

Dental Hygiene Department

Dental Hygiene Department Faculty/Curriculum Revision Meeting
May 5, 2021 at 9:30 - 1:00 p.m.

	Present	Absent	Excused
Faculty			
Karen Molumby (Professor)	√		
Carol Chapman (Professor)	√		
Jami Ware (Professor)	√		
Dr. Deb Lux (Professor)	√		
Clori Atkins (Professor)	√		
Natalie Schmidt (Professor)	√		
Dr. Magdaline Britto (Professor)	√		
Yessenia Iglesias (Professor)	√		
Nancy Schuette (Staff Assistant)	√		
Dr. Richard Olitsky (Professor)			

Administrative

- a. **Dean of School of Health Professions-** The search for the Dean, SoHP was a failed search. There were 42 applicants and four were selected to come to campus. Three candidates withdrew. The job will be reposted and a national search will be done. The committee will begin the process in summer to identify candidates for the position.
- b. **Retirements and New Position Funding**
 - i. Yessenia and Carol are retiring as of May 14th and June 30, 2021. The Interview Committee is comprised of Carol, Clori and Jami. The Committee had nine applicants with six-interviews scheduled for May 5-6, 2021. The goal is to have the new faculty hired by July 1, 2021
- c. **Front Office**
 - i. Screening Assistant- Screened patients will fill cancellations for students treating patients. When a patient is screened, the dentist must sit and examine patient. The 10.00 fee should be explained by the dentist at the screening appointment to prepare the patient in the event of three or more appointments need to complete care.
 - ii. Patient Survey week – 1st week in June. This will be the first opportunity for the freshman to do the surveys.
 - iii. Clinical advising 1st week in June – Only one clinical advising this summer
 - iv. Tal eval is to be implemented for new patients only.
 - v. Patient check-in -Freshman will do the temperature check and will ask the patient questions about their COVID-19 exposure. The SA Student will arrive at 7:10 to set up central sterilization, screening room and be prepared for patient check patient by 7:30.
- d. **Accreditation 2022-**
 1. **February 3-4, 2022** – The site visit has not been determined whether it will be VIRTUAL OR LIVE. A live site visit will consist of the following representation: – 1 Dentist, 1-Hygienist, 1-Staff (Hygienist). The Department of Education in each State mandate a portion of the site visit to be live. This determination has not been removed by the DOE.
 2. **Schedule of Events** – time slots
 - a. A schedule of events will be outlined by early fall once we know who the site visitors will be. Each faculty member responsible for teaching a lecture course will be required to meet with the committee at a designated time.

- b. Clinical hygiene faculty responsible for patient care rotations will meet together at one time. The main questions to be aware of clinical protocol, calibration, communication, clinical advising.

3. Format

- a. The committee is prepared to ask the lead instructors questions regarding their course outcomes and instructional objectives as published in every course syllabus. The faculty will need to submit their course syllabus and final examination for their fall 2020 and spring 2021 courses. The items need to be sent to the program director in a word document.
 - i. Faculty will need to be prepared to explain course projects and/or learning activities provided in the course. Possibly even the rubrics will be discussed for oral and written assignments.

4. Advisory Board Members – The Advisory Board will be required to either attend a live lunch and/or a zoom meeting dependent upon the site visit being virtual and/or live. The third part complaint document was the ABC following the meeting in April 2021.

- a. The advertisement for faculty and students is announced in the student handbook and located on the clinical courses.
- b. For the public this notification is listed in the patient rights, a document posted in the reception room.
- c. The college will publish the notification on our website and submit verification to the newspapers.

5. Courses –

- a. **Oral histology and Oral pathology** – Dr. Olitsky will be available to be in attendance for the site committee to assist with questions pertaining to his former courses taught.
- b. **Courses taught by Clori and Carol** – The program director will ask for the new faculty who will replace eventually replace these faculty members as a lead instructor to permit the new faculty to attend the meeting to experience the process.

6. Faculty credentials – CPR, TB Skin Test, Licenses, CE pertaining to the courses taught will be required to be onsite exhibit for site visitors. Faculty will be required to present an place their credentials in the binder. The binder will be left on the desk between Carol's and Yessenia's work stations in A-148.

- a. CE credit for coursed attended at Amelia Island will need to be included in the binder. Another resource to look into is to check CE course offered in the faculty subject area sponsored by Crest and Oral B at www.dentalcare.com

7. Educational methodology – The faculty who are scheduled for taking the educational methodology course at the end of July 2021 are: Clori, Deb, Magdaline, and the new faculty to be hired. The courses scheduled for specific classes are already paid for. The accommodations are reserved. However, these courses have not yet been paid by the college. No funds are available with the program budget for this type of expense.

