

Dental Hygiene Department

Dental Hygiene Department Faculty/Curriculum Revision Meeting
May 5, 2022 at 9:00 - 12:00 p.m.

	Present	Absent	Excused
Faculty			
Karen Molumby (Professor)	√		
Carol Chapman (Professor)			√
Jami Ware (Professor)	√		
Dr. Suni Koshy (Professor)	√		
Clori Atkins (Professor)			√
Natalie Schmidt (Professor)	√		
Dr. Magdaline Britto (Professor)	√		
Staci Dennis (Professor)	√		
Nancy Schuette (Staff Assistant)	√		
Dr. Richard Olitsky (Professor)			√

Administrative

a. Retirements, New and Returning Faculty

- i. Richard and Carol officially retired as of April 29, 2022. The program welcomed two new faculty in February (Deanna-Clinical Associate) and March (Dr. Koshy). Yessenia is returning in the fall 2022 semester to teach Oral Pathology. Dr. Beckner will return to teach pharmacology.
- ii. CPR updates – July expirations

b. Front Office

- i. Screening Assistant- Screened patients will fill cancellations for students that are scheduled to treat patients.
- ii. Patient Survey week – 1st week in June. This will be the first opportunity for the freshman to do the surveys.
- iii. Temperature checks for patients will be discontinued.

c. FSW Curriculum Committee - FSW curriculum committee approved the DH program changes to include the Civics course. The program reduced one credit from DEH 1002, DEH 1602 and DES 1200C.

d. Accreditation 2022-

1. **May 1, 2022** – The DH progress report was submitted on May 1, 2022 to have standard 2-16 approved. The CODA will meet in July 2022 to review all program progress reports. If approved the program will be identified as “accredited with no reporting”.
2. **The program adjusted course content in the following courses to address the accreditation standard 2-16. These courses include DEH 1802, DEH 2702, DEH 2806, and DEH 2930.**
3. **Verification of Textbooks, instruments, small and large equipment** documents will be updated as received from the vendors. Stacy handles the books and Jami records the instruments and equipment.

d. Clinical Issues

i. Tal eval

- Tal eval will only be completed for new patients for the rest of the program for the class of 2023.
 - a. No summer chart reviews and/or clinical advising
- ii. Eaglesoft Messenger will be the method of communication used in the clinic.
- iii. PPE protocol – Temperature checks will NOT be taken prior to the start of clinic for students.

- The PPE for the students will include a face shield, hair net, two masks, and safety glasses.
 - Faculty will continue to wear disposable gowns and use mobile carts.
 - **Defogging** – The defogger will be used at the end of the clinical session when in clinic.
- iv. Masks will be optional in A-142 for students.
- e. **Summer Course Syllabus and office hours:**
- d. DEH 2804, Dental Hygiene III is due May 9th. Office Hours have been completed and posted outside the faculty offices.
- e. **Faculty Clinical Evaluations (Spring 2022)**
Faculty evaluation results were provided. Clinical improvement plans are due May 10, 2022. SOS were released on May 4, 2022
- f. **Program Examination and Licensure Examination Statistics**
- a. NBDHE – one student was unsuccessful in the Class of 2022. They are scheduled to take the exam in May. The Program pass rate is 99.5% for 27-years
 - b. CSCE – 100% pass rate for 11-consecutive years
 - c. MTCE-The FOB passed the MTCE. This became effective on April 6, 2022. The result of the MTCE exam for the Cohort Class of 2022 were not known as of May 6, 2022
 - d. Florida Law Exam –A 86% pass rate on the first attempt was achieved by the Cohort Class of 2022.
 - e. 8-year comparison – A comparison chart was illustrated to demonstrate the decline in students lecture progress for the Class of 2022.
- g. **Program Statistics**
- a. Class of 2022 – **The Program Exit Survey** which is designed for students to evaluate their progress throughout the entire program was distributed. The response rate was approximately 43%. Three reminder emails were sent to the Cohort to obtain as many responses as possible. Many questions had 1 student who did not rank their performance as favorable pertaining to specific skills.
 - b. Class of 2021: 6-month and employer survey results. The graduates report more interest in administering local anesthesia and how to talk with the dentist in private practice.
- h. **Program Award Letter** –
- a. The 2022 program award letter notifications were mailed to the recipient’s homes prior to graduation.
- i. **St. Petersburg College BASDH Application:** Class of 2023 applicants to be reviewed after the submission of their applications by June 1, 2022. The faculty will be reviewing candidate by June 15, 2022. The BASDH program director is Barbara Mulholland who replaces Christine Patel.
- j. **Program Selection:**
- a. Class of 2024 – 28 Candidates were asked to complete the CBC/drug screen. Only 26 completed this requirement. 18 applicants were sent acceptance letters and 7 received alternate letters.
- k. **Fall Semester Preparation -**
- a. Program Orientation - Cohort Class of 2024
 1. The first program orientation is scheduled for June 3, 2022. This will be held in A-142.
 - a. Class uniform color: The color for the Class of 2024 will be pewter. Uniforms will be ordered from Sew Shore in Naples.
 2. Class of 2024
 - a. The 2nd Orientation for the Cohort Class of 2023 is Monday, August 15, 2022. The following topics will be covered:
 1. Distribute the instrument kit and uniforms.
 2. HIPAA, Bloodborne Pathogens, OSHA, BMW training.

