

Dental Hygiene Department

Dental Hygiene Department Faculty/Curriculum Revision Meeting
May 1, 2019 at 8:00 - 1:00 in A-142

	Present	Absent	Excused
Faculty			
Karen Molumby (Professor)	√		
Carol Chapman (Professor)	√		
Jami Ware (Professor)			√
Dr. Phil LoGrippo (Professor)		√	
Clori Atkins (Professor)	√		
Brenda Schwing (Professor)	√		
Mary Kazakos (Professor)			√
Dr. Magdaline Britto (Professor)	√		
Yessenia Iglesias (Professor)	√		
Nancy Schuette (Staff Assistant)	√		
Dr. Richard Olitsky (Professor)	√		
Natalie Schmidt (Professor)			√

- I. Insert agenda items discussed
 1. Clinical Calibration and STEM Workshop
 2. Professional Development Courses
 3. College and Program Administration
 4. Program Outcome Results for the Class of 2019
 5. Class of 2020 Dental Hygiene Clinic III - V Competencies
 6. Curriculum Revision – Spring 2019 Courses

Calibration Activities – Periodontal SG, DHCP and Radiographic exposure evaluation.

The calibration activity involved five periodontal patients who have been treated by our students in the Dental Hygiene Clinic. Each instructor reviewed the five cases to evaluate the patient’s periodontal Staging/Grading classification, designed an appropriate DHCP and evaluated the patients exposed radiographs. The Dental Hygiene instructors evaluated the periodontal diagnosis and DHCP while the dentists evaluated the periodontal diagnosis and radiographs. A total of ten clinical instructors participated in the activity. The analysis for the three areas were:

1. PERIODONTAL CASE CALIBRATION

Results: 66% of the faculty accurately identified 3-out-of-5 cases correctly.

Use of Results: After learning the results of the clinical instructor’s scores, the faculty reviewed the staging/grading criteria and discussed all clinical data for each case. The discussion that ensued amongst the group helped each instructor identify classification criteria in order to correct classification errors. The faculty were not aware of the criteria of “comprehensive treatment” as well as the periodontal diagnosis of gingivitis and periodontally healthy. As a result of reviewing these cases, the following changes were updated:

1. Revise the Staging/Grading periodontal worksheet to include the gingivitis and periodontally healthy classifications.
2. Reprint the staging/grading laminates to reflect all classifications.
3. Add to the procedure code sheet the periodontally healthy and gingivitis classifications.
4. Add the selection options of gingivitis and periodontally healthy to the computer service codes.
5. Add the criteria of stable/unstable, localized/generalized distribution and the hbA1c, cigarette smoking risk factors to the periodontal analysis worksheet and autonote in eaglesoft.
 - o The Periodontal Analysis Form has been created in Smartdoc. The students will complete this document in summer and fall of 2019 to ensure all criteria is being evaluated to identify the correct periodontal staging/grading classification.

2. DHCP CALIBRATION–

Criteria	Case 1	Case 2	Case 3	Case 4	Case 5	Average %
Risk Factors	90%	86%	95%	76%	91%	88%
Problem Statements	91%	95%	100%	64%	100%	90%
Etiologies	100%	100%	100%	100%	100%	100%
Interventions	76%	87%	90%	74%	91%	84%
Treatment Plan	100%	100%	58%	100%	86%	89%
Informed Consent	100%	100%	100%	100%	100%	100%
Scheduling	100%	58%	71%	100%	57%	77%
Recall Interval	86%	71%	57%	100%	71%	77%
Referral	100%	86%	100%	86%	100%	94%

- a. **Results:**
 - i. Interventions Common Errors – Care of Oral Prosthesis, Medicament Placement, Oral Irrigation, Amalgam Margination/Polishing
- b. **Results:**
 - i. Possible Reasons for Errors – Discrepancies between Case Study details and Patient Chart, Recall Patient data used instead of New Patient data
- c. **Use of Results:** The program implemented the DHCP in March of 2019. After implementation, several additional criteria will need to be added to this document. The faculty will revise the DHCP as other criteria are identified.

3. RADIOLOGY CALIBRATION – The four faculty members that graded the radiographs were given six sets of radiographs. The faculty evaluated two sets of bitewings, three FMX’s and one panoramic radiograph.

- a. **Results:** Of the six sets of radiographs the faculty had a six point difference in the grading calibration for the FMX and BWX and a fourteen point difference in scoring for the panoramic radiographs.

Use of Results: The calibration discrepancies that were identified in the following categories:

Bitewings: Amount of Horizontal overlapping tolerated and vertical angulation errors

FMX: Criteria for anterior Periapicals

PANO: Criteria for “Patient Positioning” vs “Diagnostic Quality”

1. Discussion and Solutions for the calibration exercise:
 - **Bitewings:** Any amount of horizontal overlap constitutes an error. Uneven distribution of maxillary and mandibular teeth (an occlusal plane that is not centered on the image) will constitute a vertical angulation error
 - **FMX:** Central PA's must have midline (#8-9) in center of image
 - Canine PA's must have canine in center of image
 - Border at incisal edge cut off is an error
 - **PANO:** When condyles are uneven (higher on one side than the other), this is a "Patient Positioning" error where the head is tilted to one side
 - "Diagnostic Quality" is when the condyles and/or the anterior border of the mandible has been cut off of the image.