8. BioSketch – Faculty were asked to review their bioSketch document and update it with any changes. Once completed, the document should be resubmitted to Karen.

9. Program manuals: The following manuals are being revised by:

- a. Program manual- Karen
- b. COVID-19- Yessenia
- c. Front Desk – Nancy
- d. Administrative Procedures for Clinic Maintenance-Yessenia

10. **Library resources** – Karen, Jami and Natalie will meet with the Librarian to update books, magazine and other materials.
11. **SDS/ BMW** manuals and training will be done by Jami-
12. **OSHA/HIPAA Training** – Jami and Magdaline will present.
13. **Study Skills** – Carol will do the study skills presentation. One of the new faculty will take over.
14. **Textbooks, Small and large equipment** documents will be updated by Jami. Any orders that come in need to go through Jami to ensure the items are logged. The textbooks available in instructors' cabinets, classroom and program director will also need to be updates.
 - a. The items in 9-14 will be exhibits for the accreditation site visit.

e. **Clinical Issues**

1. **Morning check-in** – Faculty identified who will be responsible to check students in and to do the EOD on the same day.
 - Tuesday – Clori
 - Wednesday – Carol
 - Thursday – Jami
 - Friday - Natalie
2. **Messenger** - medical history – The dentists are documenting in the patient's chart that the medical history has been approved and/or the reason why the patient has been dismissed.
 - The faculty would like to have a chime button added to the messenger feature to alert faculty. Karen will look into this again with IT.
3. **Blood pressure** – Blood pressure clinical guidelines were reviewed. The clinic protocol will follow the AHA guidelines. Students are required to notify the DCS if the blood pressure reading has one of the following readings 160/100. The dentist will retake the blood pressure and discuss with the patient their background. If the blood pressure has either 180/110 recorded, the patient will be dismissed from further evaluation and clearance for future treatment.
 - The medical release form will be signed.
4. **Premedication** – The medical scenarios associated with premedication were reviewed. Patient with an artificial heart valve, heart valve repair and previous history of endocarditis (rare) require premedication.
 - 6 month-delay in treatment – Stroke, open heart surgery, MI will be delayed.
5. **Scaling and root planning** – Faculty discussed DHCP that indicate a potential need for scaling/root planning. Faculty felt a need for students to recognize such cases, consider local anesthesia and to encourage follow-through with scaling and root planning procedures and follow-up re-evaluation
 - Clori will cover these details again in the DH-3 class this summer. The goal is to apply treatment modalities as needed to address clinical issues and to incorporate local anesthesia verses oraqix as the alternate method.
6. **Prophyjet** (new system) – Faculty agreed to include the prophyjet use for any patient that qualifies to have this equipment used in the delivery of patient care services.
7. **Screening assistant** – responsible to maintain the central sterilization throughout the day.
8. **Radiograph grading** – The DCS are responsible to do all grading of radiographs for each clinical session.
9. **PPE** – KN95, Hair net, disposable gowns and face shield will continue to be the clinic protocol. Student may not be on the clinic floor without this PPE.

10. **Defogging** – The faculty discussed the continued use of the defogger during clinic. The decision was agreed to continue to use the defogger for the summer but to limit its use to the end of the clinical sessions. The defogging process should be the last task that the faculty and student does prior to leaving for the lunch and home.

f. **Workshop – Faculty Calibration Exercises**

- i. Dental Radiograph interpretation and landmark interpretation results – Clori explained the results of the radiographic interpretation/landmark completed by clinical hygienists and dentists. The case that was presented had many challenges. The goal was to identify what is expected of the students and what our role is as an educator.

g. **Program Course Statistics**

- i. NBDHE – one student was unsuccessful. The Cohort Class of 2021 chipped in money to pay for the student to retake the exam. Program pass rate is 99.8% for 26-years
- ii. CSCE – 100% pass rate for 10-consecutive years
- iii. MTCE-94% pass rate on the first attempt
- iv. Florida Law Exam – 100% pass rate.
- v. 8-year comparison – A comparison chart was illustrated to demonstrate the decline in students lecture progress for the Class of 2022. A discussion on what can be done to try to improve performance:
- Complete remediation forms with particular students
 - Issue discipline reports for procedural errors
 - Implement the random checking of student clinical performance
 - Lecture course examinations should be offered as a computer test in A-142 or paper
 - Offer one class for each cohort 2022 and 2023 as a face-to-face course verses any other modality.
- a. Oral pathology and Oral histology will be held on campus for fall 2022

h. **Faculty Clinical Evaluations (Spring 2021)**

Emailed results on April 27, 2021. Clinical improvement plans are due May 7, 2021.