- a. Jami and Magdaline will present these topics.
 3. Study Skills presentation
 - a. Stacy will present this topic.
 4. Program director meeting w/students
3. August 23, 2022: There will be no clinic. The class of 2023 will have clinic on Tuesday and Thursdays. The following tasks will occur on this day
- a. Student clinic set-up
 - b. HIPAA, Bloodborne Pathogens, OSHA
 - c. EMS Drill practice and active shooter
 - d. Local Anesthesia practice on manikins
 - e. Stacy – Online orientation w/students
 - f. Program director meeting w/students
- j. **Fall 2022 final exam schedule will be the following:**
- Sophomore students (Class of 2022)**
- November 21 (Dental Hygiene IV) @9:00
 - November 28 (Oral Pathology) @9:00
 - December 1 (Community Dental Health) @9:00
- Freshman students (Class of 2023):**
- November 9 (DM Lab final) @12:00
 - November 16 (Dental Materials) @8:00
 - November 28 (Dental Hygiene) @8:00
 - November 30 (Oral Histology) @8:00
 - December 5 (Dental Anatomy) @8:00
 - December 2 (First Patient). 8:00-5:00
- k. **The EMS Simulation and First Patient** - exercise will be held on Friday, November 4, 2022 as well as the first patient day which is tentatively scheduled for Friday, December 2, 2022. The dentists will need to make their schedules available to participate.
- l. **Disposition of Records:**
- Course examinations from the spring semester of 2021
 - Applicant program admission records from 2017.
- m. **Perkins Funding:** Faculty will need to make requests for small and large equipment for the classroom and/or clinic.
- n. **Orientation to the new and existing DH Faculty pertaining to the following:**
- a. **Program Goals and Mission Statement:**
The Program goals will remain the same. These goals are listed in each course syllabus. How the goals are met is documented in a program report and transferred to the Compliance Assist report at the end-of-the semester.
 - o. **Instructor Key Concepts for New Professors** - Topics discussed were:
 - a. FERPA

