2011-2012 Dentistry

Mission

Indiana University School of Dentistry

Mission Statement

The mission of the Indiana University School of Dentistry (IUSD) is to advance the oral health and general overall health of the people of the State of Indiana and others worldwide through excellence in teaching and learning, research and creative activities, patient care, civic engagement and service.

Vision Statement

To be one of the best Dental Schools for the 21st Century.

Goals

Teaching and Learning

- Attract and support a well prepared and diverse student population for the dental assisting, dental hygiene, pre-doctoral dental and postdoctoral, graduate, specialty and research programs.
- Enhance student learning and develop graduates who are highly competent clinicians, critical thinkers and lifelong learners who are ethical, socially responsible, and culturally sensitive professionals of general dentistry, the dental specialties, other relevant postdoctoral disciplines, dental hygiene, and dental assisting.
- Attract quality faculty and provide support to enhance effective teaching and learning in clinical, laboratory, classroom, and service-learning settings.

Research and Creative Activities

- Excel in high-quality, innovative research and scholarly activities, which engage faculty, students and staff, attract external funding, increase our national standing, and lead to improvements in oral and overall health.

Patient Care

- Provide a comprehensive spectrum of evidence-based, quality oral health services to individuals from any socioeconomic or cultural group.

Civic Engagement and Service

- Serve local, state, national, and international communities through partnerships involving clinical care, service-learning, and community engaged scholarship in addition to serving the university and the profession.

Goals and Objectives
Collaborate with federal, state, and local organizations to provide support for enrichment, recruitment and retention programs.

To increase funding and support for new programs.

Campus Planning Theme: Campus Climate for Diversity
Secondary Goals:
Sub Unit:
Time Frame:

Actions taken for 2011-2012:

- Develop funding proposals.
- Work with alumni and stakeholders.
- Meet with state legislators and other state officials.

Evidence of Progress for 2011-2012:

Evidence of Progress
- Awarded $2.5M from the National Science Foundation for the Louis Stokes Alliance for Minority Participation Center of Excellence Proposal with Chicago State.
- Awarded $12K from the American Dental Education Association Dental Pipeline National Learning Institute to collaborate with Ivy Tech Community College.
- Creation of the Multicultural Oral Health Association for students at IUSD.
- Supported student attendance to the American Dental Association Ambassadors Program and National Multicultural Oral Health Summit Conference.
- Attended the Indiana Minority Health conference.
- Participate in the Indiana Black and Latino Expos.

Activities planned for 2012-2013:

- Develop funded projects.
- Collaborate with the local American Indian Dental Association, Hispanic Dental Association, and the National Dental Association.
- Develop partnerships with local and statewide health professional education program.

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Activities planned for 2012-2013:

- Develop funded projects.
- Collaborate with the local American Indian Dental Association, Hispanic Dental Association, and the National Dental Association.
- Develop partnerships with local and statewide health professional education program.

- Develop and implement updated IUSD Strategic Plan.

- Utilizing broad school based and external representation, develop IUSD Strategic Plan in 2010-2011 and implement it in the following 3 years.

  Campus Planning Theme: Best Practices
  Secondary Goals:
  Sub Unit:
  Time Frame:

Actions taken for 2011-2012:

Through multiple avenues, significant input throughout the IUSD community was facilitated and obtained. Strategic Plan was developed and finalized early in 2011 and has since been implemented as a core vision for the school.

Evidence of Progress for 2011-2012:

Finalized plan has been distributed and quarterly updates have been obtained and reviewed at the IUSD Executive Committee meetings.

Activities planned for 2012-2015:
Continue to implement, monitor and review the Strategic Plan in the 5 areas outlined: Community engagement, research, transformational, curriculum, and patient care.

Wrap up of this Strategic Plan to occur over the next year or two, and after Re-accreditation in September 2013, while begin consideration for timing of new Strategic Plan.

Ensure that the CODA Accredited Graduate Programs will be re-accredited following the site visit in September, 2013

Have all the programs ready with an exemplary self-study completed by or before June 30th, 2013

Campus Planning Theme: Best Practices

Secondary Goals:
Sub Unit:
Time Frame:

Actions taken for 2011-2012:

With guidance from Dean Williams, the process of accumulating data was initiated. Regular meeting with the Program Directors, the Steering Committee and Associate Dean for Academic Affairs, to ensure progress.