Administrative

- a. **Department of IT:** Gil Zamora, from the IT department provided a SMART BOARD training to the faculty on the basic features available for use during didactic classroom instruction.
- b. **Dean of SoHP** – Dr. Paula Tropello started in her role as the Dean, SoHP on February 15, 2019.
- c. **Fee Increase:** The Dental Clinic Fees are scheduled to be increased as of August 2019. The adult fee will be \$50.00. Final approval is expected by FSW's Board of Trustees at the May 21, 2019 board meeting. The fee will need to be updated on the Colleges' website, dental clinic signage and the telephone.
 - a. The reason for the fee increase is to support the replacement of the dental clinic chairs in 6-8 years. The program is experiencing replacement parts for the dental unit, dental chair and light have been discontinued or have had their rights sold to a foreign entity. The Dental Clinic major equipment is expected to be obsolete by 2025. The additional revenue generated by the fee increase from 2019-2021 as well as an additional \$10.00 increase from 2022-2025 will offset the costs of the dental clinic refurbishment project.
- d. **STEM (Science, Technology, Engineering and Mathematics) Program on June 3, 2019** – The SoHP programs will be conducting its third annual STEM program for students in the heartland area for one week from June 3- June 7, 2019. The high school students will rotate through each program. Dental Hygiene is scheduled for the afternoon on June 3rd following class lecture. Students will be asked to participate as volunteers. The heartland students will spend approximately 1-to-4 hours participating in learning activities with students/instructors to learn how to expose, develop and mount dental radiographs. At the conclusion of the week, the heartland students will engage in a SoHP program disaster drill which will include all departments.
- e. **Position Funding Requests** – The FT Dental Clinic Supervisor search started the end of March. This position is scheduled to start June 1, 2019. In the meantime, Clori will be grading the radiographs and assisting with the screening protocol. Both DCS positions are 12-month positions which is compatible with the program's 12-month curriculum structure. Both the DCS will be teaching didactic courses within the curriculum.
 - a. **Adjunct faculty:** The adjunct professor position for Periodontics, Oral Pathology and Oral histology will remain through the accreditation process. After the 2021 accreditation site visit, these courses will be assigned to another adjunct faculty, DCS and/or clinical coordinators.
- f. **Accreditation 2021-**
 - a. A budget request for professional development was initiated for the 2019-2020 to cover those courses in which faculty will need to meet the educational methodology. Standard 3-7 states:

i. *Intent: Faculty should have background in current education theory and practice, concepts relative to the specific subjects they are teaching, clinical practice experience and, if applicable, distance education techniques and delivery. Dentists and dental hygienists who supervise students' clinical procedures should have qualifications which comply with the state dental or dental hygiene practice act. Individuals who teach and supervise dental hygiene students in clinical enrichment experiences should have qualifications comparable to faculty who teach in the dental hygiene clinic and are familiar with the program's objectives, content, instructional methods and evaluation procedures.*

1. The courses that need to be covered are Community, Periodontics, Dental Materials, Pharmacology, Dental Anatomy, Local Anesthesia and Clinical instruction.

1. **Faculty Clinical Evaluations (Spring 2019)** –faculty evaluations were distributed to all clinical instructors for the Dental Hygiene II (DEH 1802L) clinical course. Clinical Faculty will complete a clinical improvement plan on how they will address the feedback reported by the students. The Clinical Improvement Plans are due by May 9th.
2. **Faculty Office Hours and Summer Course Syllabus:**
 - The Faculty “Office Hour” forms were updated and submitted for signature. The Clinical Associates forms have been posted outside the faculty office.
 - The course syllabus for Dental Hygiene III (DEH 2804L) Clinic has been posted on the official canvas course. Clori will submit a word document syllabus version for Dental Hygiene III (DEH 2804) by Tuesday, May 7th.
3. **Clinic Renovation Locker room/A-148 renovation** –
 - a. A budget request to renovate the faculty offices and the locker room area in A-148 was submitted in February. The goal of the renovation project is to put in double-tiered lockers and stand/sit desks. The request asks for the number of faculty desks to be increased from 6-8 stations.
 - b. All Computers in the dental clinic, A-142, front office and each program faculty computer will be updated to windows 10. Microsoft office will no longer support computers that have an operating system below a 10 starting in summer/fall of 2020. The IT department and the Perkins Funds will be utilized by the college to support this project.
 - c. All intra oral cameras will need to be replaced due to the conversion of the computers from 7 to 10. The current cameras are not compatible with Windows 10.
 - d. The IT department will upgrade the Eaglesoft version to the current release. The clinic is currently three eaglesoft versions behind. This change may create other changes that may need to be modified such as word documents that are housed in smartdoc as well as programmatic training videos.
 - e. The items listed in 4a-4d should be completed by December 2019.
4. **Foundation and Future Renovation:**

Program enrollment -The Advisory Board approved an increase in program enrollment size in April 2019. The Foundation has a new initiative to grant SoHP programs with \$100,000 donations. The Dean, SoHP identified the Dental Hygiene Program as one of three programs that should be the recipient of this funding.