- b. Course Syllabus PDF upload and word version submission to the program director.
 - c. Remediation – clinical and didactic remediation was explained and protocol reviewed. Faculty were provided a copy of the remediation form as a reference.
 - d. Examinations and Quiz Policy on Campus - faculty who use A-142 computers to administer quizzes and test in the classroom must have a password to be given the day of the exam. The purpose is to minimize cheating on examinations.
 - e. Proctorio Examinations - require students to have the appropriate computer requirements and a webcam.
 - f. Release of Semester Examinations – Exams are not released until the last exam has been taken. These examinations are not reviewable by students.
 - g. Learning Activities – Time allotment – Assignments – Textbook Chapters are required for all course. Extra credit can be given but no food and/or gifts are permitted.
 - h. Study guides should not be provided to students. Reviewing material is an option.
 - i. Instructional objectives are used to formulate quiz/exam questions. These questions are used to evaluate the success of the material covered in the course.
 - j. Classroom down number 11074 was explained to all faculty. Password is changed on a monthly basis. Whoever changes the password must send a text to all faculty to inform them of the password change.
- p. **Institutional Effectiveness (IE) Report – June 2022:** Compliance Assist Reports
- 1. NBDDHE –
Results: The DH program has a 92.8% pass rate on the NBDHE. The class of 2022 scored a SD of 1.23 and tested above the national average in 13/14 subject areas.
Use of Results: The dental hygiene course final examinations will continue to focus on the inclusion of a case-study question format to maintain an overall standard deviation score above the national average.
 - 2. CSCE –
Results: 100% of the Cohort Class of 2022 passed the CSCE examination on their first attempt for the 9th consecutive year.
Use of Results: The program will review the radiology test question in the mock board examination set-up to remove questions that pertain to the processing of standard radiographs due to the inclusion of digital radiographs on the boards. The results from this examination will assist the program in improving SLO in dental core courses. The program will update and revise the mock written examinations to ensure students pass the CSCE for the 12th consecutive year for the Cohort Class of 2023.
 - 3. MTCE - Clinical Board –
Results: The examination was officially approved as a maniken examination format effective April 6, 2022. The conversion of the patient examination to the maniken will eliminate the need for students to evaluate a live patient for clinical standard qualifications. The results were not known at the time of faculty meeting.
Use of Results: The dental hygiene will be purchasing MTCE examination models that will mimic the MTCE examination sponsored by ADEX.
 - 4. Florida Law Examination –
Results: 85.7% of the Cohort Class of 2022 passed the Florida Law Examination.

Use of Results: the mock Florida law exam in the DEH 2930, Seminar course will maintain an “open-book” and computerized format to maintain the programs' 100% pass rate on the Florida Law exam for the Cohort Class of 2023.

5. **Patient Surveys** – 2021-2022 Annual Patient Survey

a. **Patient Care Services Response Results:**

Results: The program captured 171 annual patient survey responses as well as a 94% of the respondents were satisfied with the student’s delivery of patient care services as measured by the patient surveys collected for the AY 2021-2022.

Use of Results: The faculty reviewed the survey feedback and will continue to distribute the patient surveys 1-2x/semester to maintain a >90% patient ranking of very good to excellent satisfaction in the delivery of patient care services for the AY 2022-2023.

b. **Operational Outcomes Response**

Results: 99.2% of the respondents stated that their experience was very good to excellent.

Use of Results: The respondents were very appreciative of the service, the response time in returning phone calls, dental clinic hours of operation and cost.

6. **Class of 2022 – Program Exit Survey**

Results: The AS Dental Hygiene Class of 2022 respondents were satisfied with their ranking of agree-to-strongly agree for the 60/60 survey questions. The recommendation was to spend more time treating 6-8 patients/day as early as February in the last clinical semester.

Use of Results: The recommendation was to spend more time treating 6-8 patients/day as early as February.

7. **Quality Assurance (DHCP and Patient Chart Review):** - Analysis:

Results: The Cohort Class of 2022 achieved an overall documentation accuracy of 88.9% for patient care services as measured by the Dental Hygiene Care Plan (DHCP) and Patient Chart Reviews for the AY 2021-2022.

Use of Results: the faculty determined that the Cohort Class of 2023 enter notes as soon as they are verified to avoid entering data at the end of the appointment verses doing it ongoing to prevent medical errors.