Evidence of Progress for 2011-2012:

Associate Dean attended a further workshop in August, 2012. Draft self-study documentation for each of the programs will be submitted to the Office of Academic Affairs for review, by the deadline of October 15th, 2012.

Programs are also planning to hold mock site visits in order to strengthen their portfolios.

Activities planned for 2012-2013:

As above, and Associate Dean for Graduate Education and others representing various IUUSD accreditation interests, attended a three day workshop, hosted by The American Dental Education Association, in October, 2012.

Extend the remit of the Office of Graduate Education to encompass a strategic mission of Global Engagement.

Align with IU in its vision of "Internationalization", and seek to establish strategic partnerships and collaborations with external institutions, in order to promote scholarly and fiscal development.

Campus Planning Theme: Best Practices

Secondary Goals:
Sub Unit:
Time Frame:

Actions taken for 2011-2012:

None. This is a new enterprise.

Evidence of Progress for 2011-2012:
The Associate Dean for Graduate Education presented a proposal to the Dean and school administration that would establish strategic leadership in developing partnerships, including building upon those already identified as principal partners. This was accepted in October, 2012.

Activities planned for 2012-2013:

Following publication of President McRobbie’s *New Academic Directions* report, discussions were initiated within the school that led to the proposal that IUSD should establish a formal platform for global strategic engagement.

- Implementation of strategic activities to increase awareness of the dental profession and opportunities for minority and low-income/first-generation students.
- To introduce academically motivated underrepresented minority and economically disadvantaged students to dentistry as a potential career.

  **Campus Planning Theme:** Campus Climate for Diversity  
  **Secondary Goals:**  
  **Sub Unit:**  
  **Time Frame:**

Actions taken for 2011-2012:

- Develop relationships with university/colleges, schools and organizations.
- Develop marketing strategies.
- Expand the partnership with Indianapolis Public High Schools.
- Provide targeted outreach to students, schools, and organizations in Indiana.
- Apply for external support for programs.

Evidence of Progress for 2011-2012:

- Dental Pipeline program with Ivy Tech Community College – Central Indiana.
- Apprenticeship Programs with Indianapolis Metropolitan, Crispus Attucks, and Pike High Schools.
- Dental Summer Undergraduate Research Program (DSURP)
- Dental Summer Institute for local high school students.
- Grant applications submitted to the National Science Foundation, the American Dental Education Association, and the National Institutes of Health.

Activities planned for 2012-2013:

- Develop a more informative webpage.
- Develop a pre-matriculation program.
- Research possibilities of a dental post-baccalaureate program.
- Provide targeted outreach to students, schools and organizations in Gary, Hammond, and East Chicago, Indiana.

Incorporate CAD/CAM (computer aided design/computer aided manufacturing in dentistry) technology into IUSD curriculum.
To train faculty, staff and students in this state of the art CAD/CAM technology and incorporate it into our clinical patient services.

**Campus Planning Theme:** Best Practices

**Secondary Goals:**

**Sub Unit:**

**Time Frame:**

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**Actions taken for 2011-2012:**

IUSD has purchased the E4D brand of CAD/CAM technology. After clinically preparing a tooth for a prosthesis (crown), the tooth is scanned into the computer where a prosthesis is designed. This information is then sent to a milling where the prosthesis is milled from solid blocks of ceramic.

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**Evidence of Progress for 2011-2012:**

All of the E4D units are in place. All students have been trained with this technology in a pre-clinical environment.

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**Activities planned for 2012-2013:**

Expand the clinical application of this technology in the third and fourth years of dental clinical education.

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Increase the overall research productivity of the IUSD Research Program.

Increase the number of submitted/funded scientifically meritorious federal grants by 50%.

**Campus Planning Theme:** Research, Scholarship and Creative Activity

**Secondary Goals:**

**Sub Unit:**

**Time Frame:**

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**Actions taken for 2011-2012:**

Continue the funding start-up accounts for new research faculty.

Funded postdoctoral research fellows, as well as masters and PhD candidates.