The revision to the Dental Clinic can accommodate an additional six treatment rooms. Therefore, permitting the program to increase the program enrollment from 18-24 students/year. The enrollment increase can only be accomplished if the dental clinic renovations are done. Any enrollment increase must be approved by the Joint Commission on Dental Accreditation (CODA) and financially support by the College. Discussions about this project will be ongoing throughout the next 2019-2020 academic.

Atlanta Dental (AD) has provided a preliminary sketch of the proposed dental clinic/front office/receptionist enhancements. Other factors that must be considered in this project will include the following changes:

- Replace existing cabinetry to improve work station efficiency.
- Remove the planter station in the receptionist to increase patient sitting capacity area and to accommodate wheelchair access.
- Hire one additional Staff Assistant
- Redesign the front office to construct a private office for program personnel

5. **Professional Development**

- a. **Courses/Requests:** Carol, Richard and Natalie will be attending Amelia Island to obtain their educational methodology requirement for Community, Periodontic, Oral Pathology and Clinical Instruction. Karen will be attending the ADEA, Program Director’s meeting in Tampa in June.
- b. **BioSketch** – The Commission on Dental Accreditation (CODA) requires faculty to list their PD courses on the BioSketch form. The faculty are to record all PD courses that they have taken since the programs’ last accreditation site visit in February of 2014. The CE courses should include any attendance at local component meetings, and/or State and National Conventions. Karen has emailed this document to all faculty. The document is due by August 2019.

6. **Fall Semester Notifications:**

- a. **August 12-16, 2019** – Faculty are required to report this week to attend mandatory college and program professional development days.
- b. The instrument kits will be delivered on August 8th from Atlanta Dental and Hu-Friedy for delivery to the incoming Class of 2021 on Monday, August 12th.
 - **August 12, 2019** will be the 2nd orientation for the incoming freshman students. This will include presentations on OSHA, HIPAA, Study Skills and Library Tour.
- c. The first day of class for fall semester is **Monday, August 19, 2019**.
- d. **Tuesday, August 20, 2019** is the first day of Clinic. There will be no patients assigned that day. The following activities may be scheduled for this day:
 - i. OSHA/HIPAA update.
 - ii. EMS drill practice for the Class of 2020.
 - iii. Administering local anesthesia to fulfill 60-hour requirement.
 - iv. PTA – wheelchair interprofessional activity.
 - v. Screening IPE with nursing and DH students.
 - vi. Introduction to Community Dental Health/Lab and DH-IV.
- e. The fall semester final exam schedule will be the following:
 1. **Sophomore students:** November 21 (DHIV), November 26 (Oral Path), Dec 3 (Community).
 2. **Freshman students:** November 18 (DA & DM Lab final), November 22 (Dental Hygiene 1), November 25 (Dental Materials), December 4 (Oral Histology), December 6 (First Patient), December 9 (Dental Anatomy).
- f. The dentist(s) were asked to mark their calendars to participate in the EMS Simulation exercise that will be held on Friday November 8, 2019 as well as the first patient day which is scheduled for Friday December 6, 2019.

7. **Program Faculty- Summer Clinic Schedule**

<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>	<u>Friday</u>
Clori- Class	Clori Carol Yessenia Brenda Dr. Britto	Clori Carol Yessenia Brenda Dr. Britto	Clori Carol Yessenia Brenda Dr. Britto	Mary Jami Carol Natalie Dr. Britto

8. St. Petersburg College BASDH Update:

a. St. Petersburg Dental Hygiene – The Faculty will review those candidates from the Class of 2020 who are interested in participating in the BASDH program starting in August of 2019. The faculty will review the requests and make a formal recommendation to St. Peter by June 17, 2019.

1. **Application procedure:** St. Petersburg Program Admittance criteria. The applicant will:

- a. Write a letter to explain why they are a good candidate for the BASDH program.
- b. Demonstrate an Overall 3.0 GPA.
- c. Submit letter for approval by the program faculty.
- d. Faculty submission of approval for entry into the BASDH

9. **Disposition of Records:** Course examinations from the spring semester of 2018 (Class of 2019 and 2018), applicant program admission records for all applicants from 2014 and program records for the Class of 2014 will be compiled for shredding. The disposition boxes are located in the dispensary room. The documents that are permissible to be disposed of are scantron sheets, hard copies of tests, quizzes, examinations and course projects/assignments. This needs to be completed by May 10th. The box will be disposed after FSW's legal department has approved and signed the designated paperwork.

a. Course projects completed by current and previous classes need to be provided in an electronic format to the program director. The electronic versions will be posted on the Colleges' secure documentation storage file for the accreditation team to review during the site visit. In addition, a separate hard copy of these same examples will need to be printed by each course instructor identifying the assignment and the rubric used. These samples will be placed in a binder for the site visitors.

10. **Job Requests:** The number of job requests in the past year for the graduates of the Class of 2018 included: 13-FT, 14-PT and 4- maternity leave positions. The number of job requests for the Class of 2019 has been excellent. As of today, the Class of 2019 has been notified of 4-FT and 2-PT positions. This does not include the three students that already have jobs secured.

11. **Perkins Funding:** The College sent an addendum for funding requests for the 2018-2019 Perkins Grant. The program was awarded five cavitron units, IOC and the dental clinic computer equipment. These must be received by June 30, 2019. The cost of the cavitrons, IOC and computers will be around \$100,000.00. The old IOC units will be inventoried and sold as deemed appropriate by the College.

a. The faculty were asked to think of any other equipment that needs to be purchased and/or replaced for 2019-2020 academic years.

