Dental Hygiene
Comprehensive Academic Program Review
2010-11

Associate in Science Degree:
Dental Hygiene

Department of Academic Effectiveness and Assessment
St. Petersburg College
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Dental Hygiene Program

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Dental Hygiene
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Executive Summary

Introduction
The program review process at St. Petersburg College (SPC) is a collaborative effort designed to continuously measure and improve the quality of educational services provided to the community.

Program Description
Dental hygienists are licensed preventive oral health professionals, who provide educational, clinical and therapeutic services supporting total health through the promotion of optimal oral health. After graduation a license is required to enter dental hygiene practice. A Florida dental hygiene license requires passing a National Dental Hygiene Board examination, state clinical examination as well as meeting other eligibility requirements determined by the Florida Board of Dentistry.

Degrees Offered
An Associate in Science degree in Dental Hygiene is offered at SPC.

Program Performance
- **Actual Course Enrollment** in the Dental Hygiene program reached a three-year high (397) during Spring 2008-09, and then decreased in the Fall (340) and Spring (355) terms of 2009-10, from the previous year. Summer had the lowest actual enrollment over the last three years.
- **Unduplicated Headcount** decreased slightly during all three terms of 2009-10, from the previous two years.
- In 2009-10, **Student Semester Hour (SSH) Productivity** showed a slight decrease in Fall (0.91) and Spring (0.95) over the previous year, while increasing slightly (1.05) during Summer.
- The number of **program graduates** in the Dental Hygiene program increased (37) in 2009-10, from the previous year (29), after reaching a six-year high (40) in 2006-07.
- The vast majority of students in the program continue to succeed in the courses. In Spring 2009, 99.5% of the students were successful, as compared to 99.7% in Spring 2010. In Fall 2008, 98.7% of the students succeeded as compared to 99.4% in Fall 2009.
- **Fulltime Faculty** taught 47.1% of the ECHs in 2009-10, as compared to 50.2% in 2008-09. Adjunct Faculty taught 35.5% of the ECHs in 2009-10, as compared to 33.7% in 2008-09.
- The highest semester for Adjunct ECHs was Summer 2009-10 in which adjunct faculty taught 47.7% of the program’s course load. The three-semester average (35.5%) for adjuncts in 2009-10 is consistent with the College’s general 65/35 Fulltime/Adjunct Faculty Ratio guideline.

Program Profitability
- The **Relative Profitability Index (RPI-T)** for the Dental Hygiene program has remained consistent over the last several years. The program’s 2009-10 RPI-T (0.26) remained the same as in 2008-09.
Program Improvements

- **Capital Expenditures** (Fund 10 and 16) for the Dental Hygiene program during the past three years totaled $13,934. Program improvements made as a result of the capital expenditures included twenty-four Dentapure Waterline Purifiers, and one DigiDoc Intraoral Camera.

Academic Outcomes

- The *2008-09 Academic Program Assessment Report* indicated that the desired results were met for ten of the thirteen Major Learning Objectives (MLOs) assessed during 2008 and 2009.
- The *2008-09 Academic Program Assessment Follow-up Report* was completed in July 2010. All of the action items were successfully completed, and the results published in the December 2008-09 follow-up report.

Stakeholder Perceptions

- All the individual average content area scores for the *Student Survey of Instruction (SSI)* were above the traditional threshold (an average of 5.0) used by the College for evaluating seven-point satisfaction scales. These results suggest general overall satisfaction with the courses within the Dental Hygiene program; specifically, as they relate to faculty engagement, preparation an organization, and course instruction.
- A Dental Hygiene **advisory committee meeting** was held on November 8, 2010. The meeting consisted of a review of program activities, discussions about community activities, job placement and labor market review, FADE report, and committee recommendations.
- Thirty-four **Recent Graduate surveys** were provided to the 2008-09 graduates of the Dental Hygiene program. Responses were received from eleven A.S. graduates.
- Not all respondents answer every survey question; therefore, the percentages listed below represent the responses to each survey question in relation to the total number of responses received for each question.

Notable results include:

- 18.2% of recent graduate survey respondents were in the military.
- 42.9% of recent graduate survey respondents who were employed, were employed full-time.
- 66.7% of recent graduate survey respondents had a current position related to their studies.
- 27.3% of recent graduate survey respondents indicated their main goal in completing a degree or certificate at SPC was to “Earn more money,” 18.2% to “Change career fields,” 18.2% to “Continue my education,” 18.2% to “Obtain employment,” 9.1% to “Meet Certification-training needs,” while the remaining 9.1% selected to “Get a promotion.”
- 40.0% of recent graduate survey respondents indicated their SPC degree allowed them to “Earn more money,” 40.0% to “Obtain employment,” 30.0% to “Continue my education,” 20.0% to “Change career fields,” 20.0% to “Meet Certification/training needs,” 10.0% to “Get a Promotion,” and 10.0%
said “Other.” [Note: The total may exceed 100% as this question allows multiple responses.]

- 45.5% of recent graduate survey respondents indicated that SPC did “Adequately” in helping them meet their goal, 27.3% “Exceptionally well,” while 18.2% thought that SPC did ‘Very well’ in helping them meet their goal.

- 66.7% of recent graduate survey respondents indicated that they earned $25.00 or more per hour ($52,000 or more annually); 16.7% earned between $10.00 and $14.99 per hour ($21,000 and $30,999 annually); while the remaining 16.7% earned less than $10.00 per hour (less than $21,000 annually).

- 30.0% of recent graduate survey respondents indicated that they are continuing their education.

- 87.5% of recent graduate survey respondents would recommend SPC’s Dental Hygiene program to another.

- One employer survey was sent out based on the permissions provided by recent graduates in the 2008-09 recent graduate survey, and the respondent provided an evaluation of the graduate’s college preparation. Since a single response cannot accurately represent the entire program, employer survey results about college preparation will not be reported.

**Occupation Profile**

- One occupation description for Dental Hygienist was located in the Bureau of Labor Statistics for the Dental Hygiene program.

- The 2009 median yearly income for dental hygienists was $67,400 in the United States, and $59,800 in Florida.

- Employment trend information for dental hygienists showed a significant average annual increase (32% - 36%) in employment for the profession over the next 3 - 7 years, for both the country and state.

- The major employers of SPC’s Dental Hygiene program graduates are All Smiles Tampa Bay; Bright and Now Dental and Big Bend Dental; Dental Excellence at FishHawk; Dr. Amy MacGregor, DMD; Dr. Anderson; Dr. Bracy; Dr. Glen Srayder, DDS; Dr. Joel Goldberg / Dr. Aleksander Precoj; Dr. John Eifert; Dr. John Gonzales, DDS; Dr. Kimberly Chapman and SoftCare Dental; Dr. Masoud Goodarzi, DMD, PA; Dr. Michael Grant, DDS; Dr. N. Horton, DDS; Dr. Paul Mevoli, DMD; Dr. Richard DeMarsh, DDS, PA; Dr. Stephen Kobernick; Egleston Family Dental; Exceptional Dental; Friendly Smiles Dental Care; Great Expressions / Dental Health Group; Great Expressions Dental; Highlands Dental; Ligon & Ligon, DDS, PA; Michael Crovatt, DMD; Mid-County Dental Association; Palm Lake Dental Group and Janice Brand, DDS; Richard Cullinan, DMD; and US Air Force

- Total Placement in the Dental Hygiene program from 2005-06 through 2007-08 has remained consistent at 94% or higher.

**State Graduates Outcomes**

- State Graduates data indicated that two hundred and seventy-eight students completed a state Dental Hygiene program in 2008-09, of those two hundred and fifteen had some matching state data and were employed. Eighty percent (80%)
of those state graduates were employed at least a full quarter. The placement rate (85%) for SPC graduates was slightly lower than the overall placement rate (90%).

Program Administrator’s Perspective: Issues, Trends, and Recent Successes

Actual course enrollment and graduation rates for the Dental Hygiene (DH) program remained consistent during 2009-10, and are well above the standards for St. Petersberg College.

The course enrollment in the DH program is very specific, as it is based on sequential scheduling. Thus, courses are only offered once a year. In the fall semester, many sections of a clinical course taken by both freshmen and sophomore students, are offered. The spring semester is the most challenging semester for freshmen students, as they are enrolled in six courses including one lab course. The summer semester is traditionally the lightest for course work. The drop in the number of graduates during 2008-09 was due to a reporting issue, thus several of those graduates were reported during 2009-10.

The SSI surveys indicate an overall satisfaction for the instruction received. The SSI survey scores were well above the average threshold for SPC for faculty engagement, preparation and organization, and course instruction. As students progress through the program, and reach clinical competency and graduation benchmarks, they are well qualified for the profession of dental hygiene. This is reflected by both their graduate and employer surveys. Graduate student surveys indicate that over 87% would recommend SPC’s DH program.

- **Enrollment:** Program enrollment for May 2009 was reduced by 20%, and supported by the Advisory Committee due to employment statistics and the job market. The program continues to have many more applicants who meet the minimum requirements for entry, than can be accepted. The Air Force partnership remains in place, and each year it adds six students who meet the minimum requirements for admission to the program.

- **Program Graduates and Accreditation:** The vast majority of the students in the program succeed in the courses within the curriculum. The National Dental Hygiene Board Exam scores were consistently above the national mean. The program graduates very competent dental hygienists who perform well on national and state board examinations. The next accreditation site visit is scheduled for November 29th and 30th in 2012.

- **Faculty:** The DH program has dedicated faculty who work diligently with the students, patients in the clinic, within the community, and through the professional association to promote the profession, mentor students and support the community. All faculty attend calibration meetings, and teaching methodology sessions to maintain and improve the consistency within the programs’ multiple clinical and didactic courses.

- **Retention:** The DH program staff works hard to foster student success in the classroom and clinical environment. A professional tutor (adjunct registered
dental hygienist), works with struggling students who are referred, or request support. This tutoring is done by early referral intervention, remedial support, and utilization of resources through the New Initiative Program (NIP).

- **Needs:** The action plan identifies two needs. One is to develop an effective tracking mechanism after graduation, to monitor the economic climate and the market saturation caused by additional schools of dental hygiene in Florida. The second is to establish a replacement policy for aging clinical equipment.

**Recommendations/Action Plan**

- Program Recommendations and action plans are compiled by the Provost and Program Administrator, and are located at the end of the document.
SPC Mission Statement
The mission of St. Petersburg College is to provide accessible, learner-centered education for students pursuing selected baccalaureate degrees, associate degrees, technical certificates, applied technology diplomas and continuing education within our service area and globally, while retaining leadership as a comprehensive, sustainable, multi-campus postsecondary institution and as a creative partner with students, communities, and other educational institutions to deliver rich learning experiences and to promote economic and workforce development.

Introduction
In a holistic approach, the effectiveness of any educational institution is the aggregate value of the education it provides to the community it serves. For over seventy-five years, St. Petersburg College (SPC) has provided a wide range of educational opportunities and services to a demographically diverse student body producing tens of thousands of alumni who have been on the forefront of building this county, state, and beyond. This is due, in large part, to the College’s institutional effectiveness.