Provided funding for student research stipends, supplies, travel and biostatistical support.

Conducted external research program review.

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**Evidence of Progress for 2011-2012:**

Maintained the number of funded collaborations with other schools on the IUPUI campus and other Indiana research institutions.
Activities planned for 2012-2013:

- Develop a compensation plan to motivate and reward faculty for successful grant applications.
- Continue to increase collaborations with other schools on the IUPUI campus and other Indiana research institutions.
- Implement select recommendations from the external research review conducted last year.

To complete preparation for the 2013 CODA Accreditation process.

To ensure that all programs at the School of Dentistry are in compliance with all standards at its September 2013 Accreditation review.

**Campus Planning Theme:** Teaching and Learning

**Secondary Goals:**

**Sub Unit:**

**Time Frame:**

Actions taken for 2011-2012:

The Office of Academic Affairs was tasked with oversight of the self-study process for the DDS, Dental Hygiene, Dental Assisting and six advanced education programs. In November 2011, faculty members were appointed into leadership positions on 15 different subcommittees to direct the review and writing of the various self-study sections. Participation was sought from a broad spectrum of faculty and staff, and the self-study groups began work to collect data, identify processes, as well as strengths and challenges, and outline first drafts of the self-studies for each program. A clear timetable was developed and ratified by the Accreditation Steering Committee, and an accreditation coordinator was hired to assist the Office of Academic Affairs in coordinating committee efforts.

Evidence of Progress for 2011-2012:

- 15 accreditation sub-committees have been formed and are well on their way, having completed the first draft of the self-study (October 15, 2012), which is to be reviewed by the faculty (Nov/Dec 2012).
- Two Faculty Teaching Retreats have focused on program discussion and development with an eye towards a successful accreditation (October 2011/September 2012).
- The Curriculum Committee has been making significant progress with curriculum review and identification of important areas of focus.
- A mock site visit is scheduled for February 5-6, 2013 to review programs and bring an external eye to our self-study process.
- Several workshops on Diversity, Evidence-Based Care, and the Humanistic Environment have been completed for faculty, staff and students to support significant changes to accreditation standards.
Activities planned for 2012-2013:

Continue the work of all sub-committees with regard to the self-study. A mock site visit will be scheduled in early spring 2013 to allow the school to obtain external feedback and fine tune our programs for success at the September 2013 site visit. Meetings and follow-up with all of the sub-committee groups are scheduled and have commenced to ensure that the program seriously and analytically reviews its objectives, strengths and challenges by involving all of the communities within the school in an internal examination of the ways in which the institution and its programs meet its own stated purposes and the accreditation standards approved by the Commission. The final draft of the self-study will be forwarded to the Commission on June 1, 2013.

Fiscal Health

Financial Update

The School of Dentistry Fiscal Health Report shows that we were able to meet our current financial needs. We face growing challenges in meeting the physical needs of an aging building. Current plans include a renovation of two lecture halls, which will fit well with our longer term plans for a new clinical/research facility. As we strive to provide a robust clinical and educational experience for our students, faculty, and patients, it is essential that we are able to keep up with technological advances in the industry. Our plans to meet these needs include continuing efforts to increase clinical efficiency, in order to maximize the clinic revenue stream.

Reallocation Plan

The IU School of Dentistry would like to request reallocation funds to support an upgrade to our primary pre-doctoral clinical educational facility. This 100 chair facility provides a Comprehensive Care clinical teaching environment for our 400 predoc students. It is critical to our mission to provide a modern, state-of the art, flexible, quality dental healthcare setting. The facility serves and supports students, staff, faculty and patients. In this economy, marketing is becoming more important to recruit and retain patients to support our student’s educational experience. We must insure that we are providing a modern, professional healthcare standard in our clinical educational facilities. The initial estimate for this upgrade exceeds $2.0m, but the upgraded equipment will transition nicely into our longer term plans for a new clinical/research facility.

In addition, we need to continue to upgrade and remodel our building. While a few projects are underway or planned (lobbies, 2 classrooms), additional remodeling is sorely needed (another lobby, conference rooms and 2 additional classrooms) for which $2.0m from the university, partnered with our own contributions, would enable.

Other Question(s)