12. Program Orientation - Cohort Class of 2021

a. The first program orientation is June 7, 2019.

- A representative from the Financial Aid Department will discuss the rules and regulations surrounding financial assistance. Graduates from the Class of 2019 and 2020 will present during the orientation too.

b. **Class uniform color:** The color for the Class of 2021 will be either purple or royal blue. The current freshman class will make the final decision.

c. The 2021 Graduation Luncheon Expense will be \$45.00/student. This fee will be collected at the second program orientation for the student's graduation luncheon in spring of 2021.

13. Learning Resources:

- The library tour for the incoming freshman will be held during the second program orientation on August 12, 2019 from 2:00-3:00. The main topic to be covered during the presentation is how to access the Colleges' library resources.
- According to accreditation Standard 4-7
 - *Intent: Instructional aids and equipment must be provided for student learning. Institutional library holdings must include or provide access to a diversified collection of current dental, dental hygiene and multidisciplinary literature and references necessary to support teaching,*

student learning needs, service, research and development. There must be a mechanism for program faculty to periodically review, acquire and select current titles and instructional aids.

1. Brenda will review the reserved library resources with the College to delete current resources or add new resources.
2. Brenda also maintains the accreditation list of all small and large equipment and supplies provided for student learning.

14. **Programmatic Manuals – Onsite Exhibits**

1. Front office is being updated by Nancy.
2. Clinical Instructor Manual is being updated by Karen.
3. Program Manual is being updated by Karen.
4. Clinic Maintenance and Protocol Manual is being created by Brenda.
5. Safety Data Manual is being updated by Brenda.
6. Mirion and BMW documents updated and scanned in the Colleges' "S" drive.

15. **Community Outreach:**

a. **Oral Cancer Walk and Cancer Screening events.**

1. The Class of 2020 participated in both events on April 6 and 27th. The events are part of the community service requirements for DEH 2930 Seminar.

b. **Capstone Request(s) – BASDH St. Petersburg – So far, we have a request by Marzena Slusher, Class of 2018 to participate at FSW for her Capstone course in the spring of 2020.**

c. **Collaboration Activity - Nursing/Screening Assistant Rotation**

1. Nursing/Screening Assistant Rotation – Discussions are ongoing on the development of a collaborative activity between the DH sophomore students and BS Nursing student.
2. A Mental Health Community Educator from Lee Health is available to introduce Mental Health 1st Aid for our sophomore students/faculty as an IPE workshop. This guest lecturer will cover mental health diagnoses and what signs and symptoms a clinician may be exposed to during clinical rotations.
3. PTA – Wheelchair. The PTA is doing a teach-out for their freshman class. The current instructor will try to assist us in the "hands-on" workshop on "how to transfer a dental patient from a wheelchair to a dental chair."

16. **Summer Chair Assignments** – students will rotate to a different chair each day of the week for the summer semester.

17. **Student Opinion Survey (SOS):** The College will release the SOS from the spring 2019 semester on May 13, 2019.

18. **Advising & Self -Assessment Evaluation**

- Clinical Coordinators and Clinical Associates received the list of assigned students for their clinical advising activity. There will be one advising session this summer. The clinical advising form will need to be completed by June 7th.
- No Chart Reviews will be assigned for the summer semester.

19. **Student and Faculty Protocol:**

- a. Impaired Clinician protocol. – The project is currently being researched by the SoHP and the College. A protocol is not in place yet on what to do when a student is impaired at a clinical site. A new company known as Crisis Mobile Unit is being discussed with the Student Affairs Department. This company would come into the clinical setting, assess the student/faculty member and determine the need for treatment as well as to provide follow-up care for 30-days.

- b. The faculty recommended that the impaired clinician topic should be incorporated in the 2nd program orientation. This information would benefit the student and possibly prevent future problems.

20. Program Admissions Process:

- **Phase II:** The faculty discussed the program's current interview process at the last meeting in December 2018. At that time, there were only a few applicants who reapplied from 2018. The 2019 application pool did not have applicant that was interviewed from previous year. Therefore, the program used the same interview questions from the previous year but added two new scenarios for the writing assignment.
- **Phase I Results:**
 - 159 applications applied for 2019
 - 32 candidates were not eligible due to not fulfilling the three-science course minimum requirement, payment of the application fee or did not have their transfer transcript evaluated by FSW.
 - 21 applicants had GPA's above a 3.50
 - 69 applicants had GPA's above a 3.00
 - 37 applicants had GPA's below a 3.00
 - 31 applicants were invited to participate in Phase II. This phase required the applicant to appear for a program interview and to complete a writing assignment.
 - One applicant withdrew one day before the interview.
 - 18 applicants were sent acceptance letters.
 - The gender distribution for the Class of 2021 will be 18 females and no male students.

21. Program Goals and Mission Statement:

The Dental Hygiene Program goals and mission statement were reviewed and updated. For each goal, a list of the measurement tools used by the program to collect the necessary data to support verification of Student Learning Outcomes (SLO). This data is collected and reported in Compliance Assist and the Commission on Dental Accreditation.

