018. All pertinent clinical operating procedures were covered.

xiv. **Educational Methodology Course/Professional Development Requests**

Karen will request the necessary funds for 2019-2020 to address the following courses: Periodontics, Oral Pathology and Community. These three courses will fulfill the program's requirement necessary for accreditation.

xvi. **Calibration Learning Activities for Faculty**

The faculty participated in three interactive calibration exercises. The dental hygiene instructors worked on calculus detection. The dentists focused on calibrating on grading dental radiographic exposures. The entire group participated in a three-hour presentation on the new AAP staging and grading of periodontitis.

The calibration results were calculated and a discussion amongst faculty ensued. The hygienist's will focus on encouraging students to consider using local anesthesia more frequently for recall patients. The calculus detection cubes will be made available to student to evaluate on Monday's prior to the evaluation of clinical board patients. The faculty will discuss local anesthesia during the random calculus detection selections and with new patients.

The Dentists collaborated on discrepancies identified in their calibration of grading radiographic exercise. Overall, the number of errors were minimal amongst the three dentists.

The periodontal presentation designed to introduce the faculty to the new staging and grading classifications. The faculty have a better understanding of the new changes. Richard will be introducing these classifications to the Cohort Class of 2020. The program will be introduce in the summer the periodontal worksheet designed for students to select the appropriate periodontal criteria for their patient. This form will be upload in smartdoc and will be activated in summer 2019.

Future calibration activities for April 2019 will be periodontal classifications, local anesthesia, radiographs, DHCP and medical conditions. Other ideas will be solicited as we progress through the spring semester.

xvii. Curriculum Results and Revisions for Fall 2018 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 2018 Courses:

1. DEH 1002 Dental Hygiene I Comprehensive Final Examination

Results: The Cohort Class of 2020 scored a class average of 88.8% on the final exam.

Use of Results: The area to reinforce for next year is to focus on the role of the screening assistant to address low scores in the areas of infection control and maintenance of dental equipment. The flipped classroom was a huge success. Student's engagement each week was excellent. The goal is to provide PowerPoints with voiceovers as well as regular PP's and to refine the learning activities associated with dental and periodontal charting.

2. DEH 1002 Dental Hygiene I Written Assignments

Results: The Cohort Class of 2020 scored a class average of 88.8% on the medical brochure.

Use of Results: The medical brochures were excellent this year. The rubric will be revised to include fewer categories but to have more points/category. The area of to improve on for next year is to eliminate “empty spaces” as the most common error for the Cohort Class of 2020.

3. DEH 1002L Dental Hygiene I PreClinic

Results: The results indicate that 90% of the Cohort Class of 2020 scored an 80% or higher on the 14 individual skill evaluations.

Use of Results: The clinical competencies that will be changed to remove allowable errors on specific competencies such as scalers/currets, dental charting and principles of instrumentation. Additional clinical time will be added to address the clinic protocol learning activity to permit more time for students to engage in the documentation of eaglesoft clinical findings.

4. DEH 1130 Oral Histology Comprehensive Final Examination

Results: The results indicate that 81% of the Cohort Class of 2020 scored a 3 or higher on the final exam.

Use of Results: Will spend more time and proceed more slowly to explain the steps in tooth development. Will encourage students to fully understand this process, in order to accurately write the paper on tooth development. This will enhance further knowledge about tooth anatomy and disturbances in development.

5. DEH 1130 Oral Histology Written Assignment

Results: The results indicate that 86% of the Cohort Class of 2020 answered 4 out 5 questions correctly on the comprehensive final examination.

Use of Results: Devote more time to review of basic histology and histology of orofacial structures and enamel, dentin and pulp.

6. DEH 1130 Oral Histology Written Assignment

Results: 92% of the Cohort Class of 2020 scored a 2 or higher on the oral lesion presentation.

Use of Results: The papers were excellent this year. The assignment will be maintained.

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

Results: The grades on this exam ranged from 73% to 95%. The final examination average for the Cohort Class of 2020 was 86.3% with a median score of 86.5%. Most students scored within a close range of average, with a standard deviation of 6.58.

Use of Results: The area that appears weaker remains those questions related to dental impression materials and casts. I plan to incorporate an increased exposure to these materials in lab as described below.

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 even more repetition of working with the

materials that have been the most challenging for the students to recall going forward in future classes.

8. DES 1100C Dental Materials - Lab

Results: The grades on this exam ranged from 53.4% to 97.7%. The average score for the Cohort Class of 2020 was 82.4% and the median score was 85.2%. The majority of students scored within a close range of average, with three scores of less than 70% and three scores over 95%.

Use of Results: Generally, the scoring of the first two of the three learning outcome categories was balanced. The scores were still lower this year for the category with questions related to dental impression materials, and dental casts. I will recommit to placing a stronger emphasis on these subjects in the lab in the coming year with increased hands-on activities.

The cohort class of 2020, as in the past, scored higher on the written final exam than on the lab final practical exam. The laboratory exam focuses more on combining visual identification of materials along with their practical use in dentistry. Therefore, I will incorporate some repetition of working with the materials that have been the most challenging for the students to recall going forward in future classes.

9. DES 1020C Comprehensive Final Examination -Lecture

Results: The Cohort Class of 2020 course average on this exam was 81.9% with a median score of 80.8%. Although the low score was 66.7% and the high score was 96%, the standard deviation was 8.2% indicating most of the students scored within a close range of the average.

Use of Results: One of the goals set at the end of last year was to improve the scores in the second learning outcome, in order to increase the student's knowledge of the relationship of the anatomy to local anesthesia. There was an improvement in this area and it will be interesting to see if this carries forward in the clinic.