i. **Award Letter and Graduation Luncheon** –

- i. Class picture 2020 and 2021 was sent to Trophy case and money was returned to the class of 2021. The class of 2020 will be mailed.
- ii. The award letter notification occurred in person for each recipient who was voted to receive the award by faculty. All recipients were overwhelmed with the honors.

j. **Summer Course Syllabus:**

- i. DEH 2804, Dental Hygiene III is due May 10th.

k. **Program Selection:**

- i. Class of 2023 – 30 Candidates were asked to complete the CBC/drug screen. Only 24 completed this requirement. 18 applicants were sent acceptance letters and 6 received alternate letters. As of today's date: 16 female and 1 male accepted the seat. One candidate turned down their seat.

l. **Fall Semester Preparation -**

a. **Program Orientation - Cohort Class of 2023**

1. The first program orientation is scheduled for June 11, 2021. This will be held in A-103.
- a. **Class uniform color:** The color for the Class of 2023 will be eggplant. Uniforms will be ordered from Gulf Coast Uniform online.
2. Class of 2023
- a. 2nd Orientation is Monday, August 16, 2021. The following topics will be covered.
1. August 16, 2021

2. Instrument kit and uniform delivery.
 3. HIPAA, Bloodborne Pathogens, OSHA, BMW training.
 4. Study Skills presentation
 5. Program director meeting w/students
3. August 24, 2021: There will be no clinic. The class of 2022 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. Carol – Online orientation w/students
 - f. Program director meeting w/students
- j. **Fall 2021 final exam schedule will be the following:**
- Sophomore students (Class of 2022)**
- November 22 (Dental Hygiene IV) @9:00
 - November 29 (Community Health) @9:00
 - December 2 (Oral Pathology) @9:00
- Freshman students (Class of 2023):**
- November 17 (DM Lab final) @12:00
 - November 22 (Dental Materials) @8:00
 - November 29 (Oral Histology) @8:00
 - December 3 (Dental Hygiene 1) @8:00
 - December 6 (Dental Anatomy) @8:00
 - December 8 (First Patient). 8:00-5:00
- k. **The EMS Simulation and First Patient** - exercise will be held on Friday, November 12, 2021 as well as the first patient day which is tentatively scheduled for Wednesday, December 8, 2021. The dentists will need to make their schedules available to participate.
- l. **St. Petersburg College BASDH Application:** Class of 2022 applicants to be reviewed. I have not heard how many students are interested. An orientation will take place with Christine Patel on Monday, May 17, 2021. The student will have until June 7th to submit their letters to become enrolled. The faculty will discuss applications on Wednesday, June 9th.
- m. **Disposition of Records:**
- Course examinations from the spring semester of 2019 and 2020 (Class of 2020 and 2021)
 - Applicant program admission records from 2015 and 2016.
- n. **Faculty Uniforms:** New uniforms will be ordered for the new faculty members in July, 2021.
- o. **Perkins Funding:** Requests.
- p. **Program Goals and Mission Statement:**
Goals were reviewed and will remain the same. These goals are listed in each course syllabus.

q. **Fall Preparation:**

- a. New faculty – will be assigned to another faculty during clinic to be mentored
- b. Calibration of faculty on the clinic floor is a major goal to accomplish for the AY 2021-2022. Guidance of faculty who have been with the College will need to assume a mentor role to assist with the training of new faculty members. Collaboration and communication with the program director and other staff is essential to the success of SLO lecture, preclinical, clinical and laboratory courses.
- c. Dismissal of patients by the DCS must follow protocols that are supported by ADA/AHA and programmatic clinical protocols.
- d. Course preparation for the Class of 2022 and 2023. The students are the main focus of our instruction and helping them adapt to new faculty as well as to established guidelines will need to be considered with decisions implemented by faculty with supervisor approval.

- r. **Office Hours:** The Program Director has prepared and signed office hours for the summer of 2021. The hours of clinic are Tuesday – Friday. All faculty are assigned to clinic for all four days. To ensure social distancing and CDC recommendations, faculty are permitted to work remotely on specific days between Tuesday and Friday. In the event of a dentist and/or hygiene faculty that is absent, the dentist and/or hygienist that is scheduled to work remotely are required to fill in on those days. Leave requests are permitted but will need to be approved prior to the date of request. This request should be completed at a minimum of one-week since the clinic involves faculty, staff, students and community patients.

