2001-2002 Dentistry

Section	Document Name

Mission

The mission of the Indiana University School of Dentistry is to promote optimal oral and general health of Indiana citizens and others through educational, research, patient care and service programs. Our vision encompasses the pursuit of excellence in all these programs guided by shared values and mission, and carried out in an environment of collaboration, mutual respect and continual growth and development of faculty staff and students. The educational programs will feature curricula that not only provide for the learning of specific information, but promote critical thinking, problem solving and responsibility for learning by the student. These curricula (including those for the dental, advanced dental and allied dental programs) will integrate the biological, clinical and behavioral sciences in such a way as to give clear relevance to them all. The professional imperative for life-long learning will be served by a visionary program in continuing education that focuses on providing world-class continuing education programs in subject areas of greatest demand in such a way as to be maximally user-friendly and time-efficient. The program will be centered in a state-of-the-art-facility dedicated for this purpose that can provide top quality lecture, seminar, laboratory, simulation and hands-on clinical experiences. Our research activities will take the form of a coordinated, focused major research program, involving all faculty in various ways and led by the finest investigators and clinicians in the world. This program will maximize not only the strengths of the faculty, but those of the university and state as well. It will be of such quality and stature as to maintain us as highly valued members of both the academic and professional communities. Patient care in our institution will feature predoctoral clinical educational experiences in a truly integrated care general dentistry setting, supported by specialty programs as appropriate, and incorporating all aspects of contemporary dental practice, including a solid grounding in practice management and the practice of quality dentistry in a complex and changing practice environment. Service to the public will incorporate, in addition to the dental school clinics, programs in public education and direct public service locally, statewide and, when appropriate, nationally and internationally. Through this service the School of Dentistry will constitute an extremely important arm and manifestation of university citizenship, particularly in concert with our urban setting and mission. Moreover, this service will be completely integrated with our educational program in an organized and directed service-learning mode. All of our activity will be carefully monitored through a comprehensive, understandable and relevant program of institutional outcomes assessment leading to continuous improvement. It will also be carried out in a fiscally sound manner within the university concept of the School of Dentistry as a responsibility center. Finally, the entirety of this vision will be realized in the context of our Environment for Excellence; that is, an environment characterized by opportunity linked to accountability, resources linked to responsibility, professional development accompanied by expectation, guidelines linked to reward, expectation accompanied by appreciation, and seriousness coupled with collegiality. The motto guiding our work and vision at the School of Dentistry will continue to be: We Are Indiana, Always Striving for Simply the Best, and Never Taking It For Granted.

Goals and Objectives

1. Recruit quality applicants and prepare them to become highly competent, critically thinking, life-long learning, ethical, responsible practitioners of general dentistry, dental specialities and other post doctoral disciplines.

1.Select high quality students to matriculate into the dental education programs.

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Strive to accept dental students who's GPA and DAT scores are at or above the National mean b) Strive to accept dental students with interview scores of 3 or higher. c) Accept graduate dental students who are in the upper 50% class rank and have National Dental Board scores above 80

Evidence of Progress for 2001-2002:

a) GPA:For 1999: IUSD = 3.40, Nat = 3.35 For 2000: IUSD = 3.29, Nat = 3.19. For 2001: IUSD = 3.24, Nat = 3.23. For 2002: IUSD = 3.30, Nat = not available b) DAT: For 1999: IUSD = 17.9, Nat = 18.1 For 2000: IUSD = 17.7, Nat = 17.9 For 2001: IUSD = 18.0, Nat = 17.6 For 2002: IUSD = 18.0, Nat = not available. c) Interviews: For 1999: mean = 3.68 For 2000: mean = 3.66 For 2001: mean = 3.72 d) Performance in 1st year at IUSD with at least 95% passing and being promoted: For 1999: 100% passed For 2000: 99% passed For 2001: 99% passed. For the graduate dental program: a) Class rank of graduate dental students For 1998: All in upper 15% For 1999: All in upper 27% For 2000: All in upper 22% For 2001: All in upper 18%. b) National Dental Board Scores of entering graduate dental students For 1998: Part I: 88; Part II:85 For 1999: Part I: 88; Part II:85 For 2000: Part I: 87; Part II 86 For 2001: Part I: 86; Part II: 85.

Activities planned for 2002-2003:

Continue to have Admissions Committee review entering GPA's,DAT (Dental Admissions Test) scores, interview scores and performance during first year. Eliminate prerequisites of speech and physiology lab for the 2001-02 cycle to increase the applicant pool

2. Attract and support a diverse student population

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Maintained a full-time Director of Student Diversity Support; b) Enhanced contacts with potential applicants from under-represented minorities (URM) by attending the National Dental Association meeting, the National Association of Medical Minority Educators and the National Association of Advisors in Health Professions; c) Continued support of the Indiana chapter of the Hispanic Dental Association.