8. **Clinical Advising Class of 2022** –

Results: The Cohort Class of 2022 scored an overall class average of a 91.2% for the clinical and capstone performance skill evaluations required to progress through the program as measured by the programmatic analysis of the ADPIED, Dental Hygiene Process of Care for the AY 2021-2022.

Use of Results: The Program implements clinical competencies and capstone evaluations to identify whether students are competent in the application of theoretical concepts in the delivery of patient care services in a clinical setting with diverse populations. The goal for the Cohort Class of 2023 will be to maintain an overall programmatic class average of >90% for the clinical and capstone performance skill evaluations for the AY 2022-2023.

9. **Faculty Clinical Instruction Analysis** –DEH 2806L and DEH 2808L Faculty Evaluations.

Results: The Dental Hygiene Program faculty maintained an overall clinical instructor ranking of 92.9% for all 14 categories as measured by the Dental Clinical Faculty survey for the AY 2021-2022. The faculty improved upon their instruction by 13% from 79% to 92% as compared to the AY2021-2022.

Use of Results: The goal for the faculty is to maintain an overall programmatic instructional ranking of >90% for all clinic survey categories for the AY 2022-2023.

10. **Program Analysis Results for the Class of 2022** - The faculty reviewed the program outcomes obtained by the Class of 2022. This information is collected for every clinical course. The information is used to identify areas to either maintain or improve upon within the program.

a. Program Semester Comparison of the ADPIED, DH Process of Care evaluations.

- b. Program Analysis of Patient Types
- c. End-Product/Radiographic Patient Exposure Progression
- d. Special needs designation

a. ADPIED, DH Process of Care:

Results: The Cohort Class of 2022 scored an overall class average of a 97.4% for the clinical and capstone performance skill evaluations required to progress through the program as measured by the programmatic analysis of the ADPIED, Dental Hygiene Process of Care for the AY 2021-2022.

Use of Results: The Program implements clinical competencies and capstone evaluations to identify whether students are competent in the application of theoretical concepts in the delivery of patient care services in a clinical setting with diverse populations. The Cohort Class of 2023 will maintain an overall programmatic class average of >90% for the clinical and capstone performance skill evaluations for the AY 2022-2023.

b. Program Analysis of Patient Types:

Results: 100% of the AS Dental Hygiene Cohort Class of 2022 provide dental hygiene patient-care services to ≥ 151 patients/student to include $\geq 19\%$ diverse populations that are classified as specific periodontal case types for the child, adolescent, adult, geriatric and special-needs designations.

Use of Results: The goal for the Cohort Class of 2023 is to maintain a programmatic average of >150 patients/student of which more than 20% will be special needs.

c. Program Clinical Radiographic Patient Exposure Progression:

Results: The AS Dental Hygiene Class of 2022 scored an overall program average of a 94% to effectively expose, process, and evaluate radiographs as measured by the radiographic competencies for the AY 2021-2022.

- d. Use of Results:** The faculty will continue to reinforce equal distribution of radiographic exposures by having the screening assistant expose all screened patients that are reassigned to other students during their screening assistant assigned rotation. By the end of the spring 2023 semester, the Cohort Class of 2023 will maintain an overall program average of >90% to effectively expose, process and evaluate radiographs for the AY 2022-2023.

IE – CODA - STUDENT LEARNING OUTCOMES/CURRICULUM REVISION

11. **Curriculum Revision for spring 2022 Course** -The faculty review the curriculum each semester by having each individual course instructor discuss their Student Learning Outcome results and how they plan to improve their course(s). The courses reviewed in spring were: Expanded Functions, Pharmacology, Periodontics, Dental Hygiene II & V, Seminar, Radiology and Dental Hygiene II & V Clinic.

1. DEH 1802 Dental Hygiene II Comprehensive Final Examination-

Results: 94% of the Cohort Class of 2023 scored a three or higher on the final exam.