Institutional Effectiveness
Institutional Effectiveness is the integrated, systematic, explicit, and documented process of measuring performance against the SPC mission for the purposes of continuous improvement of academic programs, administrative services, and educational support services offered by the College.

Operationally, the institutional effectiveness process ensures that the stated purposes of the College are accomplished. In other words did the institution successfully execute its mission, goals, and objectives? At SPC, the Offices of Planning, Budgeting, and Research work with all departments and units to establish measurable statements of intent that are used to analyze effectiveness and to guide continuous quality improvement efforts. Each of St. Petersburg College’s units is required to participate in the institutional effectiveness process.

The bottom-line from SPC’s institutional effectiveness process is improvement. Once SPC has identified what it is going to do then it acts through the process of teaching, researching, and managing to accomplish
its desired outcomes. The level of success of SPC’s actions is then evaluated. A straightforward assessment process requires a realistic consideration of the intended outcomes that the institution has set and a frank evaluation of the evidence that the institution is achieving that intent.

There is no single right or best way to measure success, improvement, or quality. Nevertheless, objectives must be established, data related to those objectives must be collected and analyzed, and the results of those findings must be used to improve the institution in the future. The educational assessment is a critical component of St. Petersburg College’s institutional effectiveness process.

**Educational Assessment**

Educational programs use a variety of assessment methods to improve their effectiveness. Assessment and evaluation measures are used at various levels throughout the institution to provide provosts, deans, program managers, and faculty vital information on how successful our efforts have been.

While the focus of a particular educational assessment area may change, the assessment strategies remain consistent and integrated to the fullest extent possible. The focus for Associate in Arts degrees is targeted for students continuing on to four-year degree programs as opposed to the Associate in Applied Science, Associate in Science, and Baccalaureate programs which are targeted towards students seeking employable skills. The General Education based assessments focus on the general learning outcomes from all degree programs, while Program Review looks at the viability of the specific programs.

The individual reports unique by their individual nature are nevertheless written to address how the assessments and their associated action plans have improved learning in their program. The College has developed an Educational Assessment Website ([https://it.spcollege.edu/edoutcomes/](https://it.spcollege.edu/edoutcomes/)) to serve as repository for all SPC’s educational outcomes reports and to systematically manage our assessment efforts.
Program Review Process

The program review process at St. Petersburg College is a collaborative effort to continuously measure and improve the quality of educational services provided to the community. The procedures described below go far beyond the “periodic review of existing programs” required by the State Board of Community Colleges; and exceeds the necessary guidelines within the Southern Association of Community Colleges and Schools (SACS) review procedures.

State guidelines require institutions to conduct program reviews every seven years as mandated in chapter 1001.03(13) of the Florida Statutes, the State Board of Education (formerly the Florida Board of Education) must provide for the review of all academic programs.

(13) CYCLIC REVIEW OF POSTSECONDARY ACADEMIC PROGRAMS.--The State Board of Education shall provide for the cyclic review of all academic programs in community colleges and state universities at least every 7 years. Program reviews shall document how individual academic programs are achieving stated student learning and program objectives within the context of the institution's mission. The results of the program reviews shall inform strategic planning, program development, and budgeting decisions at the institutional level.

In addition, Rule 6A-14.060 (5) states that each community college shall:

(5) Develop a comprehensive, long-range program plan, including program and service priorities. Statements of expected outcomes shall be published, and facilities shall be used efficiently to achieve such outcomes. Periodic evaluations of programs and services shall use placement and follow-up data, shall determine whether expected outcomes are achieved, and shall be the basis for necessary improvements.

In 2007, SPC reduced the recommended program review timeline to three years to coincide with the long-standing three-year academic program assessment cycle, producing a more coherent and integrated review
process. Figure 1 represents the relationship between program assessment and program reviewing during the three-year assessment cycle.

Figure 1: Three-Year Academic Program Assessment Cycle

Program Description
Dental hygienists are licensed preventive oral health professionals, who provide educational, clinical and therapeutic services supporting total health through the promotion of optimal oral health. Graduates are awarded the Associate in Science degree in Dental Hygiene. After graduation a license is required to enter dental hygiene practice. A Florida dental hygiene license requires passing a National Dental Hygiene Board examination, state clinical examination as well as meeting other eligibility requirements determined by the Florida Board of Dentistry.

A licensed dental hygienist is qualified for employment in a variety of settings including private dental offices under the supervision of licensed dentists, industrial or hospital dental facilities, public health departments, and public or private school systems.
**Degree Offered**
An Associate in Science degree in Dental Hygiene is offered at SPC.

For a complete listing of all courses within the Dental Hygiene program, please see Appendix A.

**Accreditation**
The Dental Hygiene program is accredited by the American Dental Association: Commission on Dental Accreditation, and was last granted the accreditation status of approval in 2005. The Commission, a specialized accrediting body recognized by the United States Department of Education, will review the Dental Hygiene program again in 2012.
Program Performance

**Actual Course Enrollment**

Actual Course Enrollment is calculated using the sum of actual student enrollment for the courses within the program (Academic Organization Code). This number is a duplicated headcount of students enrolled in the program’s core courses, and does not reflect the actual number of students enrolled in the A.S. program or its associated certificates (if applicable). Actual Course Enrollment in the Dental Hygiene program reached a three-year high (397) during Spring 2008-09, and then decreased in the Fall (340) and Spring (355) terms of 2009-10, from the previous year. Summer had the lowest actual enrollment over the last three years, as shown by Figure 2.

![Actual Course Enrollment Graph](image)

**Figure 2: Actual Course Enrollment**

Source: PeopleSoft Student Administration System: Course Management Summary Report (S_CMSUMM)
**Unduplicated Headcount**

Unduplicated Headcount is the total number of unduplicated students with a program plan within the area of study (e.g., A.S. or certificate) that are currently enrolled in a course under that Academic Org. during the term of interest. This excludes 1) students in a different program plan or 2) students in the right program plan who are not taking courses within that Academic Org. for the term of interest. Unduplicated Headcount decreased slightly during all three terms of 2009-10, from the previous two years as shown by Figure 3.

![Figure 3: Unduplicated Headcount](source)

Source: PeopleSoft Student Administration System
Productivity

Student Semester Hour (SSH) Productivity is calculated by dividing actual SSH by the budgeted SSH. In 2009-10, SSH productivity showed a slight decrease in Fall (0.91) and Spring (0.95) over the previous year, while increasing slightly (1.05) during Summer, as shown by Figure 4.

![SSH Productivity Chart](chart.png)

Figure 4: SSH Productivity

Source: PeopleSoft Student Administration System: Course Management Summary Report (S_CMSUMM)
Program Graduates

The number of program graduates in the Dental Hygiene program increased (37) in 2009-10, from the previous year (29), after reaching a six-year high (40) in 2006-07, as shown in Figure 5.

Figure 5: Program Graduates

Source: 2009-10 SPC Factbook, Table 31
Grade Distributions
To provide a reference for program performance at the classroom level, grade distributions are provided. Table 1 includes the percentage of students receiving an A, B, C, D, or F in the program core courses. The information was compiled from the college wide grade distribution report generated at the end of the session. Some course data, such as dual credit courses generally do not end at the same time as the regular campus courses and may be omitted. In addition, the number of enrollments is a duplicated headcount where students are counted for each class registered, however, only A, B, C, D, and F grades are included in the calculations.

Table 1
Program Core Course Grade Distributions

<table>
<thead>
<tr>
<th>Semester</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2009</td>
<td>53.1%</td>
<td>43.8%</td>
<td>2.6%</td>
<td>0.5%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Spring 2010</td>
<td>47.0%</td>
<td>47.9%</td>
<td>4.8%</td>
<td>0.3%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>24.5%</td>
<td>61.3%</td>
<td>12.9%</td>
<td>1.1%</td>
<td>0.3%</td>
</tr>
<tr>
<td>Fall 2009</td>
<td>25.5%</td>
<td>53.6%</td>
<td>20.3%</td>
<td>0.6%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Fall 2010</td>
<td>35.5%</td>
<td>55.5%</td>
<td>8.1%</td>
<td>0.9%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

Source: Collegewide Grade Distribution Report (Generated at the end of the session)
Figure 6 provides a visual representation of the grade distributions for those students receiving a grade of A, B, or C.

![ABC Grade Distributions](image)

**Figure 6: ABC Grade Distributions**
Source: Collegewide Grade Distribution Report (Generated at the end of the session)
A classroom success rate was also calculated for the program. Classroom success is defined as the percent of students successfully completing the course with a grade of A, B, or C, divided by the total number of students in the course. The vast majority of students in the program continue to succeed in the courses as shown by Figure 7. In Spring 2009, 99.5% of the students were successful, as compared to 99.7% in Spring 2010. In Fall 2008, 98.7% of the students succeeded as compared to 99.4% in Fall 2009.

![Classroom Success Graph](chart.png)

**Figure 7: Classroom Success**

Source: Collegewide Grade Distribution Report (Generated at the end of the session)
**Fulltime/Adjunct Faculty Ratio**

Table 2 displays the number and percentage of Dental Hygiene program equated credit hours (ECHs) taught by the individual faculty classifications. As shown, Fulltime Faculty taught 47.1% of the ECHs in 2009-10, as compared to 50.2% in 2008-09. Adjunct Faculty taught 35.5% of the ECHs in 2009-10, as compared to 33.7% in 2008-09.

**Table 2**

*Equated Credit Hours by Faculty Classification*

<table>
<thead>
<tr>
<th></th>
<th>Fulltime Faculty</th>
<th>Percent of Load Faculty</th>
<th>Adjunct Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of ECHs</td>
<td>% of Classes Taught</td>
<td>Number of ECHs</td>
</tr>
<tr>
<td>Fall 2007-2008</td>
<td>64.3</td>
<td>55.2%</td>
<td>26.3</td>
</tr>
<tr>
<td>Spring 2007-2008</td>
<td>64.8</td>
<td>46.4%</td>
<td>26.0</td>
</tr>
<tr>
<td>Summer 2007-2008</td>
<td>25.8</td>
<td>43.5%</td>
<td>16.3</td>
</tr>
<tr>
<td>2007-2008 Total</td>
<td>154.8</td>
<td>49.1%</td>
<td>68.5</td>
</tr>
<tr>
<td>Fall 2008-2009</td>
<td>52.0</td>
<td>78.8%</td>
<td>0.0</td>
</tr>
<tr>
<td>Spring 2008-2009</td>
<td>64.3</td>
<td>41.7%</td>
<td>29.8</td>
</tr>
<tr>
<td>Summer 2008-2009</td>
<td>28.8</td>
<td>41.8%</td>
<td>17.0</td>
</tr>
<tr>
<td>2008-2009 Total</td>
<td>145.0</td>
<td>50.2%</td>
<td>46.8</td>
</tr>
<tr>
<td>Fall 2009-2010</td>
<td>63.3</td>
<td>48.1%</td>
<td>32.8</td>
</tr>
<tr>
<td>Spring 2009-2010</td>
<td>78.3</td>
<td>49.0%</td>
<td>21.3</td>
</tr>
<tr>
<td>Summer 2009-2010</td>
<td>26.0</td>
<td>40.6%</td>
<td>7.5</td>
</tr>
<tr>
<td>2009-2010 Total</td>
<td>167.5</td>
<td>47.1%</td>
<td>61.5</td>
</tr>
</tbody>
</table>

Source: PeopleSoft Student Administration System: Faculty/Adjunct Ratio Report (S_FACRAT)
The Fulltime/Adjunct Faculty Ratio is calculated by dividing a program’s adjunct’s ECHs by the sum of the Adjunct’s, Percent of Load’s, and Fulltime Faculty’s ECHs. Figure 8 displays the Fulltime/Adjunct Faculty Ratio information for the last three academic years. The highest semester for Adjunct ECHs was Summer 2009-10 in which adjunct faculty taught 47.7% of the program’s course load as shown in Table 2. The three-semester average for adjuncts (35.5%) in 2009-10 is consistent with the College’s general 65/35 Fulltime/Adjunct Faculty Ratio guideline.

