

2022 ANNUAL ACADEMIC ASSESSMENT REPORT FORM
(Due October 15 to the dean)**PROGRAM SECTION (Due to the dean on October 15)****Submission date:** 10/7/2022**Submitted by:** Carri Shamburger; Program Director; cashamburger@alaska.edu**Program(s) covered in this report:** Dental Hygiene BS

If you selected "Other" above, please identify. (100 characters or less) NA

College: College of Health**Campuses where the program(s) is delivered:** ☒ Anchorage ☐ KOD ☐ KPC ☐ MSC ☐ PWSC**Specialized accrediting agency (if applicable):** Commission on Dental Accreditation of the American Dental Association**If explanation is necessary, such as only some of the certificates and degrees are covered by the specialized accreditation, briefly describe:** NA**INSTITUTIONAL STUDENT LEARNING CORE COMPETENCIES**

In 2020, UAA launched a consensus-based, deliberative process to identify the key skillsets that help students achieve academic and post-graduation success. After a year-long process that included students, faculty, staff, administrators, alumni, and employers, the UAA community identified four core competencies at the heart of a quality UAA education. Students develop mastery of these competencies through curricular (e.g., courses), co-curricular (e.g., internships, conferences), and extra-curricular (e.g., student clubs) learning experiences.

After the stakeholder-based process in AY20, UAA is phasing in the integration of the core competencies into ongoing processes, including program student learning outcomes assessment. Personal, Professional, and Community Responsibility (PPCR) was integrated into the AY21 Annual Academic Assessment Report. The AY22 Annual Academic Assessment Report now also integrates Effective Communication.

Question #1 below is designed to engage program faculty in thinking about how they can or already do promote student learning in these two core competencies.

1. A. *Personal, Professional, and Community Responsibility: The knowledge and skills necessary to promote personal flourishing, professional excellence, and community engagement.*

- **If last year you provided your program's current or planned example of an intentionally designed course, assignment, or activity that develops and showcases the student learning in this core competency, please discuss that implementation and any observations you have regarding how well it is working. (500 characters or less)**

The professional dental hygienist plays an integral role in assisting and educating individuals and groups in achieving and maintaining optimal oral health. Students take part in DH Community courses where they present information on community dental health epidemiology, and develop, design, and implement community dental health care projects. Children's Day was implemented as a public health event for children and adolescents. These assignments promote personal and professional flourishing.

- **If last year you *did not* identify a current or planned example of an intentionally designed course, assignment, or activity that provides students the opportunity to develop and showcase this core competency, please identify one now. (500 characters or less)** The DH program continually works on developing this core competency by offering events and learning environments that promotes professionalism, and community engagement.

B. *Effective Communication: The knowledge and skills necessary to engage in effective communication in diverse contexts and formats.*

- **What would you hope a student would say if asked where in your program or support service they had the opportunity to develop proficiency in this core competency? (500 characters or less)**

Dental hygienists provide educational, clinical, and consultative services to individuals and populations of all ages in a variety of settings and capacities. Our students would attest to the quality education they have received that would allow them to exceed in whatever professional role they decide for themselves.

- **Provide your program's current or planned example(s) of an intentionally designed course, assignment, or activity that showcases the student learning in this core competency. (500 characters or less)**

The DH program's held it's 1st annual Children's Day. This community dental health clinic provided services to children and youth within the community, and assisted students in meeting accreditation standards of working with children and adolescents. The DH students provided oral health education through skits& puppet shows and delivered preventive treatments such as dental cleanings, fluoride treatments, & sealants. This event aligns with UAA's new core competencies and will be held annually.

PROGRAM STUDENT LEARNING OUTCOMES

2. **Please list the Program Student Learning Outcomes your program assessed in AY22. For each outcome, indicate one of the following: Exceeded faculty expectations, Met faculty expectations, or Did not meet faculty expectations.**

Example: Communicate effectively in a variety of contexts and formats – Exceeded faculty expectations.

1. Provide and document dental hygiene care in a legal and ethical manner. - Exceeded Faculty Expectation
2. Exhibit professional behavior, including time management, risk management, and respect of patients and co-workers. - Met Faculty Expectation
3. Critically evaluate scientific literature and research relevant to dental hygiene. - Met Faculty Expectation
4. Collect, analyze, and record data on the general and oral health status of patients. - Exceeded Faculty Expectation
5. Use critical decision-making skills to develop a dental hygiene diagnosis, which will provide a basis for interventions that are within the scope of dental hygiene practice and determine the need for referral to appropriate health professions as needed. - Met Faculty Expectation
6. Formulate a dental hygiene care plan, including a planned sequence of educational, preventive, and therapeutic services based on the dental hygiene diagnosis in collaboration with the patient and other health care providers. - Met Faculty Expectation
7. Deliver preventive and therapeutic care to achieve and maintain oral health utilizing established infection control procedures, pain control measures, and ergonomic practices. - Met Faculty Expectation
8. Evaluate the effectiveness of the implemented services, and modify as needed. - Met Faculty Expectation
9. Promote the profession of dental hygiene through service and affiliations with professional organizations. - Exceeded Faculty Expectation
10. Assess, plan, implement, and evaluate complex community oral health projects to diverse populations. - Exceeded Faculty Expectation

3. Describe your assessment process in AY22 for these Program Student Learning Outcomes, including the collection of data, analysis of data, and faculty (and other, e.g., advisory board) conversations around the findings. (750 characters or less)

CODA accreditation requires publicly posted program competencies that demonstrate required skills and knowledge. Assessment tools are reviewed by faculty at the end of each academic year in response to institutional changes, professional emphasis, and student performance on school, national, and regional examinations, and address changes in professional research data. Evaluation and revisions are made during program faculty meetings or special meetings as needed. Outcomes are assessed at the end of the academic year. Faculty meet to share instrument data from their courses and to discuss student performance. Dental Advisory Committee meetings are held once each semester and consulted as needed.