The schedule discussed in the faculty meeting for the Summer clinic rotations due to COVID-19 is the following:

SUMMER OFFICE HOUR SCHEDULE:

A. **Dentist** –

- Monday – Office hours – TBD (school or remotely)
- Tuesday –Friday Clinic all day
 - Dr. Lux: Thursday and Friday
 - Must be available on all other clinic days. When not needed in clinic working remotely at home for the summer semester course.
 - Dr. Britto: Tuesday and Wednesday
 - Must be available on all other clinic days. When not needed in clinic working remotely at home for the summer semester course.
- All days not covered by a dentist will result in the semester being extended.

B. **Hygienist** –

- Monday – Clori/Jami–Dental Hygiene III Lecture
- Tuesday - Friday Clinic all day
 - Tues - Clori, Karen and Jami - 7:00 – 5:00
 - Wed – Carol, Natalie and Jami - 7:00 – 5:00
 - Thurs – Carol, Clori and Jami - 7:00 – 5:00
 - Friday – Carol, Clori and Natalie
 - Must be available on all other clinic days. When not needed in clinic working remotely at home for the summer semester course.

PROPOSED FALL OFFICE HOUR SCHEDULE (No COVID-19 Restrictions:

A. **Dentists** –

Dental Hygiene Department

- Monday – Office hours – TBD (school or remotely)
 - Tuesday and Thursday Clinic all day
 - Dr. Lux: 7:00 – 3:00
 - Dr. Britto: 9:30 – 5:00
 - Wednesday – A142
 - Oral Pathology – 8:00-10:00 (lecture class and all tests on campus) office hours at home.
 - Dental Materials – 12:00 – 4:30 (office hours at home)
 - Monday – Office hours - TBD
 - Friday – No office hours – (exception two Fridays to cover EMS and 1st patient day)
- B. Hygienists –
- Monday – Office hours – TBD
 - Clori – Class (Oral Histology 1:30- 3:30 on campus)
 - Other faculty off
 - Tuesday and Thursday Clinic all day
 - Tuesday - Clori, and two new faculty - 7:00 – 5:00
 - Thursday Clori, Jami and one new faculty - 7:00 – 5:00
 - Friday – Clinic all day
 - Karen, Jami, Natalie and one new faculty - 7:00 – 5:00
 - Clori will need to work only one or two Fridays for test out days for specific competencies. The dates will be confirmed by August 2021.
1. NBDDHE –
- Results:** The DH program has a 99.8% pass rate on the NBDHE. The class of 2021 scored a SD of 1.33 above the national average.
- Use of Results:** The dental hygiene course final examinations will include a case-study question format to maintain an overall standard deviation score above the national average.
2. CSCE –
- Results:** 100% of the students passed the CSCE examination on their first attempt for the 9th consecutive year.
- Use of Results:** The program implements a mock written board examination to measure graduate’s success on licensure examinations. 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 10th consecutive year for the Cohort Class of 2022.
3. MTCE - Clinical Board –
- Results:** 94% of the Class of 2021 passed the MTCE. There was a failure on the exam due to four critical tissue errors.
- Use of Results:** The dental hygiene will be purchasing examination models with calculus to mimic the mock.
4. Florida Law Examination –
- Results:** 100% of the Cohort Class of 2021 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 2022.
5. Patient Surveys – 2020-2021 Annual Patient Survey
- a. Patient Care Services Response Results:

Results: The program captured 99 annual patient survey responses as well as a 99% of the respondents were satisfied with the student's delivery of patient care services as measured by the patient surveys collected for the AY 2020-2021.

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 2021-2022.

b. Operational Outcomes Response

Results: 100% 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 2021 – Program Exit Survey

Results: The AS Dental Hygiene Class of 2021 satisfaction ranking of agree-to-strongly agree for the 58/60 questions for a 95% program average for the ADPIED performance evaluations and to maintain the 5–6-week schedule of patient care services treating 6-8 patients/day as measured by the program exit survey for the AY 2020-2021.

Use of Results: The graduates were pleased with the program but were concerned with one area identified from the feedback received from the class of 2021. The Cohort expressed a need to administer local anesthesia with dental clinic patients to be best prepared to incorporate this skill in private practice. The program will incorporate one clinic session at the start of the sophomores fourth semester and another open laboratory session to practice injections in the Expanded functions laboratory course to reduce their anxiety level in the administration of local anesthesia prior to graduation and obtaining employment.