![Full-Time / Adjunct Faculty Ratio](image)

**Figure 8: Full-time/Adjunct Faculty Ratio**

Source: PeopleSoft Student Administration System: Faculty/Adjunct Ratio Report (S_FACRAT)
Program Profitability

Relative Profitability Index (RPI-T)
Relative Profitability Index (RPI-T) is a measure of program profitability. It is calculated by dividing a program’s income by the sum of its personnel expenses and current expenses. Only Fund 10 financials are used in the calculation of RPI-T; specifically, program revenues (GL 400000), personnel expenses (GL 500000), and current expenses (GL 600000).

Program revenues (GL 400000) can include (1) student application fees and tuition, (2) out of state fees, and (3) gifts from alumni and charitable organizations.

Personnel expenses (GL 500000) can include (1) personnel salary expenses for program management, and instructional staff, (2) personnel salary expenses for OPS and student assistants, and (3) personnel benefits. Personnel assigned to multiple programs may have partial personnel expenses assigned to an individual program.

Current expenses (GL 600000) can include operating expenses for (1) travel, (2) goods and services, and (3) materials and supplies. Current expenses can also include scholarship and fee waivers.
The RPI-T for the Dental Hygiene program has remained consistent over the last several years, as shown by Figure 9. The program’s 2009-10 RPI-T (0.26) remained the same as in 2008-09.

To provide a comparison of the program’s RPI-T to other similar programs, three other comparative measures were calculated. The 2009-10 mean RPI-T for SPC was 0.81; the 2009-10 mean RPI-T for Health Center programs was 0.50; and the 2009-10 mean RPI-T for programs which offered less than 5% of their courses online was 0.39.

Figure 9: Fiscal Summary

Source: PeopleSoft Financial Production System: Summary of Monthly Organization Budget & Actuals Status Report (ORGBUDA1) from End of Fiscal Year
Program Improvements

Capital Expenditures

Capital Expenditures (Fund 10 and 16) for the Dental Hygiene program (Org:11230101) during the past three years totaled $13,934 as shown on Table 3. Program improvements made as a result of the capital expenditures included twenty-four Dentapure Waterline Purifiers, and one DigiDoc Intraoral Camera.

Table 3
Dental Hygiene Program Capital Expenditures

<table>
<thead>
<tr>
<th>Year</th>
<th>Capital Outlay</th>
<th>Account</th>
<th>Purchase Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-08</td>
<td>13,934</td>
<td>700000</td>
<td>Dentapure Waterline Purifiers (24), one DigiDoc Intraoral Camera</td>
</tr>
<tr>
<td>2008-09</td>
<td>0</td>
<td>700000</td>
<td>--</td>
</tr>
<tr>
<td>2009-10</td>
<td>0</td>
<td>700000</td>
<td>--</td>
</tr>
<tr>
<td>Total</td>
<td>$13,934</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: PeopleSoft Financial Production System: Summary of Monthly Organization Budget & Actuals Status Report (ORGBUDA1) from End of Fiscal Year
Academic Outcomes

As part of SPC quality improvement efforts, academic assessments are conducted on each AAS/AS program every three years to evaluate the quality of the program’s educational outcomes. The Dental Hygiene program was evaluated through an Academic Program Assessment Report (APAR) in 2008-09.

Each of the program’s thirteen Major Learning Outcomes (MLOs) was evaluated during the 2008-09 assessment. Each of the thirteen MLOs is listed below:

1. The student will identify the anatomic structures including the human body, dental anatomy, tooth morphology, histology and embryology.
2. The student will identify the principles of physiology, biochemistry and nutrition and how they relate to dental hygiene care.
3. The student will describe the microbial count in periodontal disease and pathological conditions as well as the body’s response to such invaders.
4. The student will analyze pathological disease conditions and how they relate to dental hygiene care and patient mortality.
5. The student will recognize the drugs commonly encountered in the dental office as well as their dosages, administration, contraindications and indications.
6. The student will describe and utilize current methodologies of assessment, prognosis and treatment planning for dental hygiene care.
7. The student will describe the theoretical knowledge of radiography and demonstrate the ability to identify and interpret dental radiographs.
8. The student will describe all the components in the management of dental hygiene care.
9. The student will describe classifications and features of periodontal diseases which will include etiological factors, contributing factors, host responses and treatments involved with the initiation and progression of periodontal disease.
10. The student will identify and describe the agents available to patients for the prevention of dental disease.
11. The student will identify the roles and uses of supportive treatment in the comprehensive dental hygiene care of a patient.

12. The student will demonstrate an understanding of the principles of public health and the methodologies needed to present these concepts to the community.

13. The student will apply their comprehensive knowledge of dental hygiene care through dental hygiene cases.

**Means of Assessment**

The Dental Hygiene program used the results of the National Dental Hygiene Board Examination (NDHB) to assess the Dental Hygiene students. The criteria for success stated that the program class average for each MLO on the National Dental Hygiene Board Examination (NDHB), should be above the mean score for the United States.

The individual results from the National Board are provided to each student as well as to the program director. Approximately three months following each exam the program administrator also receives the “5 year summary report”. This report provides the scores for the exam that was just given as well as the past 4 years as a comparison. Each subject area contains the school’s mean, national mean, and standard deviation for each of the 5 years in each of the 13 subject areas. In addition, this report provides the school ranking of overall performance as compared to the other 230+ schools taking the exam on the same date. These scores will be used as criteria for success.

Data was collected during 2008 and 2009, and the data findings for each MLO are displayed in Tables 4 and 5. As depicted, the criteria for success was met for ten of the thirteen Major Learning Objectives (MLOs) assessed during 2008 and 2009.
Table 4
Dental Hygiene Assessment Results

<table>
<thead>
<tr>
<th>Major Learning Objective Assessed</th>
<th>Dental Hygiene 2008 Assessment Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPC Mean</td>
</tr>
<tr>
<td>MLO 1</td>
<td>11.1</td>
</tr>
<tr>
<td>MLO 2</td>
<td>7.2</td>
</tr>
<tr>
<td>MLO 3</td>
<td>7.3</td>
</tr>
<tr>
<td>MLO 4</td>
<td>9.0</td>
</tr>
<tr>
<td>MLO 5</td>
<td>5.5</td>
</tr>
<tr>
<td>MLO 6</td>
<td>50.6</td>
</tr>
<tr>
<td>MLO 7</td>
<td>45.8</td>
</tr>
<tr>
<td>MLO 8</td>
<td>42.1</td>
</tr>
<tr>
<td>MLO 9</td>
<td>21.9</td>
</tr>
<tr>
<td>MLO 10</td>
<td>11.7</td>
</tr>
<tr>
<td>MLO 11</td>
<td>9.7</td>
</tr>
<tr>
<td>MLO 12</td>
<td>15.7</td>
</tr>
<tr>
<td>MLO 13</td>
<td>107.8</td>
</tr>
</tbody>
</table>

Source: Academic Outcomes from 2008-09 Academic Program Assessment Report (APAR)
Table 5
Dental Hygiene Assessment Results

<table>
<thead>
<tr>
<th>Major Learning Objective Assessed</th>
<th>Dental Hygiene 2009 Assessment Results</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SPC Mean</td>
</tr>
<tr>
<td>MLO 1</td>
<td>10.7</td>
</tr>
<tr>
<td>MLO 2</td>
<td>6.6</td>
</tr>
<tr>
<td>MLO 3</td>
<td>7.6</td>
</tr>
<tr>
<td>MLO 4</td>
<td>7.7</td>
</tr>
<tr>
<td>MLO 5</td>
<td>6.4</td>
</tr>
<tr>
<td>MLO 6</td>
<td>52.2</td>
</tr>
<tr>
<td>MLO 7</td>
<td>41.7</td>
</tr>
<tr>
<td>MLO 8</td>
<td>51.0</td>
</tr>
<tr>
<td>MLO 9</td>
<td>17.4</td>
</tr>
<tr>
<td>MLO 10</td>
<td>8.2</td>
</tr>
<tr>
<td>MLO 11</td>
<td>7.2</td>
</tr>
<tr>
<td>MLO 12</td>
<td>14.8</td>
</tr>
<tr>
<td>MLO 13</td>
<td>102.8</td>
</tr>
</tbody>
</table>

Source: Academic Outcomes from 2008-09 Academic Program Assessment Report (APAR)

The 2008-09 follow-up report was completed in July 2010. All of the action items were successfully completed, and the results published in the December 2008-09 follow-up report. The next assessment report is scheduled to be completed during the 2011-12 academic year.
Stakeholder Perceptions

Student Survey of Instruction (SSI)
Each semester, St. Petersburg College (SPC) administers the Student Survey of Instruction. Students are asked to provide feedback on the quality of their instruction using a 7-point scale where 7 indicates the highest rating and 1 indicates the lowest rating.

The purpose of the SSI survey is to acquire information on student perception of the quality of courses, faculty, and instruction, and to provide feedback information for improvement.

Beginning in Fall 2008, all SSI forms (except Clinical B) have been administered electronically using an online format. During 2009-10, the SSI items were reviewed and revised by a committee composed of faculty and administrators. As a result of the revision process, the lecture, non-lecture, and eCampus forms were consolidated into one form, independent of modality, which has been administered online since Spring 2010.

As part of the instrument validation process, the results from the SSI over the last few years were assessed for reliability and validity. The results of this assessment suggested three underlying factors.

The three factors are faculty engagement, preparation and organization, and course instruction. The survey questions are grouped into these categories as defined below:

- **Faculty Engagement** - focuses on how successful the instructor was in encouraging student performance, the instructor’s level of enthusiasm for the subject and respect for students, how well the instructor applied the stated grading policies including providing students appropriate information to determine their grades, and the instructor’s responsiveness to student questions outside of the classroom.

- **Preparation and Organization** - focuses on the instructor’s overall preparation for the course, the instructor’s ability to start and end class on time, the amount of time spent on course-related activities by
the instructor, and the even assignment and appropriateness of course material throughout the term.