Although there was approximately a 1.5% increase from the previous cohort, this class did not perform to expectations on this exam. Although a part of this may be attributed to the timing of the exam, I will work towards continuing to improve in providing repetition of the material as it carries from the early part of the semester and cumulatively progresses.

10. DES 1020C Dental Anatomy - Tooth Drawings Lab

Results: 48.6% of the Cohort Class of 2020 scored an average of 94% or greater, and 43.8% of the Cohort Class of 2020 scored an average of 85% or higher on the tooth anatomy lab drawings. Two students struggled through the entire semester with the drawings.

Use of Results: Historically the drawings start off slowly as the students are introduced to concepts weekly regarding tooth anatomy and can incorporate those concepts more efficiently going forward. To help with that this year, I developed two PowerPoint "self-tutorials", which also served well as a reference of communication when helping the students. Additionally, this group was proactive in asking for help early on, which tapered off as the concepts were learned.

11. DEH 2702 Community Dental Health Comprehensive Final Examination

Results: 96% of the Cohort Class of 2019 scored a 3 or above on the final examination.

Use of Results: There was a new textbook and power points for this course with at least 50 new questions on the final examination so comparison to previous final examinations would not be

valid. The area that needs the most improvement according to this rubric is "Develop and present a community dental health program that promotes health and prevents disease." The information for this area is presented in the beginning of the semester and may not have been reviewed thoroughly enough by the students before the examination because more complex information was presented at the end of the semester. That being said, the area that needs the most improvement when I analyzed the entire exam was the ability of students to recognize the types of research designs, specifically cross-sectional studies. The other area that needs improvement is students recognizing which statistical test to use when analyzing data from a research study. To correct these areas I will present practice case scenarios that can be done prior to the final exam so I can identify problem areas and address it with the student.

12. DEH 2702L Community Dental Health Lab

Results: 100% of the Cohort Class of 2019 participated in a variety of community educational oral health educational activities with local agencies.

Use of Results: The program will maintain community relationships with local agencies to educate diverse populations about their oral health.

13. DEH 2806 Dental Hygiene IV Comprehensive Final Examination

Results: The results indicate that 95% of the Cohort Class of 2019 scored a 3 or higher on the final exam.

Use of Results: Historically the drawings start off slowly as the students are introduced to concepts weekly regarding tooth anatomy and can incorporate those concepts more efficiently going forward. To help with that this year, I developed two PowerPoint "self-tutorials", which also served well as a reference of communication when helping the students. Additionally, this group was proactive in asking for help early on, which tapered off as the concepts were learned.

14. DEH 2806L Dental Hygiene IV Clinic

Results: 86% of the Cohort Class of 2019 scored a four on sixteen patient care and radiographic competency categories.

Use of Results: The current competency requirement and outcomes continue to demonstrate students are successful in the delivery of patient care services and radiographic exposures. The program provides students an opportunity to expose multiple radiographic surveys which permits improvement in the quality of radiographic exposure, technique evaluation and landmark interpretations. The program will maintain the number of required competencies in DEH 2806L, Dental Hygiene IV Clinic.

15. DEH 2400 Oral Pathology Comprehensive Final Examination

Results: 84% of the Cohort Class of 2019 scored a 3 or higher on the final examination.

Use of Results: Improve delivery of immunology and inflammation through upgraded Power Points to include additional animations to help simplify concepts. Add additional discussions on oral manifestations of systemic diseases

xviii. Program Analysis

1. **Fall Patient Surveys – Fall of 2018**

Results: SLO: 96.3% of the survey responses indicate patients ranked their satisfaction with the dental hygiene services provided by students as either excellent and/or very good. **Operational Learning Outcomes:** 97.7% of the patients were satisfied with the cost, appointment response time and hours of operation.

Use of Results: SLO: The program students will continue to strive to provide quality dental hygiene services. **OLO:** The Dental Faculty and Staff will maintain a high standard of dental hygiene care.

2. **Fall Chart Reviews**

Results: The Cohort Class of 2019 scored a class average of 96.6% accuracy in documentation of the DHCP. The Cohort Class of 2019 scored a class average of 84.5% accuracy in the prevention of medical errors in documentation

Use of Results: The goal of the faculty and students is to focus on “Attention to detail” when documenting clinical data as well as evaluating accuracy of documentation. The goal by the program is to reduce the errors in documentation from 14% to less than 7% by the end of the spring 2019 semester.

g. Cohort Class of 2018 - 6-month Graduate Survey:

Results: The 6-month graduate survey response was 55.5% rate (10-18 graduates responded to the survey). 100% of the respondents ranked their satisfaction with their preparedness for employment as excellent. The salary range was from \$29-\$37/hr. The average salary was \$33.5. The employer survey response was 27% (5 out of 18). Verbal communication from graduates indicates everyone is employed but are seeking new positions.

Use of Results: The graduates report a need to work on the Expanded Function employment skills. This category was added to the survey from 2019. 40% of the graduates indicate a need for the program to increase the number of weeks the students treat 6-8 patients/day. The schedule and faculty availability for spring 2019 will be determined if the FT Dental Clinic Supervisor position is filled. The goal would be to increase the number of weeks scheduled in 2019 from three day of 6-8 patient/day to four weeks of 6-8 patients/day.

h. Cohort Class of 2018 - Employer Survey

- **Results:** The Cohort Class of 2018, Employer Survey response rate increased from 24% in 2018 from 9% in 2017.
- i. **Use of Results:** The program reached out through email and verbal communication with graduates to encourage graduates to ask their employers to respond to the graduate survey. As a result of this contact, we will continue to communicate using email to increase the employer response rate to 40% for the Cohort Class of 2019.

j. Other Business No other business discussed.

k. The next meeting is scheduled for a day during the May 2-3, 2019.