- The Compliance Assist Report is due on June 30, 2019 for 2018-2019.
- The Student Learning Outcomes and Operational Program Outcomes for the 2019-2020 is due 9/30/2019.

22. Front Office

- a. Screening Patients: One patient will be scheduled for the morning and one in the afternoon session.
- The screening times will be 8:00 and 1:00.
 - The screening patient will be used to fill cancellations as needed on clinical days. In these situations, there will not be any need to find another screening patient.
 - The student assigned to the screening rotation will need to take the FMX if they have not met the DH-3, DH-4 or DH-5 requirement. This protocol will assist those students in being able to work on their radiographic interpretation/technique requirements for the program.
- b. Patient Survey week will need to be completed the week of May 27 – June 1, 2019. The goal for the 2019-2020 academic year will be to collect a minimum of 145 survey responses.

28. DH Summer Schedule -

- a. **June 24-26** - The students will do a trial run for one day to experience treating two patients per clinical session. This protocol will assist our students in their preparation for two patients per day schedule for the fall, 2019 semester.

29. Dental Hygiene Clinic III Orientation – Class of 2020

1. **DEH 2804L Orientation will be held on May 8, 2019** –Topics that will be discussed are:

- a. **Intra-oral camera** – protocol for new and recall patients.
- b. **X-ray interpretation/landmarks** –for DH III, IV and DH-V.
- c. **Local anesthesia patients**
- d. **Scale Competency requirements for DH 4 and 5.** The scale competency for DH-5 will not be permitted until fall of 2019.
- e. **Potential Case Study patient selection for spring of 2020.** The patient release form is required for all patients selected for their case-study presentation. The student must ask permission from their patient and are required to have them sign the patient release form. This form will need to be scanned into the patients chart.
 - **The Patient Release Form** is located in the faculty office, on the home pages of DH-III/IV/V as well as on the dental clinic colloquium courses. IOC photographs can be taken using the treatment room camera or may request the supervising dentist to assist with IO photographs. The involvement of the DCS will be eliminated with the new IOC and Windows 10 upgrade.
 - a. **Radiographic Analysis of carious lesions:** Dr. Britto would like to continue with the radiographic analysis form for the summer. This process requires the student to identify carious lesions on other students’ radiographic exposures. The dentist and student will review their findings and discuss possible treatment options for these patients.

30. **Summer Clinic Information:**

- a. The Class of 2020 has done an excellent job of working on DHCP and End-Product competencies for DH III and DHIV. The goal is to complete as many of these competencies with the patients during the summer semester. This process will ease the need to find specific patient types in future semesters.
- b. The competencies for DH-V have been released and students were informed to upload remaining competency forms prior to the start of the summer semester.
- c. **Competencies** that need to be encouraged this summer semester are:
 1. Panoramic radiographs are needed for all future clinical semesters.
 2. Complete root planning competencies as they present in the clinic.
 3. Medicament placement will require approval and supervision by the supervising dentist.
Arestin Laboratory Activity – Clori will review how to place arestin in DEH 2804.
 4. Re-evaluations – One program re-evaluation must be completed by each student by the last semester. The re-evaluation can be completed on any periodontal case type.
 5. Nutritional Counseling – Family or friends of the student may qualify for the nutritional counseling competency. If a patient needs to return for two or more visits to complete treatment, the patient would be a candidate for the nutritional competency.
 6. Capstone - The summer capstone competency will be implemented by the third week in June.
- d. **Taleval:** Summer session
Faculty will use Taleval for all new patients for the remainder of the program.
 - The grading session that will be used for the summer will be DEH 1802L A.

32. **Clinical Protocol**

1. **Radiographs should be taken after calculus removal** has been completed for those case presentation patients who present with radiographic calculus prior to treatment. This task will allow for students to identify their effectiveness in removing calculus.
2. **Previous Carious Lesion Identification** – Students will need to report previous carious lesions during the morning and afternoon huddles.

3. **Screening patient and radiographs** – If the screening assistant is assigned to another student, the screening assistant will take the FMX if they have not met their semester requirement.

33. **Institutional Effectiveness (IE) Report – June 2019:**

NBDDHE –

Results: The DH program has maintained its 100% pass rate on the NBDHE for the 24-consecutive year. The class of 2019 scored above the national average in 11 out-of-14 categories. The overall standard deviation score for this class was 0.85.

Use of Results: The dental hygiene course final examinations will continue to have a case-study question format to increase the overall standard deviation score from 0.85 for the Cohort Class of 2019 to a standard deviation of ≥ 1.0 for the Cohort Class of 2020.

CSCE –

Results: 100% of the students passed the CSCE examination on their first attempt. The 2019 examination results revealed the students have passed the examination for the seventh 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 the DH-5 scaling competency to simulate the scaling criteria on the PTCE to improve the pass rate from 81% for the Class of 2019 to 89% for the Class of 2020. AND, The program will update and revise the mock written examinations to ensure students pass the CSCE for the 8th consecutive year for the Cohort Class of 2020.

PTCE - Clinical Board –

Results: 81% of the Cohort Class of 2019 passed the PTCE on the first attempt.

Use of Results: The program will continue to do random calculus detection skill evaluations to reduce calculus detection errors on the PTCE from 87.5% in the class of 2019 to 15% for the Class of 2020.