- **Course Instruction** - focuses on the instructor’s clarity of instruction, how well the course objectives were defined by the instructor, and how well the instructor met student expectations.

**SSI Results**
The SSI survey is electronically distributed to all students enrolled in traditional classroom sections, lab courses and self-paced or directed individual study, and online courses at the College. The average scores for Dental Hygiene are all well above the traditional threshold (an average of 5.0) used by the College for evaluating seven-point satisfaction scales during all three semesters. The aggregated survey results by semester and content area are shown by Figure 10.

![SSI Results Chart](image)

**Figure 10: SSI Results**
Source: Student Survey of Instruction Administration Site
Summary

All the individual average content area scores were above the traditional threshold (an average of 5.0) used by the College for evaluating seven-point satisfaction scales. These results suggest general overall satisfaction with the courses within the Dental Hygiene program; specifically, as they relate to faculty engagement, preparation and organization, and course instruction.
Advisory Committee

Community input and participation is an important component of the educational process at the College. The advisory committees are an example of community input. Advisory committees meet a minimum of twice annually with additional meetings as needed for good program coordination.

Advisory committee members are appointed by the College President to serve a one-year term of office and must have a demonstrated competency in the program specialty area or an understanding of the program and of the community at large. An exception to the above may be a lay person directly involved in a related program field such as counseling, public relations, or administration of a business or industry.

Specific Functions of Advisory Committees are:

1. Assessing how the program meets the current occupational needs of employers.
2. Reviewing and making recommendations on the program curriculum.
3. Providing input to help prepare students for work in their chosen field.
4. Assisting in recruiting, providing internships, and in placing qualified graduates in appropriate jobs.
5. Expanding and enhancing St. Petersburg College’s reputation in the community by fostering positive community relationships.
6. Approving all program equipment purchases in excess of $999.99.
**Recent Meeting Summary**

A Dental Hygiene advisory committee meeting was held on November 8, 2010. The meeting consisted of a review of program activities, discussions about community activities, job placement and labor market review, FADE report, and committee recommendations.

**Program Activities Review**

Enrollment updates for AS and BAS programs: AS currently has almost 69 students enrolled; 105 applied for May 2011 with the application deadline of October 1st. The BAS program currently has 121 students enrolled; August enrollment is only at 48 students.

The members noted that manual tanks are no longer in the community, and that the AT 2000 is used predominately in private practices. Most private offices are transitioning to digital but not paperless due to software and personnel turnover. Seven series of x rays are not routinely made. R & L ultrasonic inserts are not being used in private practice.

Tami reported that the Colgate Study grant has been approved and will be implemented in January. The study is designed to measure the effect of Total tooth paste on patients with gingivitis. SPC will receive a $20,000 grant and each patient will receive a $25 gift card for compliance.

The committee suggested contacting UF to determine if they have developed continuing education for local anesthesia for dental hygienists. The committee members anticipate a waiting list for those who want to participate.

**Community Activities**

An Oral Cancer Walk was held at Fort DeSoto Park on November 6, 2010. Katie reported that several SPC Dental Hygiene faculty along with current and former students participated for a total of 190 runners/walkers. Pre-registration collected: $3545; Same day registration collected: $270; Sponsors collected: $4895.

A Give Kids a Smile event, scheduled for Feb 11, 2011 is being organized by Tami and Amy Krueger.
Job placement and Labor Market Review
SPC continues to maintain a class size of 30 plus 6 military for 2011 enrollment. Employer and Graduate surveys were sent out to the graduating class of 2009, in October 2010. Work Force issues upon graduation continue to be a concern.

FADE Report
The meeting was held on October 29-30 at Pasco-Hernando Community College. Katie reported the following:

Discussions with FADE members included: Atraumatic restorative techniques - new tasks for RDH, based on removing decalcified tooth tissue using only hand instruments and restoring the cavity with an adhesive filling material; and incorporating diversity into the classroom.

Sandi Marcil was elected Secretary of the DH section of FADE. Joan Tonner is on the Local Anesthesia Task Force. Katie Woods is on the Bylaws Review Committee.

Committee Recommendations
The following recommendations were made:
• Joan to contact FADE membership to see if they continue to teach manual developing with actual tanks.
• Sandi to investigate a DVD or video demonstration for students to view.
• Request donation of equipment being removed from offices as they go digital
• Consider contacting EquipmentLiquidators.com in Hudson.
• Develop HIPAA consent sign off form in order to transmit DH clinic’s patient’s digital radiographs to private practice offices. Develop statement for email footer as well.
• Perkins Funding money: water filters for clinic first, laptops for students online testing purposes with two secure carts
• Consider checking the price on Dexis Digital sensor
• Consider less expensive Intra Oral Camera with same quality

The complete committee minutes along with the minutes from previous meetings are located in Appendices B, C, D, and E.
Recent Alumni Survey Information

Thirty-four Alumni Surveys were provided to the 2008-09 graduates of the Dental Hygiene program. Responses were received from eleven A.S. graduates.

Thirty-two percent (11 of 34) of the graduates contacted responded to the survey. After receiving permission from the respondents to contact their employers, one employer survey was sent out.

Not all respondents answer every survey question; therefore, the percentages listed below represent the responses to each survey question in relation to the total number of responses received for each question.

Notable results include:

- 18.2% of recent graduate survey respondents were in the military.
- 42.9% of recent graduate survey respondents who were employed, were employed full-time.
- 66.7% of recent graduate survey respondents had a current position related to their studies.
- 27.3% of recent graduate survey respondents indicated their main goal in completing a degree or certificate at SPC was to “Earn more money,” 18.2% to “Change career fields,” 18.2% to “Continue my education,” 18.2% to “Obtain employment,” 9.1% to “Meet Certification-training needs,” while the remaining 9.1% selected to “Get a promotion.”
- 40.0% of recent graduate survey respondents indicated that their SPC degree allowed them to “Earn more money,” 40.0% to “Obtain employment,” 30.0% to “Continue my education,” 20.0% to “Change career fields,” 20.0% to “Meet Certification/training needs,” 10.0% to “Get a Promotion,” and 10.0% said “Other.” [Note: The total may exceed 100% as this question allows multiple responses.]
- 45.5% of recent graduate survey respondents indicated that SPC did “Adequately” in helping them meet their goal, 27.3% “Exceptionally well,” while 18.2% thought that SPC did ‘Very well’ in helping them meet their goal.
- 66.7% of recent graduate survey respondents indicated that they earned $25.00 or more per hour ($52,000 or more annually). 16.7% earned between $10.00 and $14.99 per hour ($21,000 and $30,999 per year).
annually), while the remaining 16.7% earned less than $10.00 per hour (less than $21,000 annually.)

- 30.0% of recent graduate survey respondents indicated they are continuing their education.
- 87.5% of recent graduate survey respondents would recommend SPC’s Dental Hygiene program to another.
- An evaluation of Dental Hygiene graduates’ general education outcomes is displayed in Table 6. Graduates indicated high levels of satisfaction with their college preparation in the area of general education outcomes. Eighteen outcomes received mean scores of 4.1 or higher, while the remaining seven outcomes received mean scores between 3.5 and 3.9.
Table 6
College Preparation Ratings for Recent Dental Hygiene Program Graduates

| General Education Outcomes (Five point rating scale with five being the highest) | Item Ratings |
|---|---|---|
| N | Mean | SD |
| **Communicating clearly and effectively with others through:** | | |
| Speaking | 11 | 4.1 | 0.70 |
| Listening | 11 | 4.3 | 0.65 |
| Reading | 11 | 4.2 | 0.75 |
| Writing | 11 | 3.7 | 0.90 |
| **Your use of mathematical and computational skills:** | | |
| Comfort with mathematical calculations | 11 | 3.5 | 0.93 |
| Using computational skills appropriately | 11 | 3.9 | 1.04 |
| Accurately interpreting mathematical data | 11 | 3.6 | 0.92 |
| **Using the following forms of technology:** | | |
| Email | 11 | 4.6 | 0.50 |
| Word Processing | 11 | 4.4 | 0.81 |
| Spreadsheets | 11 | 3.6 | 0.92 |
| Databases | 11 | 3.6 | 0.92 |
| Internet Research | 10 | 4.4 | 0.70 |
| **Thinking logically and critically to solve problems:** | | |
| Gathering and assessing relevant information | 11 | 4.3 | 0.65 |
| Inquiring about and interpreting information | 11 | 4.2 | 0.60 |
| Organizing and evaluating information | 11 | 4.2 | 0.60 |
| Analyzing and explaining information to others | 11 | 4.2 | 0.60 |
| Using information to solve problems | 11 | 4.2 | 0.60 |
**Table 6, continued**

College Preparation Ratings for Recent Dental Hygiene Program Graduates

<table>
<thead>
<tr>
<th>General Education Outcomes (Five point rating scale with five being the highest)</th>
<th>Item Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
</tr>
<tr>
<td><strong>Working effectively with others in a variety of settings:</strong></td>
<td></td>
</tr>
<tr>
<td>Participating as a team player (e.g., group projects)</td>
<td>11</td>
</tr>
<tr>
<td>Working well with individuals from diverse backgrounds</td>
<td>11</td>
</tr>
<tr>
<td>Using ethical courses of action</td>
<td>11</td>
</tr>
<tr>
<td>Demonstrating leadership skills</td>
<td>11</td>
</tr>
<tr>
<td><strong>Appreciating the importance of lifelong learning:</strong></td>
<td></td>
</tr>
<tr>
<td>Showing an interest in career development</td>
<td>11</td>
</tr>
<tr>
<td>Being open to new ideas and challenges</td>
<td>11</td>
</tr>
<tr>
<td>Willingness to take on new responsibilities</td>
<td>11</td>
</tr>
<tr>
<td>Pursuing additional educational opportunities</td>
<td>11</td>
</tr>
</tbody>
</table>

**Employer Survey Information**

One employer survey was sent out based on the permissions provided by recent graduates in the 2008-09 recent graduate survey, and the respondent provided an evaluation of the graduate’s college preparation. Since a single response can not accurately represent the entire program, employer survey results about college preparation will not be reported.
Occupation Profile

One occupation description was located in the Bureau of Labor Statistics for the Dental Hygiene program. The occupation description title was Dental Hygienists.

Occupation Description

The occupation description for Dental Hygienists 29-2021.00 used by the Bureau of Labor Statistics is shown below.

*Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop X-rays, or apply fluoride or sealants.*

US, State, and Area Wage Information

The distribution of 2009 wage information for dental hygienists is displayed in Table 7. The median yearly income for dental hygienists was $67,400 in the United States, and $59,800 in Florida. The wage information is divided by percentiles for hourly and yearly wages, as well as by location.