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

Results: The Cohort Class of 2021 maintained an overall documentation accuracy of 94.5% for patient care services as measured by the Dental Hygiene Care Plan (DHCP) and Patient Chart Reviews for the AY 2020-2021.

Use of Results: the faculty determined that the Cohort Class of 2022 will need to thoroughly document all components of the ADPIED, Dental Hygiene Process of Care model to collect, analyze data, spell key terms and accurately document patient information to prevent medical errors.

8. Clinical Advising Class of 2020 –

Results: The Cohort Class of 2021 scored an overall class average of a 99% 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 2020-2021.

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 2022 will be to maintain an overall programmatic class average of >95% for the clinical and capstone performance skill evaluations for the AY 2021-2022.

9. Faculty Clinical Instruction Analysis –DEH 1802L Faculty Evaluations.

Results: The Dental Hygiene Program faculty maintained an overall clinical instructor ranking of 97% for all 14 categories as measured by the Dental Clinical Faculty survey for the AY 2020-2021. The faculty improved upon their instruction by 1% from 96% to 97% as compared to the AY2019-2020.

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 2021-2022.

10. Program Analysis Results for the Class of 2021 - The faculty reviewed the program outcomes obtained by the Class of 2020. 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

ADPIED, DH Process of Care:

Results: The Cohort Class of 2021 scored an overall class average of a 99% 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 2020-2021. **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 2022 will maintain an overall programmatic class average of >95% for the clinical and capstone performance skill evaluations for the AY 2021-2022.

Program Analysis of Patient Types:

Results: 100% of the AS Dental Hygiene Cohort Class of 2021 will provide dental hygiene patient-care services to ≥155 patients/student to include ≥33% 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 2021 is to maintain a programmatic average of >150 patients/student of which more than 30% will be special needs.

Program Clinical Radiographic Patient Exposure Progression:

Results: The AS Dental Hygiene Class of 2021 scored an overall program average of a 94.5% to effectively expose, process, and evaluate radiographs as measured by the radiographic competencies for the AY 2020-2021.

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 2022 semester, the Cohort Class of 2022 will maintain an overall program average of >90% to effectively expose, process and evaluate radiographs for the AY 2021-2022.

IE – CODA - STUDENT LEARNING OUTCOMES/CURRICULUM REVISION

11. **Curriculum Revision for spring 2021 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: 77% of the Cohort Class of 2022 scored a two or higher on the final exam

Use of Results: There were limited questions about hypersensitivity so those need to be increased. The topic of fluoride needs to be addressed more thoroughly so quiz questions addressing fluorides will be increased.

DEH 1802 Dental Hygiene II Written-Oral Assignments:

a. Smoking-Cessation

Results: Class scored an average of 88% 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 2022 scored an overall class average of 98%. 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: 77% of the Cohort Class of 2022 scored a class average of 89.5% 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 marketing campaign to generate more patients to seek services within our dental clinic.

3. DEH 1602 Periodontics Comprehensive Final Examination –:

Results: 89.9% of the Cohort Class of 2021 scored a 3 or higher on the final examination

Use of Results: Additional work on etiology, diagnostics and inflammation/immunity.

4. DES 1200C Dental Radiology Comprehensive Final Examination:

Results: 88% of the Cohort Class of 2022 scored a three or higher on the final examination.

Use of Results: Overall scores for those scoring 4 or 5/5 went down this year from 90%-84%. What stands out is the number of students scoring lower in anatomic landmarks and technique errors, given the amount of time spent and the improvement in scores on radiographic interpretations this year. Last year there were a few questions where students were asked to list radiopaque landmarks and chose radiolucent in their answers and the same happened this year. My thought is they know the landmarks but did not read the questions thoroughly. My goal for next year is to improve in this area.

Radiographic Interpretation – Lab section

Results: 93% of the Cohort Class of 2022 scored a three or higher on the final examination.

Use of Results: Results were very similar to last year but show a 2% improvement in those scoring 90% or higher. (63% scored 90 or higher last year, 65% this year) I plan to continue going over selected lab interpretation exercises in class prior to students turning them in for a grade, as this feedback has proven to be valuable in maintaining a higher overall lab competency score among students. Also attributing to the improvement is the addition of a simulation lab for students to work on radiographic interpretations.

Radiology Research Paper

Results: 98% of the Cohort Class of 2022 scored a 2 or higher on the research project.