Florida Law Examination –

Results: As of today, ten students have taken the Florida Law exam in early April. 100% of those students passed the Florida Law exam on their first attempt. The remaining six students are scheduled to take the examination the first week in May.

Use of Results: The DEH 2930, Seminar course will administer an open-computer Florida Law final examination to maintain its 100% pass rate on the Florida Law exam for the Cohort Class of 2020.

a. **Patient Surveys** – 2018-2019 Annual Patient Survey

Patient Care Services Response Results:

Results: The program faculty and students increased the overall annual patient response by 95% from 76 patient responses obtained in the 2017-2018 academic years to 145 patient responses in 2018-2019. Of the 145 responses, 98.3% of the patients indicated the quality of patient care services were very good or excellent.

Use of Results: The program will maintain a minimum of 145 patient survey response rate for the 2019-2020 academic years. The program will increase the response rate for the question that states, 'The student hygienist listened and encouraged the patient to ask questions.' from 86.96% to 90% by the summer 2019 semester.

Operational Outcomes Response

Results: 99.1% of the patients surveyed indicated the dental clinic operational outcomes were ranked as very good or excellent.

Use of Results: The program will be increasing the Dental Clinic adult patient fee from \$40.00 to \$50.00 in August of 2019. The previous fee of \$40.00 has been in effect since 2009. For the 2019-2020 academic years, the program will focus on responding positively to question #10 on the patient survey which states; "the cost for dental hygiene services at FSW is reasonable." The goal is to maintain a 90% or higher response rate to our Dental Hygiene services are reasonable.

b. **Class of 2019 – Program Exit Survey**

Results: 97.1% of the Cohort Class of 2019 ranked the 60 questions pertaining to the ADPIED performance as either strongly agree or agree on the program exit survey. 2.87% of the 60 questions received a score of disagree or strongly disagree response.

Use of Results: The program incorporated a comment section after each question to elicit a response to the student's response of disagree or strongly disagree. However, no student recorded why they selected a response of disagree or strongly disagree. For next year, the students will be informed in a statement why the program wants this feedback. The five questions that received a response of disagree or strongly disagreed pertained to questions 6, 7, 15, 20 and 44. The five questions were:

1. Take impressions and fabricate study models.
2. Obtain indices and utilize them in patient communication.
3. Ability to obtain informed consent for treatment.
4. Ability to perform periodontal debridement and scaling on patients with severe periodontal disease.
5. I have the ability to treat eight patients/day.

For next year, the program will:

1. Implement taking impressions and fabricating a study model(s) on the first laboratory session scheduled for expanded functions.
2. Create and randomly implement an indices' form to assess patients' current indices' status.
3. Change question #3 to read in the survey as: Obtain the patient's DHCP consent prior to implementing patient care services.
4. Remove the term periodontal debridement and replace the question with, "Able to apply the necessary scaling techniques for the appropriate periodontal staging and grading classifications.
5. Change the wording in the exit survey for question #5 to read, "I have the clinical skills to treat eight patients per day in a private practice setting.

c. **Chart Reviews:** - Spring 2019 Analysis:

1. **DHCP Chart Review Results:**

Results: The overall DHCP spring semester average for the academic 2018-2019 school years was 98.4% on the prevention of medical errors. All DHCP categories received a score of 90% or higher.

Use of Results: The program implemented a new DHCP worksheet in March of 2019. The Class of 2020 will improve the DHCP scores from 49% to over 85% by the end of the fall 2019 semester.

2. **Patient Chart Review**

Results: The overall spring semester average for the academic 2018-2019 school year for the Patient Chart Review was 85.6% for the prevention of medical errors.

Use of Results: The Class of 2020 will be to increase their accuracy in the documentation to prevent medical errors from an overall chart review average of 85.6% to 90% by the end of the 2019- 2020 academic years.

a. **Clinical Advising Class of 2020 –**

Results: The Dental Hygiene Class of 2020 scored an overall spring semester average of 87% on Clinical Advising/Self-Assessment of their clinical and professional growth as measured by the clinical advising grading forms. The most common errors were associated with the documentation of ADPIED, Dental Hygiene Process of Care (79%), time management in the exposure of dental radiographs (57%) and the completion of SG-1/SG-2 patient's within 3.5 hours (57%).

Use of Results: The Class of 2020 will increase their overall class average to 80% for the documentation of the ADPIED, Dental Hygiene Process of Care, time management, and completion of patient care services for patients classified as SG-1/SG-2 by the end of spring 2020.

b. **Faculty Clinical Instruction Analysis** –DEH 1802L Faculty Evaluations.

Results: 87.5% of the Cohort Class of 2020 ranked the clinical faculty with a score for their clinical instruction as “always or most of the time.”

Use of Results: The faculty reviewed the results from the DEH 2806L survey and improved their ranking of Always to Most-of-the Time scores to 100% for the time it takes to verify clinical procedures, being mindful to create an atmosphere that enhances learning and to abide by published clinical policies as they relate to dental hygiene academic standards. The results from the DEH 1802L survey that the faculty needed to improve the score ranking of “sometimes” for the following categories.

- Is enthusiastic and exhibits a positive attitude
- Encourages critical thinking & problem solving
- Is accessible to the student and responds in a timely manner

The goal of the program faculty is to increase the overall clinical faculty ranking for is enthusiastic and exhibits a positive attitude, encourages critical thinking & problem solving, is accessible to the student and responds in a timely manner from 86% to 95% by the end of the spring 2020 semester.