<table>
<thead>
<tr>
<th>Location</th>
<th>Hourly Pay Period</th>
<th>10%</th>
<th>25%</th>
<th>Median</th>
<th>75%</th>
<th>90%</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>Hourly</td>
<td>$21.59</td>
<td>$26.74</td>
<td>$32.38</td>
<td>$38.46</td>
<td>$44.64</td>
</tr>
<tr>
<td></td>
<td>Yearly</td>
<td>$44,900</td>
<td>$55,600</td>
<td>$67,400</td>
<td>$80,000</td>
<td>$92,900</td>
</tr>
<tr>
<td>Florida</td>
<td>Hourly</td>
<td>$19.37</td>
<td>$24.28</td>
<td>$28.77</td>
<td>$32.64</td>
<td>$37.89</td>
</tr>
<tr>
<td></td>
<td>Yearly</td>
<td>$40,300</td>
<td>$50,500</td>
<td>$59,800</td>
<td>$67,900</td>
<td>$78,800</td>
</tr>
</tbody>
</table>

Source: Bureau of Labor Statistics, Occupational Employment Statistics Survey; Florida Agency for Workforce Innovation
National, State, and County Trends

Employment trend information for dental hygienists is included in Table 8 and provided by country and state. A significant average annual increase (32% - 36%) in employment for the profession over the next 3 - 7 years for the country and state is shown.

Table 8
State and National Trends

<table>
<thead>
<tr>
<th>United States</th>
<th>Employment</th>
<th>Percent Change</th>
<th>Job Openings ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2008</td>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>Dental hygienists</td>
<td>174,100</td>
<td>237,000</td>
<td>+36%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Florida</th>
<th>Employment</th>
<th>Percent Change</th>
<th>Job Openings ¹</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2008</td>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>Dental hygienists</td>
<td>9,030</td>
<td>11,890</td>
<td>+32%</td>
</tr>
</tbody>
</table>

¹Job Openings refers to the average annual job openings due to growth and net replacement.


Major Employers

Graduates of SPC's Dental Hygiene program are employed in various areas of the dental field. The primary local employers of these graduates are All Smiles Tampa Bay; Bright and Now Dental and Big Bend Dental; Dental Excellence at FishHawk; Dr. Amy MacGregor, DMD; Dr. Anderson; Dr. Bracy; Dr. Glen Srayder, DDS; Dr. Joel Goldberg / Dr. Aleksander Precoj; Dr. John Eifert; Dr. John Gonzales, DDS; Dr. Kimberly Chapman and SoftCare Dental; Dr. Masoud Goodarzi, DMD, PA; Dr. Michael Grant, DDS; Dr. N. Horton, DDS; Dr. Paul Mevoli, DMD; Dr. Richard DeMarsh, DDS, PA; Dr. Stephen Kobernick; Egleston Family Dental; Exceptional Dental; Friendly Smiles Dental Care; Great Expressions / Dental Health Group; Great Expressions Dental; Highlands Dental; Ligon & Ligon, DDS, PA; Michael Crovatt, DMD; Mid-County Dental Association; Palm Lake Dental Group and Janice Brand, DDS; Richard Cullinan, DMD; and US Air Force, as depicted in Table 9.
Table 9
Major Employers

<table>
<thead>
<tr>
<th>Employers of Dental Hygiene Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Smiles Tampa Bay</td>
</tr>
<tr>
<td>Bright and Now Dental and Big Bend Dental</td>
</tr>
<tr>
<td>Dental Excellence at FishHawk</td>
</tr>
<tr>
<td>Dr. Amy MacGregor, DMD</td>
</tr>
<tr>
<td>Dr. Anderson</td>
</tr>
<tr>
<td>Dr. Bracy</td>
</tr>
<tr>
<td>Dr. Glen Srayder, DDS</td>
</tr>
<tr>
<td>Dr. Joel Goldberg / Dr. Aleksander Precoj</td>
</tr>
<tr>
<td>Dr. John Eifert</td>
</tr>
<tr>
<td>Dr. John Gonzales, DDS</td>
</tr>
<tr>
<td>Dr. Kimberly Chapman and SoftCare Dental</td>
</tr>
<tr>
<td>Dr. Masoud Goodarzi, DMD, PA</td>
</tr>
<tr>
<td>Dr. Michael Grant, DDS</td>
</tr>
<tr>
<td>Dr. N. Horton, DDS</td>
</tr>
<tr>
<td>Dr. Paul Mevoli, DMD</td>
</tr>
<tr>
<td>Dr. Richard DeMarsh, DDS, PA</td>
</tr>
<tr>
<td>Dr. Stephen Kobernick</td>
</tr>
<tr>
<td>Egleston Family Dental</td>
</tr>
<tr>
<td>Exceptional Dental</td>
</tr>
<tr>
<td>Friendly Smiles Dental Care</td>
</tr>
<tr>
<td>Great Expressions / Dental Health Group</td>
</tr>
<tr>
<td>Great Expressions Dental</td>
</tr>
<tr>
<td>Highlands Dental</td>
</tr>
<tr>
<td>Ligon &amp; Ligon, DDS, PA</td>
</tr>
<tr>
<td>Michael Crovatt, DMD</td>
</tr>
</tbody>
</table>
## Employers of Dental Hygiene Graduates

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mid-County Dental Association</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Palm Lake Dental Group and Janice Brand, DDS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Richard Cullinan, DMD</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>US Air Force</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: 2008-09 Alumni Survey, and Program Administrator input
Total Placement

Total Placement is the percentage of students who have an acceptable placement after graduation. Acceptable placement includes students who are enlisted in the military, continuing their education, and/or employed in their field within the first year of graduation. Only students with A.S. and A.A.S degrees are used in the calculation. The Total Placement in the Dental Hygiene program from 2005-06 through 2007-08 has remained consistent at 94% or higher as shown by Figure 11.

Figure 11: Total Placement

Source: 2010-11 SPC Factbook, Table 38
State Graduates Outcomes

To provide reference information for the employment trend data, program graduate state outcome data is provided for all academic programs included within Dental Hygiene. Dental Hygiene program graduate state outcome data is provided in Table 10.

Two hundred and seventy-eight students completed a state Dental Hygiene program in 2008-09, of those two hundred and fifteen had some matching state data and were employed. Eighty percent (80%) of those state graduates were employed at least a full quarter. The placement rate (85%) for SPC graduates was slightly lower than the overall placement rate (90%), as depicted in Table 10.

Table 10
Dental Hygiene Program Graduates 2008-09 Outcomes by Florida Community College

<table>
<thead>
<tr>
<th>Florida Community College</th>
<th>Total Completers</th>
<th># Found Employed</th>
<th># Employed for a Full Qtr</th>
<th>% Employed For a Full Qtr</th>
<th>FETPIP Pool</th>
<th># Training Related (Employed, Education, or Military)</th>
<th>Placement Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pasco-Hernando</td>
<td>10</td>
<td>6</td>
<td>4</td>
<td>67%</td>
<td>5</td>
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<td><strong>Total</strong></td>
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<td><strong>221</strong></td>
<td><strong>199</strong></td>
<td><strong>90%</strong></td>
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Source: Florida Education and Training Placement Information Program (FETPIP), Community College Vocational Reports (http://www.fldoe.org/fetpip/pdf/0809pdf/fcs0809asc.pdf)
Program Administrator’s Perspective: Issues, Trends, and Recent Successes

Actual course enrollment and graduation rates for the Dental Hygiene (DH) program remained consistent during 2009-10, and are well above the standards for St. Petersburg College.

The course enrollment in the DH program is very specific, as it is based on sequential scheduling. Thus, courses are only offered once a year. In the fall semester, many sections of a clinical course taken by both freshmen and sophomore students, are offered. The spring semester is the most challenging semester for freshmen students, as they are enrolled in six courses including one lab course. The summer semester is traditionally the lightest for course work. The drop in the number of graduates during 2008-09 was due to a reporting issue, thus several of those graduates were reported during 2009-10.

The SSI surveys indicate an overall satisfaction for the instruction received. The SSI survey scores were well above the average threshold for SPC for faculty engagement, preparation and organization, and course instruction. As students progress through the program, and reach clinical competency and graduation benchmarks, they are well qualified for the profession of dental hygiene. This is reflected by both their graduate and employer surveys. Graduate student surveys indicate that over 87% would recommend SPC’s DH program.

- **Enrollment:** Program enrollment for May 2009 was reduced by 20%, and supported by the Advisory Committee due to employment statistics and the job market. The program continues to have many more applicants who meet the minimum requirements for entry, than can be accepted. The Air Force partnership remains in place, and each year it adds six students who meet the minimum requirements for admission to the program.

- **Program Graduates and Accreditation:** The vast majority of the students in the program succeed in the courses within the curriculum. The National Dental Hygiene Board Exam scores were consistently above the national mean. The program graduates very competent dental hygienists who perform well on national and
state board examinations. The next accreditation site visit is scheduled for November 29th and 30th in 2012.

- **Faculty:** The DH program has dedicated faculty who work diligently with the students, patients in the clinic, within the community, and through the professional association to promote the profession, mentor students and support the community. All faculty attend calibration meetings, and teaching methodology sessions to maintain and improve the consistency within the programs’ multiple clinical and didactic courses.

- **Retention:** The DH program staff works hard to foster student success in the classroom and clinical environment. A professional tutor (adjunct registered dental hygienist), works with struggling students who are referred, or request support. This tutoring is done by early referral intervention, remedial support, and utilization of resources through the New Initiative Program (NIP).

- **Needs:** The action plan identifies two needs. One is to develop an effective tracking mechanism after graduation, to monitor the economic climate and the market saturation caused by additional schools of dental hygiene in Florida. The second is to establish a replacement policy for aging clinical equipment.
Program Action Plan

Program: Dental Hygiene

Date Completed: April 2011

Prepared By: Tami Grzesikowski and Joan Tonner

I. Action Plan Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Measure Addressed (Value)</th>
<th>Completion Date</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop a more accurate mechanism for tracking employment after graduation and licensure so we can get a valid picture of the local market. This is critical to monitor since the economy has negatively impacted the market for dental hygiene as well as five new schools in development in the state of Florida.</td>
<td>Placement</td>
<td>October 2011</td>
<td>Tami Grzesikowski, Joan Tonner</td>
</tr>
<tr>
<td>Conduct an overall needs assessment for dental hygiene program which includes assessment of equipment, facility and curriculum in preparation for site visit in 2012.</td>
<td>Technical Attainment</td>
<td>October 2011</td>
<td>Tami Grzesikowski, Joan Tonner</td>
</tr>
</tbody>
</table>
II. Special Resources Needed:

1. OPS assistance is necessary for graduate and alumni tracking. A website or similar mechanism will be developed to continuously track success and employment status of graduates.

2. A replacement policy is necessary for replacing six (6) dental units annually. Each unit will have computer software and hardware for electronic management of records and images.