Use of Results: There were improvements in all the objectives. The topic of fluoride although improved still needs to be addressed/improved. The question missed most was not knowing the classification of Dean's Fluoride Index. Students also need to be clear on the difference between systemic and topical fluoride.

DEH 1802 Dental Hygiene II Written-Oral Assignments:

a. Smoking-Cessation

Results: Class of 2023 scored an average of 89% on this assignment.

Use of Results: Deficiencies were noted were proper grammar and spelling and format issues.

b. Nutritional Counseling

Results: The Cohort Class of 2023 scored an overall class average of 100%. Slight deficiencies were noted in the areas of maintaining eye contact, use of visual aids and staying within the time frame.

Use of Results: Add discussion question on dentinal hypersensitivity to further reinforce the learning outcome.

2. DEH 1802L-: Dental Hygiene II Clinic

Results: 100% of the Cohort Class of 2022 scored a class average of 96.4% on all DEH II patient care competencies

Use of Results: The students had the benefit of taking multiple FMX and Panoramic radiographs due to the College-wide marketing campaign to generate more patients to seek services within our dental clinic.

3. DEH 1602 Periodontics Comprehensive Final Examination –:

Results: 78.4% of the Cohort Class of 2021 scored a 3 or higher on the final examination

Use of Results: Use additional learning aids in the discussion of nonsurgical vs surgical periodontal therapy

4. DES 1200C Dental Radiology Comprehensive Final Examination:

Results: 76% of the Cohort Class of 2023 scored a three or higher on the final examination.

Use of Results: Scores overall were lower this year than last. Those getting 4 or 5/5 correct went down from 84% to 76%. Goal to improve in technique error (learning objective #8) and landmark category (learning obj #9) was not met, as students either scored the same (technique errors) or slightly lower (anatomic landmarks). This statistic is surprising, as this class is doing well on technique and landmark assignments- as is evident on the lab competency results. Again, I think students are quickly responding to questions before taking the time to read them. When a key word is overlooked in the landmark description, they choose the incorrect answer. So many of them finish the exam early and do not use the full time allotted. Goal for next year is to improve in this area as well as in biological effects and physics (learning objective #6).

Radiographic Interpretation – Lab section

Results: 100% of the Cohort Class of 2023 scored a three or higher on the final examination.

Use of Results: Scores were lower with 88% this year and 93% last year in the 80-100% categories.

Goal is to improve scores overall by continuing to go over selected interpretation exercises during class and in lab.

Radiology Research Paper

Results: 100% of the Cohort Class of 2023 scored a 2 or higher on the research project.

Use of Results: Overall, scores are very similar to previous years. Still seeing that points are taken off in grammar and APA categories. Some this year were also taken off for not meeting the 3-page minimum length requirement. Those scoring in the first column with full points was 80% this year and 84 % last year, however, no students scored in the las column this year for any of the criteria (2% last year). Goal for next year will be to continue improvement in grammar and APA by utilizing the writing center recommendations.

5. DES 2832C Expanded Functions Comprehensive Final Examination:

Results: 97% of the Cohort Class of 2022 scored a three or higher on the laboratory competencies.

Use of Results: Use of Results: This class performed satisfactorily on this exam with scores ranging from 48% to 92% with a class average of 78%. There are questions that involved critical thinking in relating these topics of clinical dentistry to actual clinical practice. Additionally, there is an emphasis on how the Florida Statutes relate specifically to the topics being presented. This class was very engaged in the lectures which were all voice overs and discussions throughout the semester and at the end through Zoom, which enhanced the learning environment and there was significant interest in the topics as they relate to clinical practice which culminated in the final exam results. The treatment planning sessions were an integral part of the course with the goal of having the students apply the knowledge they have learned throughout their education into an actual clinical situation. I initiated preparation well in advance through a “back and forth” dialogue with each individual student about their specific case through Canvas. This encouraged critical thinking regarding current concepts, as well as the actual treatment presentation itself. My goal was to have them view oral health and oral health care on a comprehensive basis. This discussion progressed and culminated with the actual presentations. But due to the onset of pandemic, I changed this presentation as voiceovers and peer review. The student’s presentations ranged from excellent to mediocre. The students level of understanding on various aspects of clinical dentistry, that will be presented in every day practice was outstanding and I feel it was a success.

