

Assessment, Improvement, Measurement (AIM) Report: 03/13/2015**Reporting Years:** 2011-2016**Program:** Dental Hygiene**Coordinator(s):** Janella Spencer, Karman Wheeler, Martin Baxter**Program Quality and Student Success****External awards or other recognitions of students, faculty, and/or program.**

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Students	Ashley Nunn was chosen to represent District 5 of ADHA as the student rep to the ADHA national meeting in Nashville, TN.	Student rep (Lorie Hourigan) to District V of ADHA which represents 4 states	For the third year a student (Dana Stoy) from BCTC was chosen over all schools in District V to be the national student rep.	For the 4th year in a row a BCTC student (Amanda Abner) has been chosen to be the ADHA Dist. V student rep to Annual session.	
Faculty		Mary Jones received her MPH degree from EKU and was promoted to Asst. Professor	One of our adjunct, Sharlee Burch received a Doctorate in Education from Liberty University.	Mary Jones was elected as VP of the KY Dental Hygienists' Association	
Program (include accreditation if applicable)	Full accreditation until 2017	Full accreditation until 2017		Full accreditation with no reporting through 2017.	

Average actual time and credits to degree completion.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
General Education Credit Hours	29	29	29	29	
Technical Credit Hours	39	39	39	39	
Total Credit Hours	68	68 plus 2 recommended	68 plus 2 recommended	68	
Number of Graduates	24 Class of 2011	22 Class of 2012	25 class of 2013	22	
Average Actual Time to Degree	3.89 years (2010-11)	4.43 years (2011-12)	4.94 years		
Average Actual Credits to Degree	95.8	96.8	96.6		

Employer and student satisfaction.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Employer Satisfaction Survey Results		100% (7/7)	100% (9/9)	0 responses	
Graduate/student satisfaction		100% (13/13) 2010-11 grads	100% (13/13) 2011-12 grad survey	100% (14/14) 2012-13 grads	

Advisory Board/Employer Recommendations for Improvement	Add full time faculty. Obtain digital panoramic equipment			Our employer survey had several suggestions about expanded duties. I contacted 2 employers who had questions and took their sug	
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Job placement data for program graduates.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Number of graduates	24	16 surveyed (2010-11 grads)	14 surveyed (2011-12 grads)	15 surveyed (2012-13 grads)	
Number of graduates gaining employment	24	16	13 employed; 13 in field	13 employed; 11 in field	
Percentage of graduates gaining employment	100%	100%	93%; 93% in field.	87%; 73% in field	
KY Unemployment Insurance job data			UI=90%+	90% (n=33)	

Pass rates on licensure/certification exams (if applicable).

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Total # graduates attempting	24	22 class of 2012	25 class of 2013	22 (Class of 2014)	
Total # passing on first attempt	24	22	22	22	
Total # passing after multiple attempts			have not gotten results for 1		
Pass rate of all attempting	100%	100%	24/25 so far 96%	100%	

Productivity and Funding

Student measures.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Enrollment (Academic Year)	49	48	52		
Fall Enrollment		47 + 180 pndg (Fall 2011)	50 + 122 pndg (Fall 2012)	45 (Fall 2013)	
Credentials Conferred	24 AD (2010-11)	22 AAS (2011-12)	25 AD (2012-13)	22 AAS (2013-14)	
Credit hour production	1,724 (2010-11)	1,826 (2011-12)	1,736 (2012-13)		

Student credit hour per instructional faculty FTE.

	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Student credit hour per instructional faculty FTE.	533.2 (2010-11)	531.8 (CPE)	578.7 (CPE)		

Extramural funding.

Source of Funding	2011-2012
No funding sources	

Source of Funding	2012-2013
2012 Perkins - computer lab for dental hygiene	\$20,000.00
BGDDHA gift	\$0.00
Dental Hygiene Foundation	\$6,850.00

Source of Funding	2013-2014
2013 Perkins - diode laser, adult and child manikins, curing light	\$32,000.00

Source of Funding	2014-2015
No funding sources	

Source of Funding	2015-2016
No funding sources	

Comments (2012-2013)

Roles	Comments
Coordinator	
1. Strengths of the Program	By June 2012 100% graduates of the Class of 2012 had passed all boards (NDHBE, SRTA) and were licensed by the state of KY. As of May 20, 2013 all graduates had passed the Regional (SRTA) clinical board. Results for National Dental Hygiene Board Exam (NDHBE) won't be in until July or August 2013. Applicant pool remains strong as over 150 interested applicants have attended Pre-Admission Conferences (PAC) so far. Two conferences remain before application deadline of February 15, 2013. Retention rate is excellent as 25/26 students remain in the Class of 2013. 25/26 students graduated in May 2013 for a retention rate of 6.1%. Community service projects of students and faculty include: "Hygienists for Health" Susan G. Komen race team, Give Kids a Smile week for indigent children, Hope Center for Women and volunteering at several dental missions in the area. The Advisory Committee has met and several new members were in attendance. The support from the dental community is strong. The program enjoys an excellent reputation in the state. Areas needing improvement/ Items requiring continued attention: Staffing of clinicals has become a major concern due to the limits on adjunct hours. Several adjuncts are not returning for the Spring 2013 semester. Quality assurance mechanisms required by our accrediting body are impacted. Program planning is in an emergency mode. Clinic funds were cut but extra money