Evidence of Progress for 2001-2002:

a) The school's DDS program received 49 applications this year from under-represented minorities (19 African Americans, 30 Hispanics/Latinos). Seven were Indiana residents. Admission was extended to 4 African American applicants (3 from Indiana, 1 being male, accepted admission). Offers were made to 2 Hispanic female applicants who were residents of Indiana. Both accepted. In addition, we have 3 African American females in our entering dental hygiene class 2 African American females and in the dental assisting class. This represents steady improvement over the past four years in attracting and maintaining particularly African American candidates to IUSD: specifically in the class of 3 there are 0 AA students; in each of the classes of 04 and 05 there is one AA student; in the class of 06 there are 3 AA students. b) The Indiana chapter of the Hispanic Dental Association continues to be active.

Activities planned for 2002-2003:

a) Continue making contacts at appropriate professional meetings; b) Expose students K-12 to the dental profession by attending career/professional fairs around Indianapolis;c) Continue to work with the Indiana dental community to aid in recruitment; d) Propose a summer program at IUSD that will expose URM undergraduate students to dentistry.

3. Produce graduates who are competent practitioners of general dentistry

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Develop measurable competencies and assure that they are addressed in the curriculum. b) Insist that faculty organize courses based on published objectives. c) Provide reviews and mock examinations for National Dental Board examinations. d) Add a competency on dental public health.

Evidence of Progress for 2001-2002:

a) A review of the competencies by the Curriculum Committee and course directors indicated that all of the 26 competencies are addressed in the curriculum and are measurable. b) Average National Dental Board scores For 1999: Part I: IUSD = 84.4; Natl = 85.7 Part II: IUSD = 81.5; Natl = 82.2 For:2000: Part I: IUSD = 85.2; Natl = 86.0 Part II: IUSD = 82.1 Natl = 81.5 For 2001: Part I: IUSD = 86.4 Natl = 85.6 Part II: IUSD = 82.2 Natl = 82.5. The first of the new curriculum dental classes to take Part I National Boards elevated our national ranking in this parameter one place; the second class elevated it 7 more places; the third class elevated it 21 more places. c) In 2000, 82 of 96 students graduated on time; 12 more graduate within 3 months later, 2 graduated 6 months later. In 2001: 74 of 88 graduate on time, 14 more by end of summer. d) Indiana State Dental Board examination 2000: 92% of current year IUSD grads who took the exam passed on either the June or September exam; 2001: 93% passed; 2002: 92% passed.

Activities planned for 2002-2003:

Attempt to raise National Dental Board scores by continuing to provide review sessions, posting sample National Board questions on course home pages and have students take mock National Board test every 6 months.

4. Produce dental graduates who understand and practice ethics, social responsibility, and critical thinking

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Conduct problem-based learning (PBL) as part of the required curriculum to teach critical thinking skills b) Provide

ethical and professional issues for students to study in the PBL settings) Appoint a faculty person as the new Director of the Division of Community Dentistry

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Evidence of Progress for 2001-2002:

a) Over the past 5 years only one student has failed the course Introduction to Critical Thinking and Professional Behavior. b) No students have failed the PBL portion of the curriculum. c) 36 dental students participated in Dental Day for Children; 109 students participate in the homeless dental program; 23 students assist the Indiana Dental Assoc with their annual meeting; 11 students joined the Amer Assoc for Dental Research; 19 students provided dental services in Mexico and Haiti. d) Students monitor their own professional behavior through the Student Professional Conduct Committee.

Activities planned for 2002-2003:

Increase promotion of outreach activities

5. Provide high quality educational programs

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Have students evaluate the program.b) Conduct exit interviews. c) Support and enhance effective teaching by providing faculty with development opportunities, computer training, administrative assistance, teaching awards. d) Develop and offer The New Dentist dental course. e) Conduct town hall meeting with students to hear their concerns. f) PBL component of the curriculum was changed from letter grade to pass/fail. g) Spring semester in year 1 and year 2 of the DDS curriculum was shortened by two weeks.