III. Area(s) of Concern/Improvement:

- Presently, the Dental Hygiene program does not have a formal (budgeted) plan for chair replacement, or support for obtaining graduate placement data.
- The program is in the process of partnering with the department of Academic Effectiveness for the purpose of improving the data collection process, and the response rates for Dental Hygiene’s graduate surveys.
President’s Cabinet Review

Summary of observations, recommendations, and decisions:
References

Contact Information

*Please address any questions or comments regarding this evaluation to:*

Jesse Coraggio, Ph.D.
Director, Academic Effectiveness and Assessment
St. Petersburg College, P.O. Box 13489, St. Petersburg, FL 33733
(727) 341-3084 coraggio.jesse@spcollege.edu
Appendix A: Program Overview, 2011

DEPARTMENT OF ACADEMIC EFFECTIVENESS AND ASSESSMENT

DENTAL HYGIENE
ASSOCIATE IN SCIENCE DEGREE
(DENHY-AS)

http://www.spcollege.edu/program/DENHY-AS
Joan Tonner Program Director HEC (727) 341-3671
(Fully transferable to Dental Hygiene or Health Services Administration BAS programs at SPC)

PROGRAM BEGINS EVERY MAY

Before entering the first term of the Dental Hygiene “program courses” students must complete a minimum of 12 credits from the general education and/or support courses listed below. General education and support courses do not have to be taken in the order listed. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

PRE-ENTRY REQUIREMENT (4 credits) – Grade of C or higher required

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>BSC 2085</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>3</td>
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<tr>
<td>BSC 2085L</td>
<td>Human Anatomy &amp; Physiology Laboratory I</td>
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GENERAL EDUCATION COURSES (18 credits)

Enhanced World View Requirement *

<table>
<thead>
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<tr>
<td>ENC 110</td>
<td>Composition I or (Honors)</td>
<td>3</td>
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<tr>
<td>SPC 1017</td>
<td>Introduction to Speech Communication OR (SPC 1017H, 1065, 1608 or 1608H)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts Approved Course *</td>
<td>3</td>
<td></td>
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<tr>
<td>Mathematics</td>
<td>One college-level course with a MAC, MAP, MAS, MGF, MTG or STA prefix</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1012</td>
<td>General Psychology or (Honors)</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2035</td>
<td>Health Care Ethics Applied OR (PHI 1600, 1602H, 1631 or 2649)</td>
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</table>

Computer/Information Literacy Competency Requirement

*Visit www.spcollege.edu/program/GENR-AS for details

SUPPORT COURSES (6 credits)

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<td>Human Anatomy &amp; Physiology II</td>
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<td>MCB 210</td>
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PROGRAM COURSES

1st SUMMER TERM (6 credits)

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<td>DES 1020</td>
<td>Orofacial Anatomy</td>
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<td>DES 1020L</td>
<td>Orofacial Anatomy Laboratory</td>
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<tr>
<td>DES 1601</td>
<td>Emergencies in Dental Hygiene</td>
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1st FALL TERM (12 credits)

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<td>Dental Hygiene I Clinic</td>
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<td>DEH 1130</td>
<td>Oral Histology and Embryology</td>
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<td>DES 1200</td>
<td>Dental Radiography</td>
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<td>DES 1200L</td>
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<tr>
<td>DEH 1720</td>
<td>Preventive Dentistry</td>
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1st SPRING TERM (13 credits)

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<td>DEH 1800L</td>
<td>Dental Hygiene II Clinic</td>
<td>4</td>
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<td>DES 2100</td>
<td>Dental Materials</td>
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<tr>
<td>DES 2100L</td>
<td>Dental Materials Lab</td>
<td>1</td>
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<tr>
<td>DEH 2602</td>
<td>Periodontics I</td>
<td>2</td>
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### Appendix A: Program Overview, 2011 con’t

#### 2ND SUMMER TERM (5 credits)
- DEH 2300 Dental Pharmacology  2
- DEH 2802L Dental Hygiene II Clinic  3

#### 2ND FALL TERM (10 credits)
- DEH 2460 General and Oral Pathology  2
- DEH 2701 Community Dental Health  2
- DEH 2802 Dental Hygiene III  2
- DEH 2804L Dental Hygiene IV Clinic  4

#### 2ND SPRING TERM (12 credits)
- DEH 2702C Community Dental Health Practicum  1
- DEH 2808L Dental Hygiene V Clinic  5
- DEH 2812 Dental Hygiene IV  2
- DEH 2930 Dental Hygiene Topics (a review course)  2
- DEH 2804 Periodontics II  2

**TOTAL PROGRAM HOURS** 88
Appendix B: Advisory Board Committee Minutes and Recommendations, 2010-11

College of Health Sciences School of Dental Hygiene
Advisory Committee Meeting Minutes
November 8, 2010

- Welcome & Introductions: Joan Tonner called the meeting to order at 6:00 PM and introduced herself and asked for introductions of each member. Chair Shelley Bergholcs agreed to continue as Chair for the committee.

- Members present: Joan Tonner, Shelley Bergholcs, Dr. Steven Bloom, Dr. Stephen Kobernick, Dr. Gregory Langston, Tony McLeskey, Dr. Chris Wujick, Mendee Ligon, Denise Nielsen, Rachel Sabo, Barbara Thomas.

- Faculty/Administration present: Dean Tami Grzeskowsk, Valerie Carter, Sandi Marciel, Linda Johnson, Dr. Jerry Reynolds, Jeanette Siladie, Dr. Katie Woods. Gary Graham from SPC, Academic Student Services

Program Activities:

- Enrollment Updates
  AS: currently 69 students enrolled / 105 applied for May 2011 with the application deadline of October 1st.
  BAS: 121 currently enrolled. August enrollment only 48 students. Counselors feel it is economy and lack of money to fund advanced degree.

- AS DH Questions for Committee:
  1. Consensus from members that manual tanks are not in the community any longer.
  2. Dr. Wujick to assist Sandi in contacting Knight Lab in Oldsmar for Dental Materials Lab students observation for her course.
  3. What is used in community dental practices:
     o AT 2000 used predominately in private practices.
     o Most private offices are going digital but not paperless due to software and personnel turnover.
     o No one is doing PSR as a screening tool in private practice.
     o Seven series of X rays not routinely being done.
     o R & L ultrasonic inserts in private practice not being used.
  4. Perkins funding wish list- see recommendations below.

- Colgate Study- Tami reported that the grant has now been approved and will be implemented in January. The study is designed to measure the effect of Total tooth paste on patients with gingivitis. A BASDH student will be doing capstone project on the study while AS students will be gathering the data in clinic. SPC will receive $20,000 grant and each patient will receive a $25 gift card for compliance.
Appendix B: Advisory Board Committee Minutes and Recommendations, 2010-11, con’t

- Local Anesthesia: Committee is in support of SP placing in curriculum.
  - Committee suggested checking with UF regarding if they have developed continuing education for local anesthesia for dental hygienists. The Committee anticipate a waiting list for those that want to participate.
  - Joan to contact UF CE as legislative process moves forward.

- Coverage for Dr. Reynolds and/or Dr. Lepeak- If needed, Joan will investigate the role further with HR in order for Dr. Reynolds to mentor another doctor.
  - Mendee Ligon has expressed interest in offering assistance

- President Law’s - 7/24 Initiatives – see link below to read 7 major focuses with 24 projects.
  http://publicsafety.spcollege.edu/learningplan/SPC-7-24-initiatives/Shared%20Documents/90-day%20report%20final1-5a.pdf
  Discussed in September President Law presented his plan that listed 7 major focuses of the college. One is guaranteed scheduling for students to plan forward. The other is critical thinking being infused into didactic courses. Valeri discussed how the college committee she is on is developing modules for courses. Chris Patel will have one in one of her Dental Hygiene courses.

- Claudia Beard Memorial Fund- update approximately $1200.00 balance

Community Activities

- Oral Cancer Walk- Fort Desoto Park November 6, 2010- Katie reported that several SPC DH faculty along with current and former students participated for a total of 190 runners/walkers. Pre-registration collected: $3545
  - Same day registration collected: $270
  - Sponsors collected: $4895
  - Total= $8710.00

- Give Kids A Smile: SPC site will be Friday Feb 11, 2011 –Tami and Amy Krueger are organizing at SPC.

Job Placement and Labor Market Review:

1. SPC continues to maintain our class size of 30 plus 6 military for the 2011 enrollment
2. Employer and Graduate surveys went out in October 2010 for graduating class of 2009. Two responded- eight returned no forwarding address
3. Work Force issues upon graduation still a concern
Appendix B: Advisory Board Committee Minutes and Recommendations, 2010-11, con’t

**FADE Report** - Meeting was October 29 and 30th at Pasco-Hernando Community College.
Katie reported:
- Teaching methodology course taken by several faculty for upcoming accreditation.
- Discussion regarding proprietary programs in DH section. One planned in Tampa is off the books, possibly one in Sarasota.
- Items discussed with FADE members:
  - From FDA “ART”- Atraumatic restorative techniques: new tasks for RDH. Based on removing decalcified tooth tissue using only hand instruments and restoring the cavity with an adhesive filling material.
  - Incorporating diversity into the classroom
- Sandi Marcil elected Secretary of the DH section of FADE
- Joan Tonner is on the Local Anesthesia Task Force
- Katie Woods is on the Bylaws Review Committee.

**Recommendations of Committee:**
- Joan to contact FADE membership to see if they continue to teach manual developing with actual tanks.
- Sandi to investigate a DVD or video a demonstration for students to view.
- To request donation of equipment being removed from offices as they go digital
- Consider contacting EquipmentLiquidators.com in Hudson – Dr. Ligon knows the contact person
- Develop HIPAA consent sign off form in order to transmit DH clinic’s patient’s digital radiographs to private practice offices. Develop statement for email footer as well.
- Perkins Funding money: water filters for clinic first, laptops for students online testing purposes with two secure carts
  - Consider checking the price on Dexis Digital sensor
  - Consider less expensive Intra Oral Camera with same quality

Meeting adjourned at 7:30 PM.
Appendix C: Advisory Board Committee Minutes and Recommendations, 2009-10

College of Health Sciences
School of Dental Hygiene
Advisory Committee Meeting Minutes
June 7th 2010

- Welcome, Introductions and Chair Shelley Bergholcs called the meeting to order at 6 pm.
- Members present: Shelley Bergholcs, Dr. Steven Bloom, Michele Furu, Dr. Stephen Kobernick, Dr. Gregory Langston, Tony McLeon, Dr. John Thee, Dr. Chris Wujick, Faith Van, Maryellen Tilly, Tasha McBride.
- Faculty present: Dean Tami Grzesikowski, Valerie Carter, Sandi Marcil, Chris Patel, Dr. Jerry Reynolds, Jeanette Siladie, Dr. Katie Woods.
  Gary Graham from SPC, Academic Student Services

- Program Activities were reviewed by Tami Grzesikowski which included:
  - Enrollment updates for AS and BAS programs: AS currently has almost 70 students with a new class of students that began classes on May 17th. Discussion of the high number of alternates that were accepted due to increased number of selected students that opted out of program. Main concern is financial impact of program and returning to school full time during these grim economic times. BAS program currently has about 80 students enrolled and finishing the program this summer. This number is very low compared to years past.
  - Marketing discussion for BAS program included post card mailing, ads in RDH, mass email, Michele Furu took postcard to FNDC meeting and the college will have a booth at FDHA. Suggested posting something on Facebook and continue with mass emails and postcards because they have generated a very positive response. Also suggested having a booth at RDH under One Roof since the national meeting is in August in Orlando.
  - Board Results from AS program shared. Overall 100% pass rate with SPC average of 85.2% which is much higher than the national average of 81.8%. Tami commended the hard work of the dental hygiene faculty who work closely with the students to get these exceptional results.
  - New equipment purchases: stools and digital sensors were discussed. We were fortunate to obtain some last minute Perkins Funding to get this equipment. The operator stools were less than $300 a piece but very much needed as the some of our stools were broken and a safety hazard. Committee approved all these items.
  - Distributed the revised BASDH goals and mapping. Jeanette Siladie explained the revisions to the committee, discussion followed and new goals and mapping approved.
  - BASDH end of program survey was reviewed for the committee by Jeanette Siladie.
Appendix C: Advisory Board Committee Minutes and Recommendations, 2009-10, con’t

- Community Activities
  - Oral Cancer Walk on November 6th, 2010 was discussed by Katie Woods. We are working in conjunction with the Pinellas County Dental Hygiene Association (PCDHA) on the event. Additional information is available from the PCDHA website: http://www.pcdha.org/
  - Give Kids a Smile event went well with a great turn out of providers and students this year at SPC. Tami shared concerns with the organizer this year concerning late patient scheduling, no buses, and poor supplies. We will attend initial organizing meetings this upcoming year before we decide to commit to event.
  - Back to School Care Fair Katie reported that the St. Petersburg Junior League Care Fair is August 7th that is supported by the PCDHA. Students will be doing patient education for the children and the members of the community.