DEH 2832C Laboratory

Results: 100% of the Cohort Class of 2022 scored a three or higher on the laboratory competencies.

Use of Results: The clinical presentations and lab exercises include all procedures listed for expanded function dental hygienists by the state of Florida that were not covered in Dental Materials. Additionally, the materials and techniques are designed to resemble the standards of today’s modern practices, while still being sure to familiarize the students with more “traditional” methods and materials. As noted in previous classes, the majority of students persisted with the exercises in order to accomplish it as ideally as possible. Though we were in the midst of Pandemic we still had In person lab and the students fulfilled all their hands on training on Expanded functions.

6. **DEH 2300 Research Report**

Pharmacology Research Paper

Results: 100% of the Cohort Class of 2023 scored a three or higher.

Use of Results: The goal of this assignment is for the student to research various drugs commonly used in the local patient demographics and apply the didactic knowledge of the pharmacology of these drugs to a practical clinical example. The papers were fairly well written with an acceptable level of effort put into the assignment by the great majority of the students. This assignment will be continued for the next year.

Pharmacology Comprehensive Final Examination

Results: The Cohort Class of 2023 scored an overall final exam average of 79%. The final Cohort Course average was 87.7%.

Use of Results: The course had a new professor teach this course. The professor’s background was in pharmacology which helped students to understand the relationship of the medical condition with the interaction of several drugs. The professor explained what

was relevant and necessary for students to know. This professor collaborated with a dentist on a weekly basis to determine what was necessary information for application in a dental practice.

DEH 2808L Dental Hygiene V Clinical Competencies -

Results: The Cohort Class of 2022 overall course average for patient care and radiographic competencies was **97.7%**.

Use of Results: The program will maintain the current competencies.

7. DEH 2808 Dental Hygiene V Resume

Results: The Cohort Class of 2021 scored a class average of **94.0%** on the Resume Assignment.

Use of Results: The overall appearance of the resume was fantastic. The errors that the Cohort had was reversing the of the education and work experience section, personal information and excluding a website to create their resume. The PP will need to emphasize that a new graduate will need to have their degree listed first and then their work experience since the job they are seeking as a dental hygienist will be a first-time employment situation.

8. DEH 2930 Seminar

Portfolio:

Results: 100% of the Cohort Class of 2022 scored a three or higher on the portfolio assignment.

Use of Results: Students added an image to each page which made the presentation more appealing. The students did an excellent job portraying who they are and goals for their careers.

DEH 2930 Case Presentation:

Results: 100% of the Cohort Class of 2022 scored a two or higher on the case study assignment.

Use of Results: The students presented excellent case study presentations. The quality of radiographs and IOC photographs enhanced their presentation. The voice-over presentations were outstanding.

Students were proud of their cases and talked passionately about their results. The oral case presentation criteria will be maintained.

DEH 2930 Seminar Comprehensive Florida Law Examination:

Results: The Class of 2022 scored an overall law exam average of 92.2% The questions that scored below a class average of 74% pertained to root planning supervision, chapter sections names such as 466 and 64B5, retaking the exam based on failing one section, courses needed for every license renewal, pre-assess and chart oral cavity, how an impression is sent to a lab, monitoring of nitrous oxide, dental assistant radiographic training, supervision of topical fluoride, and what year they renew license.

Use of Results: The examination will continue to be an open book test. The two students who did not prepare well for the exam doesn't reflect the 89% of the cohort who did complete the examination successfully.

The next faculty meeting is scheduled for August 18 and/or 19, 2022.