Evidence of Progress for 2001-2002:

a) Seven of the nine faculty promoted in 2000 documented excellence in teaching and all three of the faculty promoted in 2001 documented excellence in teaching. b) 99% attendance of full-time faculty at the school's teaching conference involving faculty development. c) Student assessments that the school curriculum is meeting their goals (below are mean evaluation scores – 4.0 point scale) For 1999: Year 1 DDS class – 2.59 Year 2 DDS class – 2.68 For 2000: Year 1 DDS class – 2.53 Year 2 DDS class – 2.70. For 2001: Year 1 DDS class - 2.72 Year 2 DDS class - 2.34. d) In 1999, 90% of graduating seniors felt adequately prepared for their next career goal (area of least preparation was the business aspect of a private practice). e) In 2000, 94% of graduating seniors felt adequately prepared for their next career goal (areas of least preparation was the practice administration, contemporary dental materials, pharmacology). In 2001 92% of graduating seniors felt adequately prepared for their next career goal (areas of least preparation were pharmacology, medical emergencies, practice management). f) The dental program was accredited at the highest level during the most recent accreditation process by the Commission on Dental Accreditation. g) Students' concerns are addressed.

Activities planned for 2002-2003:

a) Increase student participation in curriculum and course evaluations and curriculum committee activities via Student Task Forces. b) Provide a new curriculum in dental practice management. c) Provide more curricular time to dental pharmacology. d) Continue to award the annual Indiana Dental Association Outstanding Teacher of the Year Award ($7,000)and the IUSD Alumni Association Distinguished Faculty in Teaching Award. Continue to select awardees of the TTAs.

6. Prepare graduate students to become outstanding practitioners of the dental specialties, other postdoctoral dental disciplines and the dental sciences

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Monitor performance of students in didactic and clinical areas. b) Monitor performance of students on national specialty or other certifying examinations. c) Support and enhance effective teaching by providing faculty with development opportunities, computer training, administrative assistance, teaching awards.

Evidence of Progress for 2001-2002:

a) Each of our dental specialty programs was accredited at the highest level during the most recent accreditation process by the Commission on Dental Accreditation. b) The faculty is highly productive in scholarly activities (see Research Goal 3 indicators). c) Performance in courses (n = 24)1999: mean GPA Clinical: 3.76 Overall: 3.74. For 2000 (n=21): GPA clinical: 3.79 Overall: 3.77. d) Performance on national specialty examinations 1999: 87% passed on the first attempt (13 of 15). For 2000: 100% passed on 1st attempt. e) School provides funds to facilitate all thesis research projects of MSD and PhD students and provides stipend to 3-4 PhD students per year. f) Number of applicants for PhD program 2001:13 applicants; accepted 6; 5 enrolled.For 2002: 15 applicants, 2 accepted, 2 enrolled.

Activities planned for 2002-2003:

a) Collect data on the total number of students who apply to our MSD programs. b) Collect data on number of MSD and PhD student publications and presentations.

2.Create graduates who demand and a program which provides the opportunity for career-long learning through continuing education

1. Provide quality continuing education programs that are state-of-the-art and of interest to licensed dental practitioners

Campus Planning Theme: Campus Climate for Diversity
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Monitor registrations. b) Contract with presenters who offer state-of-the-art information.c) Announce CE opportunities at IUSD throughout the Midwest.

Evidence of Progress for 2001-2002:

a) Our school's new Center for Advanced Professional Studies (CAPS) opened. b) DDS Registrations: 1998-1999: 8% below previous year;1999-2000: 11% above previous year; 2000-2001: 21% above previous year. b) DDS repeat registrations:1998-1999: 9% above previous year;1999-2000: 4% below previous year; 2000-2001: 44% above the previous year. c) Dental student registrations:1999-2000: 5.4% of attendees were current IUSD students. For 2000-2001 were 4.3% were IUSD students. d) Students can enroll in CE courses free. e) IUSD alumni enrollment: 1999-2000: 60% of attendees were IUSD alumni. For 2000-2001: 70% were IUSD alumni.

Activities planned for 2002-2003:

Continue to offer more hands-on programs.

3. Increase the knowledge base in areas of oral health through research programs involving faculty and students

1. Increase the knowledge base in areas of oral health through research programs involving faculty and students

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Provide school funds to faculty for post-doctoral researchers. b) Support and enhance effective research by providing faculty with development opportunities, computer training, administrative assistance, funds for basic research space and equipment. c) Maintain the school's office of research to assist faculty with grant submissions, identifying funding opportunities, managing grant budgets, ordering research supplies.

Evidence of Progress for 2001-2002:

a) Number of research proposals submitted: 1998-99: 60 grants, 312 contracts; 1999-00: 62 grants, 290 contracts; For 2000-2001: 45 grants, 286 conracts. b) External funding for research: 1998-99: $5,389,570 1999-00: $5,071,532 2000-01: $6,632,298. For 2001-2002: $7,149,597. c) Shared research equipment purchased and maintained by school. d) Three new post-doctoral researchers.