4. What are the findings and what do they tell the faculty about student learning in your program? (750 characters or less)

Program Assessment Measures include:

Course examinations/assignments - Completed above the Benchmark of 80%.

Case presentations - Completed at or above the Benchmark an 80%.

Professionalism grade - Completed above the Benchmark of 90%

Literature reviews - Completed at or above the Benchmark of 80%

Competencies - Minimum requirement 80% - Completed at 85% or higher.

Community Projects - Completed above benchmark of 80%

ADHA Membership- 100 % Student participation. Met benchmark or 80%

- 5. Based on the findings, did the faculty make any recommendations for changes to improve student achievement of the Program Student Learning Outcomes? Please describe the recommended action, what improvement in student learning the program hopes to see with this change, the proposed timeline, and how the program will know if the change has worked. If no recommendations for changes were made, please explain that decision. (750 Characters or less)**

The program underwent reaccreditation in 2022 with CODA. The site visit revealed specific areas requiring improvement, particularly in the tracking of patient numbers and patient periodontal classifications. The program needed to improve its ability to show that students do in fact treat children and adolescent patients, as well as patients that are moderate to severe periodontal disease. The program has implemented an annual Children's Day event and purchased a software system to assist with patient tracking.

PROGRAM IMPROVEMENTS AND ASSESSING IMPACT ON STUDENT LEARNING

- 6. In the past academic year, how did your program use the results of previous assessment cycles to make changes intended to improve student achievement of the Program Student Learning Outcomes? Please check all that apply.**

- ☒ Course curriculum changes
- ☒ Course prerequisite changes
- ☐ Changes in teaching methods
- ☐ Changes in advising
- ☐ Degree requirement changes
- ☐ Degree course sequencing
- ☐ Course enrollment changes (e.g., course capacity, grading structure [pass/fail, A-F])
- ☒ Changes in program policies/procedures
- ☐ Changes to Program Student Learning Outcomes (PSLOs)
- ☐ College-wide initiatives (e.g., High-Impact Practices)
- ☒ Faculty, staff, student development
- ☐ Other
- ☐ No changes were implemented in AY22.

If you checked "Other" above, please describe. (100 characters or less)

NA

- 7. Do you have any information about how well these or other past improvements are working? Are they achieving their intended goals? Please include any data or assessment results that help you demonstrate this. (750 characters or less)**

The DH program, Children's Day was implemented to provide services to children and adolescents within the community and has assisted students in meeting accreditation standards of working with children and adolescents. Students are also able record the periodontal categories of each patient seen in the program's new software platform. Reports can be generated to help meet clinical standards. As the software is in its inaugural semester, assessment of its use will be performed at the conclusion of the fall semester.

- 8. PROGRAMS ARE NOT REQUIRED TO RESPOND TO QUESTION #8 FOR THEIR REPORT DUE ON OCTOBER 15, 2022. IT IS HERE JUST FOR THEIR REFERENCE.**

- 9. Do you have any examples of post-graduate success you want to highlight? For example, major scholarships, the percent of students who pass licensure examinations, the percent of students accepted to graduate programs, the percent in post-graduation employment in the field or a related field. (750 characters or less)**

100% of the eleven graduating students from the class of 2022 passed their National Dental Hygiene Exam and scored above the national average of 77%. All eleven also successfully passed their Western Regional clinical exams for dental hygiene and local anesthesia required for licensure. All eleven graduates have become licensed clinicians and received employment opportunities prior to graduation. The majority of them are successfully working in the profession.

DEAN SECTION (Due to the program on January 15)

- 1. Based on the program's responses above, what guidance and support do you have for the program moving forward? (750 characters or less)**

The program has demonstrated excellent outcomes in its national board exam pass rates as well as job placement rates. The program is commended for this, particularly given that recent graduates completed their dental hygiene education during COVID restrictions which significantly impacted the operations of dental clinics and labs and how students were able to engage in learning activities. In moving forward with assessment, in addition to noting whether each assessment outcome meets a benchmark, I would encourage the program to specify the actual outcome and provide some analysis of these data in terms of what this tells faculty about student learning and/or the impact of the assessment process.

- 2. What is the program doing particularly well in terms of its processes for the assessment and improvement of student learning, for example, the achievement of the Program Student Learning**

Outcomes, the closing of equity gaps, or addressing the core competencies? (750 characters or less) The program has done well with identifying specific areas for improvement such as using a new tool to track specific outcomes. The program is encouraged to continue that and report on how that has impacted the ability to have more robust or extensive outcomes data that informs program improvement.

The addition of Children's Day was an innovated mechanism to address an assessment finding and, additionally, provided an excellent opportunity to develop one of UAA's core competencies as noted in the program's assessment.

It is noted and appreciated that the program incorporates feedback from its advisory board into its assessment process. Industry input is critical to continuing to develop a workforce that meets current needs.

Dean's signature:



Date: 1/9/2023