- Job placement and Labor Market Review
  - Data was provided to committee on national and statewide trends. Discussion followed.
  - Local feedback provided which included discussion of proprietary schools opening soon in the Tampa Bay area. The local dentists are concerned with the quality of graduates from the Dental Assisting programs and voiced concern that we need to keep all of community and legislature informed that we do NOT need more dental hygiene programs in the area. In addition, Tami reminded the committee that we reduced our Class size 2 years ago by 20% since the job market was so saturated.
  - Employer and Graduate surveys will be sent out in August 2010 to the graduates from May 2009.

- Evaluation of Advisory Committee activities was completed at the close of the meeting and turned into Gary Graham.

- Recommendations from Committee:
  - Shelley B announced a Scholarship for SPC AS students from the Hillsborough County DH Association.
  - Tami announced some administration changes in the Department. Christine Patel is the Clinic Coordinator this summer. Dr. Katie Woods is the Instructor in Charge for the summer.
  - A full time program director position was announced by SPC administration Friday, June 18th, 2010. We will do a national search and hope to have someone in place by August 1.
  - Our former faculty (Claudia Beard) lost her battle with cancer on June 11th. We set up a Claudia Beard Memorial Fund through the SPC Foundation as she served as an incredible clinic coordinator, faculty, advisor, mentor and friend to all.
Appendix C: Advisory Board Committee Minutes and Recommendations, 2009-10, con’t

College of Health Sciences
School of Dental Hygiene
Advisory Committee Meeting Minutes
November 9, 2009

Members in attendance:

Ms. Shelly Bergholcs RDH, Dr. Steven Bloom, Ms. Michele Furu RDH, Dr. Stephen Kobernick, Dr. Gregory Langston, Ms. Tony McLeary RDH, Dr. John Thee, Ms. Maryellen Tilly RDH. Ms. Tasha McBride DH student, Ms. Faith Van RDH, Dr. Chris Wujick.

From SPC:

I. Welcome and Introductions: the Committee agreed to have Tami conduct the meeting. Meeting was called to order at 7 pm.

II. Program Activities
   a. Current enrollment was discussed
      i. AS program currently has 70 students enrolled. We accepted 6 less students this past May.
      ii. BAS program: currently has 142 students enrolled. Our January class coming in is very low. Discussion of economic impact of practicing dental hygienists.
      iii. Observation hours required as part of the application for admission was discussed. All dentists present offered their office to be listed for students needing a place to observe. Dr. Wujick will also ask for some additional names from the TBAGD.
      iv. Reviewed essential function document and committee recommended the change to include performing motor functions in a reasonable period of time. Students who could not perform such skills would not be successful practitioners. Greg McLeod reported on the college’s new application process that his office is working on.

b. Follow-up regarding fees: Tami confirmed that all new fees are in place. Thanked the committee for their support and perseverance on that issue!

c. Clinical Rotation update: since we have accepted 20% less students and our budget now includes these fee collections, students will need to spend more time in the SPC clinic. We anticipate this being very well
Appendix C: Advisory Board Committee Minutes and Recommendations, 2009-10, con’t

received from the community, as they often have a difficult time getting appointments in the clinic. Our extramural rotations often request our services more than we can provide. The committee supported our decision to continue to provide the majority of students’ basic clinical education in the SPC clinic.

d. Marketing for BAS program: a lot of positive discussion on recruitment and marketing. Valerie Carter reported on the FDHA meeting. Suggestions for marketing the program included adding links to: PCDA website, PCDHA website, FDHA website, DH schools in Florida’s websites. Tami will follow up on those ideas.

e. Florida Allied Dental Educators annual meeting: Katie reported on the activities of the recent meeting that was hosted by SPC. Turn out was very high and likely due to so many issues facing DH educators in Florida. Discussion of potential private schools opening in Florida and how that will affect the potential job market for new graduates.

f. Colgate Study: SPC was approved to participate in a study on role of Total toothpaste in helping control plaque and gingivitis. This study will involve both 2 year and 4 year dental hygiene students and SPC will be awarded a $20,000 grant for participation in the grant!

III. Community Activities:

a. Give Kids A Smile: we are working with Dr. Laymen on the event for this year. Our site will be used on February 12th which is the countywide screening date.

b. The DH programs have been very involved in community activities and seem to be very service oriented. Other activities including Oral Cancer walk they are planning. We participated in a Breast Cancer Walk that earned our team nearly $3,000 and a can food drive.

IV. Recommendations from Committee included the information stated above regarding BAS recruitment and AS Essential Functions information.

V. Equipment:

a. Lab renovations are completed and the committee toured the new lab.

VI. Next Meeting: May 2010. Shelly Bergholcs volunteered to be the Chairperson for this committee.

Meeting adjourned at 8 pm.
Appendix D: Advisory Board Committee Minutes and Recommendations, 2008-09

College of Health Sciences
School of Dental Hygiene
Advisory Committee Meeting Minutes
June 2nd, 2009

Advisory Committee Members Present:
Shelly Bergholts, RDH, BASDH
Renee Bush RDH, BASDH
Nathan Davis, RDH
Michele Furu RDH
Dr. Greg Langston
Debi Thackrey RDH, BASDH
Barbara Thomas CDA
Dr. Chris Wujick

SPC Faculty and Administration present:
Amy Brush, Outreach Coordinator
Dr. Phil Nicotera, Provost
Tami Grzesikowski, Dean
Katherine Woods, instructor in charge: AS program
Linda Johnson: AS program faculty
Sandi Marcil: AS program faculty
Dr. Jerry Reynolds: BS program faculty
Jeanette Siladie BAS program faculty
Valerie Carter: BAS program faculty

I. Tami called the meeting to order at 7 pm and acted as Chair by consensus of the committee since Dr. Kobernick was not present.

II. Program Activities report included the following:

a. Program's reorganization: College of Health Sciences now includes the School of Dental Hygiene (AS program and BAS program) as well as two other programs Health Services Administration (HAS) and Orthotics and Prosthetics (O&P). Tami oversees all of these programs. The HAS program is a large program with about 200 students currently enrolled. O and P is a small program that is quite similar to DH; AS in that it is a pre-licensure program with about 20 students in each class.

b. Current enrollment in the School of Dental Hygiene:
   i. AS program: 36 completed program in May
      1. 36 new students in both first year and second year classes that began summer session on May 18th.
   ii. BAS program: 39 graduated in May. We have about 130 current students in the program. The program is doing very well. Discussion of our decreased enrollment issues with the program. The committee applauded our efforts as we are indeed so large compared to other programs nationally.

c. Board Results: 100% of our students passed the National Boards and most subject areas were at or near the National average. The Joint Commission on National Board Examinations will continue providing scores until 2012 at which time they will go to a pass/fail. Next year exams will be administered only via computer.
Appendix D: Advisory Board Committee Minutes and Recommendations, 2008-09, con’t

d. Follow-up regarding clinic and lab fees: Increases were approved and will be implemented beginning with Fall 2009 session. Tami presented members with a breakdown of lab fee increases and how it could affect the two year program’s budget.

New Clinic Fee: $30 prophyl $15 radiographs. The plan is for these funds to now be returned to the department. We will use for program support and to support the salary of our clinic coordinator which is currently, Claudia Beard. The committee recommended that the funds collected be returned to the program for use as needed.

Tami thanked the committee for the recommendations as it was their continued support and recommendations that got the attention of the Administration and finally allowed the fee increases.

e. Study models, impressions and various expanded functions were discussed by Sandi Marcil. All present agreed that Dental Hygienists do not typical perform these duties in an office setting that dental assistants do. The committee recommended that we do not require the students to do a lot of impressions and models.

III. Job Placement and Labor Market Review: Tami provided this new link and also discussion followed about local job market. All present indicated that they do not know of or hear of jobs for dental hygienists available. The job market remains poor. Ms. Bush suggested that it actually might be worse in Hillsborough County. There have been many lay offs, offices that now have two hygienists sharing one position rather than two, etc. This could also be impacting the BAS enrollment.


IV. Community Activities:

a. OKAS: Successful event this year; we worked with Dr. Bonham and PCDHA and PCDA. We had a great event here. We enjoyed the collaborative effort between the two professional organizations as well as the combined efforts of our two and four year students and faculty. We treated about 100 children on our site.

b. Head Start and fluoride varnish program initiated and coordinated by Maryellen Tilly saw over 1000 children and won a national award from Colgate and the ADHA. The award will be presented at the ADHA Annual Session in Washington, DC later this month. The Head Start Fluoride Varnish Program is seen as a model that may be used on a state-wide basis in the future. Maryellen worked in conjunction with volunteers from SPC faculty and the Pinellas County Dental Hygiene Association. Initial funding was provided by the Florida Foundation for Dental Hygiene.

c. Other activities: Pinellas County Public Schools, ATTAC program, Head Start, Great American Teach In. The students have just really enjoyed the community activities this year.

d. UF: Tami reported on the Summit of April 2009 which was very successful. A panel of faculty spoke including: Chris Patel, Sandi Marcil, Barbara Hammaker, and Tami Grzesiakowski. We will schedule another one for April 2010 which will be two days and include a panel again as well as a full day of updates with ultrasonic therapy.

e. SPC School of Dental Hygiene is hosting the Florida Allied Dental Educators’ annual meeting on November 6th-7th at the St. Petersburg
Appendix D: Advisory Board Committee Minutes and Recommendations, 2008-09, con’t

Hilton. All faculty members are encouraged to join FADE and attend the educational seminars. Rooms will be available at the Hilton at a discount.