Activities planned for 2002-2003:

Appoint permanent Associate Dean for Research. Continue ongoing efforts.

2. Support student involvement in research

Campus Planning Theme: Research, Scholarship and Creative Activity

Campus Planning Theme: Research, Scholarship and Creative Activity
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Provide funds to dental students conducting research. b) Apply for federal research training grants.c) Encourage faculty to involve students in research.d) Organize annual IUSD Research Day where our students present research posters and compete for awards.e) Adjust curriculum time to allow for student research.

Evidence of Progress for 2001-2002:

a) Number of dental students involved in research for 1998: 9; 1999: 14; 2000: 14. 2001: 16. b) Number of advanced dental education students involved in research: average of 100 each year; c) School awarded NIH grant for short-term research training of professional students (currently in its 20th year) d) Number of dental students as co-authors on faculty research publications for 1998: 9; 1999: 13; 2000: 1 plus 13 abstracts.

Activities planned for 2002-2003:

continue current activities

4. Maintain and enhance the school's role as a vital and productive member of the scholarly community in the Indiana University Family

1. Encourage faculty to become scholarly leaders in the research community
Campus Planning Theme: Research, Scholarship and Creative Activity
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Foster research collaborations with other IUPUI schools, other campuses, Indiana companies, other universities and out-of-state companies. b) Offer faculty development opportunities, computer training, administrative assistance, funds for basic research space and equipment.

Evidence of Progress for 2001-2002:

a) Number of faculty publications for 1998: 108 articles, 89 abstracts; for 1999: 94 articles, 73 abstracts; for 2000: 123 articles, 65 abstracts. b) Number of Journal editors or members of editorial boards, 1999:23; 2000 31. c) Number on grant review panels, 13 (13% of full-time faculty). d) Number on special advisory panels, 1999:13; 2000:8. Number on boards and councils: 1999:41; 2000:37. e) Number of patents and licenses patents, 1999:4, applied:3, issued licenses:2. for 2000: 3, applied 20, licenses:0. e) Number of collaborative proposals submitted, awarded, for 1999: 2 submitted, 1 awarded; for 2000: 10 submitted, 5 awarded.

Activities planned for 2002-2003:

Continue current activities

5. Provide a broad spectrum of high quality patient services for reasonable fees as a principal means of furnishing clinical educational opportunities for students

1. Students become clinically competent and patients are satisfied with the care received

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Developed means to measure clinical competency of our students. b) Survey patients for the presumed quality of care at entry into the system, during treatment and at exit.

Evidence of Progress for 2001-2002:

a) Demonstration of competency by the students: Graduating classes of 1999, 2000 and 2001 all passed competency exam. For 2002 97% passed initially. b) Nat Board Part II mean score for 1999: IUSD = 80.4, Nat = 81.2; For 2000: IUSD = 82.1, Nat = 81.5; For 2001: IUSD = 82.2, Nat = 82.5. c) Patient complaints are discovered and addressed. The Quality Assurance Program identifies areas of needed improvement. For 2002 these areas are: caries risk management; referrals; chart design; protocol for payment of medical services for patients with medical incidents at IUSD; larger counters at cashier's windows; protocol for patient entry into regular clinical care after emergency care.

Activities planned for 2002-2003:

a) Continue mock laboratory and clinical board exams. b) Continue to emphasize laboratory crown preparations. c) Try to streamline patient insurance preauthorization. d) Maintain overall quality assessment program.

2. Students develop professionalism and excellent skills in patient management, treatment planning and record keeping

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Developed means to measure skills in preventive dentistry, referral, systemic health evaluation, alternative treatment plans and professionalism.b) Conduct patient chart audits.

Evidence of Progress for 2001-2002:

a) 100% of students passed Comprehensive Care Clinic Course for 1999, 2000, 2001. b) 100% of students passed professionalism portion of the Comprehensive Care Clinic Course for 1999, 2000, 2001. c) 2001 patient surveys showed commendable results for student professionalism.

Activities planned for 2002-2003:

a) Increase number of chart audits per students as Comprehensive Care Clinic Course assessment mechanism. b) Continue peer and self evaluations of student professionalism.

3. Maintain reasonable clinic fees

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

Compare fees with fees in the community and with fee schedules of 3rd party.

Evidence of Progress for 2001-2002:

Fees are < 50% of private practice fees. Patient surveys show they are comfortable with IUSD fees.

Activities planned for 2002-2003:

Continue fee comparisons.