34. **Program Analysis Results for the Class of 2019** - The faculty reviewed the program outcomes obtained by the Class of 2019. 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: 100% of the AS Dental Hygiene Cohort Class of 2019 scored and overall class average of 96.6% on their clinical competency evaluations as measured by the programmatic analysis of the ADPIED Dental Hygiene Process of Care.

Use of Results: The program will maintain the clinical performance evaluations for each clinical course for the 2019-2020 academic years. The goal for the Cohort Class of 2020 is to score an overall programmatic class average of >90% on clinical competency evaluations as measured by the ADPIED Dental Hygiene Process of Care evaluations.

Program Analysis of Patient Types:

Results: 100% of the AS, Dental Hygiene Cohort Class of 2019 treated an average of 168 patients/student of which 33% of those patients completed who received patient care services from January 2018-April 2019 where designated as special needs.

Use of Results: The goal for the Cohort Class of 2020 is to maintain a programmatic average of >150 patients/student of which more than 30% will be special needs.

End-Product/Radiographic Patient Exposure Progression:

Results: The Class of 2019 provide dental hygiene patient care services to 2693 diverse patients. Of the 2693 patients, 1648 patients (61%) required radiographs to be exposed during their visit. 100% of the AS, Dental Hygiene Cohort Class of 2019 achieved an overall programmatic radiographic exposure average of 93% from January 2018-April 2019.

Use of Results: The program strives to incorporate current radiographic standards as documented in the ADA’s Radiographic Criteria document. The goal for the Cohort Class of 2020 is to maintain an overall programmatic radiographic average of >90% from January 2019-April 2020.

Special needs designation:

Results: 100% of the AS, Dental Hygiene Cohort Class of 2019 treated a total of 542 patients for an overall student/special-needs average of 33%. These patient care services were rendered between January of 2018 and April of 2019.

Use of Results: The goal for the Cohort Class of 2020 is to maintain the programmatic average of more than 33% of the patients treated will be designated as a special-needs.

IE – CODA - STUDENT LEARNING OUTCOMES/CURRICULUM REVISION

35. Curriculum Revision for spring 2019 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: 74% of the Cohort Class of 2020 scored a two or higher on the final exam

Use of Results: For next year, I will add discussion board questions and online chapter quizzes to further reinforce the learning outcomes to increase the overall class average to 80% on the final exam.

DEH 1802 Dental Hygiene II Written-Oral Assignments:

a. Smoking-Cessation

Results: Class scored an average of 90% on this assignment with 81% being the lowest grade.

Use of Results: Major deficiencies were noted in the areas of APA format and grammar and spelling. I will stress more strongly the importance of proper grammar and spelling as it relates to be medical errors in patient charts. I will continue to encourage students to have someone else read their papers before submission and to use the writing center for help with both grammar and spelling and APA formatting.

b. Nutritional Counseling

Results: Class scored an average of 99% on this assignment with 95% being the lowest grade.

Slight deficiencies were noted in the areas of maintaining eye contact, use of visual aids and staying within the time frame.

Use of Results: Next year, I will continue to stress the importance of eye contact in one-on-one patient care as well as group hygiene instruction. Also, I will tie-in the importance of keeping on time.

2. DEH 1802L-: Dental Hygiene II Clinic

Results: The Cohort Class of 2020 scored a class average of 96% on all DEH II patient care competencies

Use of Results: The radiographic interpretations and landmarks overall average improved from the previous year. The program will require these competencies to be completed within one week of exposure.

3. DEH 1602 Periodontics Comprehensive Final Examination --:

Results: 89.4% of the Cohort Class of 2020 scored a 3 or higher on the final examination

Use of Results: The goal for next year is to work on clinical examination, classification and treatment planning components

DEH 1602 Research Staging/Grading Report –

Results: 82.3% of the Cohort Class of 2020 scored 8/10 questions correctly on the staging/grading post test.

Use of Results: The goal for next year is to create new cases for students to practice classifying the staging/grading periodontal classification.

4. DES 1200C Dental Radiology Comprehensive Final Examination:

Results: 76% of the Cohort Class of 2020 scored a three or higher on the final examination.

Use of Results: Previous goal to increase performance in Obj #5 was accomplished with 14 vs 8 students getting 4 or 5/5 correct in this category. Obj #6 (BIO EFFECTS/SAFETY) still has not shown improvement. This is a difficult topic that I will continue to encourage students to use textbook and study questions provided in order to have a better understanding of this important concept. Overall performance for all objectives was good with 76% of the class answering 4 or 5 out of 5 questions correctly. Those scoring 5/5 correct increased from 35-38%. My goal is to continue to maintain overall performance.

Radiographic Interpretation – Lab section

Results: 92% of the Cohort Class of 2020 scored an 80% or higher on their laboratory assignments.

Use of Results: Capstone Product grades were lower this year, breaking a promising trend of improvement last year. This could be due to moving the Capstone up a week earlier this semester. I plan to move the Capstone to later in the semester next year to allow more for exposing radiographs on manikins. For the second year in a row, overall lab scores for all competencies combined were higher this year with 66 vs 60% (56% the previous year). This may be attributed to spending more class time going over selected lab interpretation exercises prior to students turning them in for a grade. I will continue to do this and hope to maintain the same or improve outcome.