V Equipment:
   a. Tami commended the committee for their great response this summer. Steve Bloom actually got us a donated processor. We also obtained water filters, manikins for radiographs, an ultrasonic unit, handpieces, and sterilates. Many times grant money becomes available and whom ever gets the information in and has Advisory Support first gets the funding! We were first this year and we are very appreciative of the quick turn around.
   
   b. Donations: Dental chairs from Dr. Liko (Dr. Lepeak and Sandi Marcil worked on that) were obtained and set up in our radiology rooms.
   
   c. Lab renovations: The dental hygiene lab and room 117 will be completely renovated this summer with new ceiling, flooring, lab tables, model trimmers, etc. It is anticipated that the renovations will be completed in time for the fall semester.

VI Recommendations from Committee: there were no additional recommendations.

VII. Tami distributed SPC’s advisory committee evaluation form if members present wanted to complete at the meeting. Most completed the form and submitted to Amy Brush.

VII. Next Meeting date will be in October 2009.
Appendix D: Advisory Board Committee Minutes and Recommendations, 2008-09, con’t

School of Dental Hygiene
Advisory Committee Meeting Minutes
October 16, 2008

Members Present:
Shelly Bergholz, RDH
Dr. John Thee
Dr. Steven Kobernick
Renee Bush, RDH
Dr. Gregory Langton
Mr. Nathan Davis, DH Student
Dr. Chris Wujick
Dr. Leslie Brown

SPC Personnel Present:
Tami Grzesikowski, Dean
Linda Johnson, Faculty
Katherine Woods, Faculty
Jeanette Siladie, Faculty
Dr. Phil Nicotera, Provost
Sandi Marcil, Faculty
Michelle Follona, Faculty
Christine Patel, Faculty
Valerie Carter, Faculty

I. Welcome: Each member introduced themselves to committee. Dr. Steven Kobernick was elected as Chair of Committee and agreed to have Tami manage the meeting and agenda. She distributed minutes from previous meeting since we have so many new members. Dr. Phil Nicotera visited the meeting and introduced himself to the committee as the new Provost.

II. Program Activities: Tami updated
a. Current enrollment
   i. AS program: 76 students (40 first year, 36 second year)
   ii. BAS programs: Dental Hygiene 141 students in classes right now. 55 finished Upper division and working on general education coursework.
      Jen Siladie won an award: 2008 a Learning Distinguished Educator (outstanding service and strong commitment to excellence) Two people in the entire college.
      The demographics of the students are changing. The class that entered in August of 2008 was less than 20% SPC graduates.
   iii. HHHS is now Health Service Administration program and now has its own advisory committee since the needs of that program are so different than Dental Hygiene (120 students currently accepted to that program)

b. Clinic Fees: no increases approved by SPC administration. Will resubmit if funding requires such. Currently, we think patient fees will start coming back to us. Testing that first. The recommendation from the committee was to raise the clinic fee slightly as well as the Lab fee slightly.

c. National Board changes. The exam going to computer exam have to work out the details of when and make time available.

d. State Board: Council on DH reviewing the pass rates and exam. Recommended a test analysis, change the examination team to include 2 RDH’s and one DDS or move to a regional exam. Discussion of purpose of examination in a competency based curriculum followed.
Appendix D: Advisory Board Committee Minutes and Recommendations, 2008-09, con’t

III. Job Placement and Labor Market Review:

http://www.bls.gov/oco/ocos097.htm

a. Telephone survey:
   Question: Are you employed as a RDH and are you working the numbers of days you want to work? Results:
   Of the students we reached:
   - 100% Air Force are working FT
   - 40% found employment that met their needs (ALL reside outside of Pinellas County)
   - 60% have none, one + days or doing temp work

b. Graduate/Employer surveys underway from class of 2007

c. Admissions to program and clinical sites: we are considering accepting less students in May since the pool is smaller, sites are limited, and job placement is poor. The Committee recommended that we reduce class size for the class we accept in 2009 and continue to monitor the situation. Tami assured them that with the ratios in clinic between 5-6 that the class size would be reduced by no more than 6 students.

IV. Community Activities:

a. GKAS: New leadership; Drs. Bonham. Feb 6th, 20, 21st. SPC will participate on the 6th.

b. Dental Hygiene Week: Michelle coordinated. We planned for different activities each day including one on healthy eating, one on carries risk and plaque; self exam for oral cancer screening last two days left literature promoting all aspects of our profession.

c. Susan B Komen Breast Cancer walk: Nate coordinated and we collected about $1500 for breast cancer

d. Summit for University of Florida is scheduled for Spring.

V. New Equipment Requests and Purchases: do not anticipate any Capital expenditures this year. Camera and digital finally working well.
Transmission of radiographs digitally was discussed. Most present said some dentists still prefer hard copies and other just like them emailed. Discussion of the difficulty in transmission because of the compatibility of software between one office to another office.

VI. Recommendations from Committee: end of year survey results. Thanks for the feedback

VI. Linda Johnson surveyed the members for a recommendation regarding the detection of caries. Some office use diagnostix and most still use an explorer. We will continue using the explorer for detection of caries and try to purchase a diagnostix

VII. Meeting was adjourned at 8 pm.
Appendix E: Advisory Board Committee Minutes and Recommendations, 2007-08

ST. PETERSBURG COLLEGE
SCHOOL OF DENTAL HYGIENE ADVISORY COMMITTEE
MINUTES
May 19, 2008

Members Present:
Dr. Steven Bloom  Mr. Aaron Gause  Ms. Barbara Thomas, CDA
Susan Burnett  Dr. Steve Kobernick
Renee Bush, RDH  Dr. Gordon Krueger
Floyd Butz, RDH  Dr. John Thoe

Additional Attendees:
Ms. Tami Grzesikowski, Dean  Ms. Christine Patel, Faculty
Ms. Valerie Carter, Faculty  Dr. Jerry Reynolds, Faculty
Ms. Linda Johnson, Faculty  Ms. Jeanette Siladie, Faculty
Ms. Sandi Marcell, Faculty  Ms. Katherine Woods, Faculty

I. Welcome:
Chair was absent so all members present agreed that Tami would conduct the meeting. All present introduced themselves.

II. Program Activities: Committee was updated on current enrollment
A. Current enrollment
   i. AS Program:
      36 second year students
      42 first year students
      Discussed admission criteria, applicant pool, and the new Class’ statistics.
   ii. BAS Program:
       124 actively enrolled in classes
   iii. IHHS program
       Explained the new program and discussed the future tracks. Approximately 50 students currently enrolled.

B. Board Results: were outstanding
   All 35 students passed:
   3 points above the National average
   Above the National average in almost every subject areas

C. Graduation:
   Along with our AS graduates this May we had 28 BASDH students graduate in May and will have about the same number graduate in July. To date a total of 167 students have earned a BASDH since the program began in January 2004.

D. Clinic Fees:
   Per the recommendation of the committee, the Dean worked with the Provost during this year with our software and learned that our clinic fees will not modify our clinic budget, so we will keep them the same. Instead, we will increase the lab fees substantially. This proposal has been submitted to the Provost for approval. The
Appendix E: Advisory Board Committee Minutes and Recommendations, 2007-08, con’t

committee all agreed that in light of the fact that the funds would not be returned to the program, there was no need to increase them.

III. Job Placement and Labor Market Review:
Tami provided the website below for additional information as well as a hard copy of the information from this site.

http://www.bls.gov/oco/ocos097.htm

Clinical Dental Hygiene positions are increasing and the overall market has improved. Committee and faculty agreed.
Tami explained how SPC can continue to assist employers to find dental hygienists through the Commons and posting on our job board. Many people do notify the department. She asked committee if they could let them know to call me when the position is filled!

Discussion of what type of positions the BASDH graduates are being employed in as well.

IV. Community Activities:
A. GKAS: Successful event again this year.
B. Head Start and fluoride varnish:
20 centers and about 1000 children were seen. A collaborative effort between Mary Ellen Tilly (adjunct) and a Capstone student who solicits assistance from the Dental Hygiene Community. This program has already won several awards and the city of Pinellas Park did a proclamation on March 28th to be Oral Health Awareness Day.
C. Summit for University of Florida was a success in February and we will do again in April 2009.
D. Capstone student activities and awards:
3 students nominated into American Association of Public Health Dentistry for their projects.

V. New Equipment Requests and Purchases
Discussion regarding equipment and budgets. The committee and faculty discussed the options of refurbishing the DNXTR manikins versus purchasing a new one. The committee supported the purchase of a new one but hoped there would be funding for both a new one and to refurbish the old natural ones.

VI. Recommendations from Committee: End of Year Survey
All committee members present completed an assessment of their Advisory committee. Susan Burnett thanked the committee for their work and dedication to the program.
All members that did not attend, if you could possibly go to this survey and complete it as soon as possible.

http://it.spcollege.edu/cfsurveys/survey.cfm?su_id=2009

Tami announced the new Interim Provost, Dr. Phil Nicotera who could not be at the meeting due to a schedule conflict.

VII. Next Meeting: Thursday, October 16, 2008.
Dinner is scheduled for 6:00pm. With meeting immediately following at the EPI Center
The address of the EPI Center is: 13805 58th Street North in Largo
Appendix E: Advisory Board Committee Minutes and Recommendations, 2007-08, con’t

School of Dental Hygiene
Advisory Committee Meeting Minutes
October 2, 2007

The College wide advisory committee meeting and dinner began at 6 pm. Dr. Anne Cooper began the meeting with a brief overview of the advisory committee’s role in our programs. President Kurtier addressed the group followed by Susan Demers, from the School of Paralegal. The individual programs then broke out into sessions.

I. Chairperson, Debi Thackrey called the meeting to order at 6:55 pm. The following members were present:

Dr. Steven Bloom    Ms. Renee Bush, RDH    Mr. Floyd Butz, RDH
Mr. Aaron Gause    Ms. Michele Furu, RDH    Ms. Debi Thackrey, RDH
Dr. John Thee
Also in attendance from SPC:
Tami Grzesikowski, Valerie Carter, Linda Johnson, Christine Patel, Dr. Jerry Reynolds, Jeannette Siladie, Katherine Woods and Sandra Wise.

The agenda was approved and the meeting turned over to Tami Grzesikowski.

II. Program Activity updates given
   a. Current enrollment
      i. AS program-37 first year students and 35 second year. Partnership with US Air Force still working out well.
      ii. BAS program: almost 130 students currently enrolled. Program in several states and countries now.
   b. Graduate surveys will be mailed in late October in hopes that most graduates will have positions by then.
   c. Curriculum update: discussion of new Curriculum committee for AS program. Discussion of how to integrate scaling and root planning vs. standard prophys to better prepare students for dental office environment.
   d. GKAS – February 1st, 2008

III. Job placement and Labor Market Review: market not doing well in Pinellas County. Many graduates are still unable to find permanent positions. Discussion followed including that many dentists are finding their schedules less busy so less inclined to hire second dental hygienists.

IV. New Equipment Requests and Purchases: Tami thanked people for great communication and follow up with brand names and ideas for camera. As soon as the budget is released we will be purchasing the camera and water filters for the clinic. Discussion and ideas followed.

V. Recommendations from Committee: there were none

VI. Next Meeting: May/June 08 The meeting adjourned at 7:45 pm.