4. Student shows knowledge and practice of ethical behavior

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: On going

Actions taken for 2001-2002:

a) Problem Based Learning(PBL) and Group Learning Activity(GLA) cases presented contain ethical perspectives and include application of the American Dental Association"s Code of Ethics. b) Give the Defining Issues Test (DIT) to determine students ability to engage in ethical reasoning in response to identified delimas for year 1 and year 4. c) Ethics didactics provided in Patient Management Module of the Clinical Sciences course. d) Faculty evaluate the students using the Clinical Professionalism Conduct form. e) Conduct a White Coat ceremony to 1st year dental students emphasizing professionalism and ethics.

Evidence of Progress for 2001-2002:

a) Class of 2003 took the DIT in year 1 (1999). The first comparison after 4 years will be available in 2003. b) 100% passed the Patient Management Module of Clinical Sciences for 1999, 2000, 2001.

Activities planned for 2002-2003:

Continue current efforts.

5. Students perform well in community and hospital rotations

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

Faculty evaluated student performance in community/hospital rotations.

Evidence of Progress for 2001-2002:

Attendance has been 100% and all students received acceptable evaluations 1999, 2000, 2001.

Activities planned for 2002-2003:

Continue ongoing activities.

6. Maintain a clinical education system which simulates as closely as possible a contemporary, high quality practice of general dentistry, supported by the specialties as appropriate

1. Provide a private practice type setting in the school clinics

Campus Planning Theme: Teaching and Learning
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Evaluate time management, student preparation, appointment scheduling and chart audits through evaluation in the Comprehensive Care Clinical Course. b) Institute a major new program in practice administration in association with one of the nation's leading dental practice management institutes. This will be part of a pilot project with two other dental schools, accompanied by long-term outcomes assessment.

Evidence of Progress for 2001-2002:

a) All students passed the Comprehensive Care Clinic Course. b) A new course in practice management (Pride Institute) was initiated.

Activities planned for 2002-2003:

Continue current efforts.

7. Interact with the community by providing both school-based and outreach based service and health education programs

1. Encourage faculty to serve as a source of oral health information for Indiana communities, the dental profession and other health professionals in the state

Campus Planning Theme: Civic Engagement
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

a) Encourage faculty to publish review articles in state journals and speak at dental study clubs, community groups and the Indiana Dental Association Annual Session.b) Encourage faculty to develop and present Continuing Education courses.

Evidence of Progress for 2001-2002:

a) The majority of issues of the Journal of the Indiana Dental Association contain articles by IUSD faculty. b) 25% of the full-time faculty make oral health presentation to professional and community group (live and media).

Activities planned for 2002-2003:

Dean to reinforce these activities with department chairs.

2. Encourage faculty and students to become involved in service activities.

Campus Planning Theme: Civic Engagement
Secondary Goals:
Sub Unit: n/a
Time Frame: Ongoing

Actions taken for 2001-2002:

Support and organize community service activities. These include: faculty and students providing patient care for underprivilaged children and continuing education for dentists in Mexico and Haiti; faculty and students operating outpatient dental clinics in the Marion County area serving the local community and providing care to underserves populations; operating the Amish Community Dental Clinic in northern Indiana involving faculty and students; having

populations; operating the Amish Community Dental Clinic in northern Indiana involving faculty and students; having faculty-supervised students provide pit and fissure sealants to children of domestic violence and homeless shelters in Marion County; initiated a Special Olympic/Special Smiles dental screening and education program at the State Games in Terra Haute, IN; faculty and students collaborated with Marion county Health Dept to provide oral screenings and referrals for more than 1,000 children from Indianapolis Summer Youth Camps; faculty-supervised students provided free dental care to adults wh are developmentally disabled and working at Goodwill Industries (this was in conjuction with Indiana Donated Dental Services); dental students work with medical, nursing and puiblic health students to provide substance abuse training in the Indianapolis Public School system.

Evidence of Progress for 2001-2002:

a) Over 50% of the faculty participate in community service through organizations or their private practice. b) Student participation, for 1999: 139 dental students participated in 11 organized service projects; for 2000: 135 students participated in 10 projects; for 2001 194 students participated in 12 projects.

Activities planned for 2002-2003:

Continue current efforts.

Fiscal Health

As of the end of FY02, the School of Dentistry has fully recovered from a significant $1.7 million deficit incurred as of the end of FY99. The payback was accomplished two years earlier than the original Payback Plan. This was accomplished primarily through improved accountability for our clinical sales and services and associated operating costs. We continue to focus on operating efficiencies and controls and continue to increase fiscal awareness, responsibility and accountability throughout our organization. We are currently involved with the campus department of Planning and Institutional Improvement, in the review and development of a Strategic Plan. This Strategic Plan review should improve the overall understanding and utilization of school resources.

Reallocation Plan

Dentistry did not request reallocation funds.

Other Question(s)