Radiology Research Paper

Results: 97% of the Cohort Class of 2020 scored a 2 or higher on the research project.

Use of Results: APA and Grammar scores were similar, but slightly better than last year. Goal was accomplished from last year to stay same or improve in these two categories. I had added a handout in Canvas summarizing APA format requirements and that appears to have helped. Requirement to go to FSW's writing center was still in place and students were given the Purdue Owl APA resource as 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.

5. DES 2832C Expanded Functions Comprehensive Final Examination –:

Results: 91.1% of the Cohort Class of 2019 scored a three or higher on the Expanded Functions final.

Use of Results: This class performed satisfactorily on this exam with scores ranging from 69% to 93% with a class average of 84%. 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. The class was very engaged in the lectures and discussions throughout the semester, which enhanced the learning environment and there was significant interest in the topics as they relate to clinical practice. 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.

Due to the timing of the National Board exams, 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. Based on the level of discussions in lecture, as well as the results of the treatment planning assignment, I believe the students left with a significantly greater understanding of the various aspects of clinical dentistry that they may be presented with in a practice.

DEH 2832C Laboratory

Results: 100% of the Cohort Class of 2020 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. This is a very challenging class for one instructor to provide adequate time with each student during the competencies and is under-staffed. The competencies involve multiple steps requiring one on one teacher instruction.

6. DEH 2300 Research Report

Pharmacology Research Paper

Results: 78.8% of the Cohort Class of 2020 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 and there was a modest improvement in the overall performance from previous years. 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. Eight of the sixteen students scored below 75% on grammatical or spelling errors.

Also, the students were advised almost weekly that historically students lost the most points for failing to include the pharmacology (pharmacodynamics and pharmacokinetics) for each drug, yet only nine of 17 students scored 94 – 100% on this portion and four of seventeen scored below 75%. This was an improvement over last year. Continued emphasis for utilization of the writing center as well as to add “advice” regarding pharmacology portion in a written form in the assignment instructions will be helpful.

Pharmacology Comprehensive Final Examination

Results: 70.1% of the Cohort Class of 2020 scored a three or higher on the pharmacology final exam.

Use of Results: The class performed better than the previous year with grades ranging from 69% to 95% with an average score of 82.5%. This was a 4.6% improvement from the previous cohort class. There were three “A’s”, five “B’s”, and four “C’s” and five students with a grade of less than 75%. Critical thinking continues to pose the most challenge. Many of the questions that the students got wrong involved applying didactic principles of a disease or condition to a clinical application, or those questions where two or more separate facts had to be combined for the result. A strategy for getting the students more experience with this type of questioning should be implemented next year.

7. DEH 2808L Dental Hygiene V Clinical Competencies -

Results: The Cohort Class of 2019 overall course average for patient care and radiographic competencies was **96%**.

Use of Results: Implemented the revised mock board competency drafted by the CDCA examination. This form was used for the PTCE at St. Petersburg. This form provided the student with the live-experience needed to ensure accurate documentation for the actual clinical boards that were scheduled for April 26-28, 2019. The program will maintain current clinical competencies and will revise the scaling competency as directed by the CDCA.

8. DEH 2808 Dental Hygiene V Resume

Results: 99.8% of the Cohort Class of 2019 scored a two or higher on the Resume Assignment. Only one student had grammar and/or spelling errors. The format styles were interesting and appealing. Students who did not have jobs secured created excellent resumes.

Use of Results: Created a PP voiceover which helped eliminate errors in the chronological order of the education and work experience categories. Next year, the goal is to increase the points awarded to the website category to encourage the students to use language that is consistent with their chosen website

9. DEH 2930 Seminar

Portfolio:

Results: 100% of the Cohort Class of 2019 scored a three or higher on the portfolio assignment.

Use of Results: The rubric was updated to eliminate the recommendation letter as a requirement. For next year, a grading category for images to be include on each page will be added to the rubric. The goal is to create a pleasant first impression for each page in the portfolio.

DEH 2930 Case Presentation:

Results: 100% of the Cohort Class of 2019 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 the case outcomes. The voice-over presentations were outstanding. Students were proud of their cases and talked passionately about their results. For next year, I will add a requirement to include 2-3 implementation photographs to give the reader another view about their case.

DEH 2930 Seminar Comprehensive Florida Law Examination:

Results: The Class of 2019 scored an overall program average of 96% for all didactic questions. 4% of the questions that the Cohort group had the most difficulty with involved the topics surrounding Pro Bono, deep sedation, licensure renewal requirements, composition of the BOD and BOD Councils and what vendors could provide CE courses.

Use of Results: The examination will continue to be an open book test. The topics that scored less than a 74% will be added to learning activity when researching the Florida State Statutes in DEH 1002 for fall 2019. In addition, these topics will be added to the voice over to stress most common areas missed on the previous law examination. Incorporating the most commonly missed topics early in DEH 1002 and the voiceover presentation in DEH 2930 will result in a 2% decrease in these topics being missed on the Florida Law final by the Class of 2020.

The next faculty meeting is scheduled for August 16 or 17, 2019.

Respectfully submitted:

Karen Molumby