	was allotted later after several requests were made. This makes it hard to plan for an academic year. Full time faculty are understaffed due to unfilled full-time faculty line. Some big ticket items such as a panoramic radiography machine and a dental laser still need to be purchased. Federal Perkins funds have been earmarked for the panoramic and laser equipment. Job placement for the Class of 2013 is sparse and few jobs are being advertised. Future M&O and IT services may be impacted with stretching of employees to cover new campus. On site persons in these 2 areas are important for safety and quality of the clinic. Using the findings from last years board results and retention rates we have reviewed our admission policies and clinic procedures and have made several changes. One change is to request that the Regional licensing exam be given at BCTCS instead of UK. This is more work for our faculty and staff but the students will benefit by taking the exam in a familiar environment. This was a challenging project but was implemented successfully by the faculty and especially the clinic staff.
2. Items Requiring Continued Attention	
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Findings: Using the findings from last years board results and retention rates we have reviewed our admission policies and clinic procedures and have made several changes. One change is to request that the Regional licensing exam be given at BCTCS instead of UK. This is more work for our faculty and staff but the students will benefit by taking the exam in a familiar environment.
Assistant Dean	I have reviewed and agreed with the comments made by the coordinator. The Dental Hygiene program continues to maintain a program of high standards and high qualified graduates.
Dean	Very strong program producing well prepared graduates. Please continue working on job placement.
Vice President	Dental Hygiene is a cornerstone allied health program at BCTC. The faculty are dedicated, the Coordinator provides excellent leadership. The ratio of full-time equivalent students to full-time equivalent faculty remains at a healthy 16.9.

Comments (2013-2014)

Roles	Comments
Coordinator	
1. Strengths of the Program	Applicant pool is strong and retention rate is 25/26 = 96%. SRTA exams (working on patients) were completed by all 25 students before graduation for 100%. The National Board Dental Hygiene Exam (NBDHE) was completed by 22/25 before graduation.* see comments below. Support for the program from the DH Advisory committee, UK College of Dentistry and the dental community is very strong. Our school has a great reputation. Community service of students and faculty remains excellent. "Give Kids a Smile" free clinics and "Hygienists for Health Race for the Cure" team are just 2 examples. Federal Perkins funds provided some much needed new technology for our clinic. Adjunct faculty are very strong and have carried a lot of responsibility for the success of the program.
2. Items Requiring Continued Attention	* I have yet to receive final results from 3 students for the NDHBE. This exam is given by a testing agency at a computer center and there is no national test date. We cannot control when the students sign up to take the test. We continue to request another full time faculty line as we have too many courses being taught by adjunct faculty and the adjunct faculty are not going to do the job of a full time person without benefits forever. When we were accredited in 2010 it was with the understanding that we would replace the previous coordinator when he retired at the end of 2010.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Changes due to last year's findings: BCTC brought the regional clinical exam (SRTA) to our campus for the first time and it was a huge success. We will continue this practice. We used online instrumentation videos to help teach instrumentation and the students were more successful at an earlier date with their instrument check-offs. The DH program incorporated Professional Performance Standards (which includes standards in ethics, professional judgment, and positive class and clinic behaviors) into every didactic and clinical course. This was in response to new accreditation standards and a need we saw in spelling out everything in detail to students. This has been very successful in improving student behaviors in the

	classroom and clinic.
Assistant Dean	I have reviewed and agreed with the comments made by the coordinator. The Dental Hygiene program continues to maintain a program of high standards and high qualified graduates.
Dean	Complete agreement with AD and coordinator. Strong program with healthy enrollment and community support.
Vice President	I agree with Assistant Dean and Dean comments. While this is one of the strongest programs at the college, the college's fiscal realities will necessitate that the program be as effective and efficient as possible.

Comments (2014-2015)

Roles	Comments
Coordinator	
1. Strengths of the Program	Applicant pool is strong and retention rate is 22/24 = 91.6%. SRTA exams (working on patients) were completed by all 22 students before graduation for 100%. The National Board Dental Hygiene Exam (NBDHE) was completed at 100% by all 22 on first attempt. Support for the program from the DH Advisory committee, UK College of Dentistry and the dental community is very strong. Our program has a great reputation. Community service of students and faculty remains excellent. "Give Kids a Smile" free clinics and "Hygienists for Health Race for the Cure" team are just 2 examples. Federal Perkins funds provided some much needed new technology for our clinic. Adjunct faculty are very strong and have carried a lot of responsibility for the success of the program.
2. Items Requiring Continued Attention	Budget needs were met after request for additional funds. Program is still requesting another FT faculty line. The use of so much technology in the clinic is requiring a lot of time from the IT dept. This is a continued concern for the IT dept. Several meetings have been held with IT and they are aware of our concerns. Uncertainty about the location of the clinic in the future makes it hard to make plans for future purchases, renovations and clinic repairs.
3. Document and provide evidence indicating how last year's program review resulted in improvements in the program.	Last year was very successful due to policies and procedures that were put into place. Student outcomes were great in retention, board outcomes and job placement. Holding the clinical exam at BCTC has helped our student outcomes but has caused more work for the program. Last year we had a CPE review which was more extensive and was a positive experience. The info we collected will help us write the CODA self-study due in 2016.
Assistant Dean	I have reviewed and agreed with the comments made by the coordinator. The Dental Hygiene program continues to maintain a program of high standards and high qualified graduates.
Dean	Agree with comments from coordinator and AD. Good health program. Graduates perform well.
Vice President	I concur with Assistant Dean and Dean comments. Faculty and staff embrace high standards. Like with all other technical programs, I encourage the program to consider additional apprenticeship and other industry sponsorship opportunities.