Use of Results: Overall, 98% scored in highest or middle column and did very well. Students performed well in comprehensive coverage of the assigned topics and their papers were well-organized. Group presentations were once again very good this year. Goals to improve on grammar and APA errors was achieved. Those with 3-5 grammatical errors was 41% last year and only 1% this year. Those with 2-3 APA errors was 76% last year and 62% this year. Rather than having to go in person, students were able to have papers and APA format reviewed by the writing center remotely.

5. DES 2832C Expanded Functions Comprehensive Final Examination:

Results: 79.6% of the Cohort Class of 2020 scored a three or higher on the Expanded Functions final.

Use of Results: This class performed satisfactorily on this exam with scores ranging from 67% to 97% with a class average of 82%. 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 were top notch, provided with the situation they were in, 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: 100.0% 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 2022 scored a three or higher on the Pharmacology Research Paper.

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. Several students went above and beyond in exploring the pharmacology of the medications as well as the relationship of the patient’s medical history and medications to their proposed dental treatment plan and oral health in general. The students took the extra time to make a spreadsheet of each drug that was involved in their case study, and then shared it with other classmates. The students’ grades were all above 90% with the exception of one student who received a 73%, and has written a new case study to help them understand pharmacology. The students presented their case studies to their classmates and did very well. I believe this aided them tremendously in the understanding of drugs and their relationship to pharmacology, and how important pharmacology is in the clinical setting. Reviewing the learning outcome, I feel I will need to incorporate more treatment planning with the students and the effects the drugs have

on the patient and dentistry. Next year will include questions and spreadsheet of drugs in their assignment. I believe this aided them tremendously in the understanding of drugs and their relationship to pharmacology.

Pharmacology Comprehensive Final Examination

Results: 99.9% of the Cohort Class of 2021 scored a three or higher on the pharmacology final exam.

Use of Results: Students had an average score of 87 %. The highest score was 95% and the lowest score an 81%. Average time to take the test was 1 hour and 30 minutes. There were 2 A's and 9 B's and 3 C's. Students did well when we discussed drugs and they participated together to make spreadsheets on the disorders. We had questions and answers where the students participated. We also had review sessions for both midterm and final outside of their normal classroom hours to help them understand and prepare for their tests. The first half of the semester concentrated on the basics of pharmacology, which I think is important for them to do critical thinking of how to answer questions on drugs. The second half concentrated on disorders. I think what may have helped with learning drugs, is they provided a spreadsheet on their drug. The students combined their spreadsheets to aid them in learning drug names, what category it would be placed in, which again led them back to the basics to understand a drug. In the future, it is important to continue looking at the updated drugs and make relevant current case studies. I will in the future try to incorporate even more case studies to bring the drugs together to allow the students the ability to reason what to do with a compromised patient. I think adding "trick" words such as "except" may benefit the students to be more careful on reading the questions in the future as well. Having weekly quiz allowed the students to review what they have learned and hopefully retain and understand each drug and prepare then for their board, and for their career. I believe what has been important, is every time they had clinic, I reminded them of the drugs, interactions, and what to look for to be prepared for an emergency. Below is a summary of 10 questions with answer and percentage breakdown of correct and incorrect answers.

7. DEH 2808L Dental Hygiene V Clinical Competencies -

Results: The Cohort Class of 2020 overall course average for patient care and radiographic competencies was **97.6%**.

Use of Results: The PTCE mock board competency was removed do to the COVID-19 virus. The students did perform two scaling competencies during the semester that reflected the PTCE exam criteria. The average score for scaling competency was 97%. The program faculty revised all clinical competencies that will be implemented in Spring 2021. The program will maintain the same number of competencies for DEH V clinic.

8. DEH 2808 Dental Hygiene V Resume

Results: The Cohort Class of 2021 scored a class average of **97.4%** on the Resume Assignment. The areas that had errors was education, work experience, website and grammar.

Use of Results: The overall appearance of the resume was fantastic. The format of the resume selected by most students enabled them to include more detailed information. The PP voiceover created for this class eliminated errors from the previous year. Next year the goal is to remove the website category and increase point in the visual appealing section.

9. **DEH 2930 Seminar**

Portfolio:

Results: 99% of the Cohort Class of 2021 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 how their families have impacted their lives. The philosophy statements were outstanding. The students described how they want to perform as a DH professional as they embark on their new career.

DEH 2930 Case Presentation:

Results: 100% of the Cohort Class of 2021 scored a two or higher on the Resume 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 2021 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, preassess 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 17 or 18, 2021.