SAINT LOUIS UNIVERSITY.

Program-Level Assessment: Annual Report

Program Name (no acronyms): Graduate Periodontics Program	Department: Graduate Periodontics
Degree or Certificate Level: Master of Science	College/School: Center for Advanced Dental Education
Date (Month/Year):**August 2021**	Assessment Contact: Dr. Elio Reyes Rosales

In what year was the data upon which this report is based collected? **2018-19**

In what year was the program's assessment plan most recently reviewed/updated? **2019**

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

1- Prepare residents to be competent in all aspects of clinical periodontics
2- Critically evaluate scientific literature and communicate the information to others
3- Prepare residents to effectively teach pre-doctoral students.

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe and identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

Favorable passing grades from course directors and clinical faculty in the following courses:

- Clinical Periodontics course
- Current Literature course
- Principles of Periodontics course
- Periodontal Literature Review course
- Periodontal Case Presentation course
- Core curriculum courses

Direct assessment from clinical faculty assigned with the residents during the Teaching Practicum

3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and **include them in/with this report document** (do not just refer to the assessment plan).

Final grades from the, Course Directors and Clinical Faculty, are provided to the Program Director. These are based on the performance in didactic courses and clinical activities based on the numerical grades or satisfactory or unsatisfactory execution of each resident.

4. Data/Results

What were the results of the assessment of the learning outcome(s)? Please be specific. Does achievement differ by teaching modality (e.g., online vs. face-to-face) or on-ground location (e.g., STL campus, Madrid campus, other off-campus site)?

The residents achieved satisfactory grades by the different faculty members.

5. Findings: Interpretations & Conclusions

What have you learned from these results? What does the data tell you?

The residents are achieving the established goals based on outcomes assessment.
Alumni surveys demonstrate that residents are well prepared to practice the specialty of periodontics

6. Closing the Loop: Dissemination and Use of Current Assessment Findings

A. When and how did your program faculty share and discuss these results and findings from this cycle of assessment?

During the course of the semester, direct feedback from the different faculty members was obtained. During the annual Faculty Advisory Committee meeting the members discussed the performance of the residents. From the notes and comments from faculty reports on the evaluation of each resident's performance.

B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies	• Modified class format to distance learning during COVID contingency. • Added content to didactic courses in clinical periodontics and prosthodontics	• Increased clinical time at SLU CADE
Changes to the Assessment Plan	• N/A	

Please describe the actions you are taking as a result of these findings.

- Modified temporarily the didactic classes during COVID-19 contingency quarantine to online didactic courses
- Terminated rotation through affiliate site due to feedback from residents (In the last years a reduction in number of patients and quality of cases has impacted negatively the quality of the clinical experience at SIU SDM)
- Introduced the Implant -Periodontal -Prosthetic seminars to improve didactic courses in prosthodontics.
- Increased the clinical time for YIII residents at SLU CADE.
- Established a new affiliation agreement for collaboration with A.T. Still University in Missouri to enhance the educational experience and collaborate with dental students as mentors.

If no changes are being made, please explain why.

7. Closing the Loop: Review of Previous Assessment Findings and Changes

A. What is at least one change your program has implemented in recent years as a result of assessment data?

Discontinued collaboration with Southern Illinois University School of Dental Medicine (SIU SDM) due to poor feedback from residents regarding patient cases, number of patient cancellations and quality of treatment. Increased the number of Conscious Sedation days to facilitate treatment of more sedation cases.

B. How has this change/have these changes been assessed?

Graduate Periodontics Advisory Committee has evaluated the feedback from residents and alumni, and resident cases reports. All indicating the need to improve the quality at SIU SDM.
Assessment of the number and quality of cases from the residents case reports.

C. What were the findings of the assessment?

The residents are performing favorably, but number of cases has decreased at SIU-SDM.

D. How do you plan to (continue to) use this information moving forward?

Advisory Committee will continue to monitor the performance of the residents and the possible need to make modifications to improve the quality of the program.

IMPORTANT: Please submit any assessment tools (e.g., rubrics) with this report as separate attachments or copied and pasted into this Word document. Please do not just refer to the assessment plan; the report should serve as a stand-alone document.

Overall Goal or Objective	**Prepare residents to be competent in all aspects of clinical periodontics**
Outcomes Assessment Mechanism	a. Clinical Periodontics course b. Current Literature course c. Principles of Periodontics course d. Periodontal Literature Review course e. Periodontal Case Presentation course f. Exit interview g. Alumni survey
How often conducted	a, b, c, d, e – each term given f – annually g – 3 and 8 years post-grad.
Date to be conducted/ finished by	a. Clinical Periodontics course – summer, fall & spring terms b. Current Literature course – summer, fall & spring terms c. Principles of Periodontics course – summer, fall & spring terms d. Periodontal Literature Review course – fall & spring terms e. Periodontal Case Presentation course – summer, fall & spring terms f. Exit interview – June of final year g. Alumni survey – 3 and 8 years post-graduation
Results expected	To be competent in clinical periodontics upon graduation.
Results achieved	a, b, c, d, e – all residents have satisfactory grades f, g – residents feel proficient in clinical periodontics
Assessment of results	Objective had been met
Program improvement as a result of data analysis	Not applicable
Date of next assessment	See above

Overall Goal or Objective	**Prepare residents to effectively teach pre-doctoral students.**
Outcomes Assessment Mechanism	a. Teaching Practicum b. Faculty Outcomes Survey
How often conducted	a – each term b – every other year
Date to be conducted/ finished by	a – summer, fall and spring terms of 2nd and 3rd year b – September of every other year

Results expected	Residents should demonstrate effective teaching skills.
Results achieved	All residents have obtained a "satisfactory" performance in the Teaching Practicum and the Faculty Outcomes Surveys.
Assessment of results	Residents have demonstrated the ability to effectively teach pre-doctoral students.
Program improvement as a result of data analysis	Not applicable.
Date of next assessment	Following each term.

Overall Goal or Objective	**Critically evaluate scientific literature and communicate the information to others.**
Outcomes Assessment Mechanism	a. Periodontal Literature Review course b. Current Literature Review course c. Core Curriculum courses
How often conducted	At the end of each course
Date to be conducted/ finished by	Summer, fall and spring terms
Results expected	Residents achieve satisfactory grades
Results achieved	All residents have achieved satisfactory grades
Assessment of results	Residents are able to critically evaluate the scientific literature and communicate this information.
Program improvement as a result of data analysis	Not applicable.
Date of next assessment	At the end of the current term.