

Programs of Distinction

1992-1994 BULLETIN



BAYLOR COLLEGE OF DENTISTRY

Moving Dentistry into the 21st Century

DALLAS, TEXAS



THE BULLETIN

ANNOUNCEMENT FOR 1992-1994

Diplomas, transcripts and official documents of Baylor College of Dentistry bear the College Seal that was officially adopted by the Board of Trustees, November 19, 1971.

Surrounding the elongated triangle representing the Greek letter **delta**, the official symbol of dentistry, are the dates 1905 — the founding of the State Dental College; 1918 — the purchase of the College by Baylor University; and 1971 — the charter of the College as a private, nonprofit, nonsectarian educational corporation. The five pointed star represents the State of Texas.

ACCREDITATION

The programs of Baylor College of Dentistry in dentistry, dental hygiene and the specialty programs of endodontics, oral and maxillofacial surgery, orthodontics, pediatric dentistry, periodontics and prosthodontics are accredited by the Commission on Dental Accreditation and the United States Department of Education. Accreditation has also been granted by the Southern Association of Colleges and Schools, Inc.

Volume XII

1992*

This publication and its provisions are not in any way a contract between the student and the College of Dentistry. The College reserves the right to revise any section or requirement at any time.

* Fifty-four issues were published before the name Baylor College of Dentistry was adopted.

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Dental education and Baylor College of Dentistry are in the midst of the most exciting time in the history of the dental profession. Fortified with a distinguished legacy of academic excellence for more than eight decades, Baylor College of Dentistry is in the enviable position of providing the leadership and vision necessary for dentistry to move into the 21st century as an integral component of this nation's health care delivery system.

Baylor College of Dentistry is dedicated to the dissemination of existing knowledge and the creation of new knowledge, both of which are necessary in order to educate the competent dentist, dental hygienist, clinical specialist, and scientist. Baylor's outstanding academic programs also encompass the provision of health promotion/disease prevention programs as well as direct dental treatment programs for our constituents and the public we serve. The distinguished history and tradition of Baylor College of Dentistry provide the underpinnings for the College to remain on the cutting edge of science and technology advancement while providing adaptable and flexible academic programs focusing on what will be necessary to learn for the future.

The commitment to excellence, the location of Baylor College of Dentistry in the Dallas Metroplex with its powerful array of hospitals and biomedical institutions, the outstanding support of its Alumni and Board of Trustees and the collegial atmosphere created by its faculty, students, alumni, and staff ensure that Baylor will continue to graduate a contemporary health care professional — one who will function as an intrinsic member of the health care delivery team and who will be able to diagnose, treat and prevent oral diseases in the context of the pa-



Dominick P. DePaola, D.D.S., Ph.D.
President and Dean

tient's general health status. At the same time, the Baylor graduate will be able to adapt to future professional changes and challenges. This represents an exciting agenda for Baylor College of Dentistry and an equally exciting academic atmosphere designed to benefit the citizens we serve as well as the profession we cherish.

The purpose of this Bulletin is to highlight Baylor College of Dentistry's mission, its distinguished accomplishments, its unprecedented future, and particularly, its people. On behalf of our faculty, students, and staff, it is my pleasure to extend a warm invitation to you to visit our wonderful College. The past accomplishments of Baylor College of Dentistry are rooted in 85 years of academic achievement; our future is only limited by our energy, aspirations, and vision.

Do pay us a visit and consider becoming a part of our history by sharing in Baylor College of Dentistry's exhilarating future.

CALENDAR 1992-93

1992	June 22	Monday, SUMMER CLINIC AND GRADUATE QUARTER BEGIN
	June 22-26	Registration and payment of fees
	July 3	Friday, Independence Day Holiday
	July 13	Monday, 9:00 a.m., National Board Exams
	August 14	Friday, SUMMER CLINIC ENDS
	August 18	Tuesday, 12:00 noon, Summer Quarter grades due for dental and dental hygiene courses
	August 21	Friday, SUMMER GRADUATE QUARTER ENDS
	August 24	Monday, 12:00 noon, Summer Graduate Quarter grades due
	August 24-28	Summer Quarter recess for graduate students
	August 26-27	Wednesday and Thursday, 9:30 a.m., Orientation, registration and payment of fees for first-year dental students
	August 27	Thursday, 9:30 a.m., Orientation, registration and payment of fees for junior dental hygiene students
	August 28	Friday, 9:00 a.m., Registration and payment of fees for second-year dental students
	August 31	Monday, 8:00 a.m., FALL QUARTER BEGINS
	August 31-September 4	Registration and payment of fees for graduate students, third- and fourth-year dental students, senior dental hygiene students
	September 7	Monday, Labor Day Holiday
	November 13	Friday, 5:00 p.m., FALL QUARTER INSTRUCTION ENDS
	November 16-20	Fall Quarter examination period
	November 23-27	Fall Quarter recess
	November 24	Tuesday, 12:00 noon, Fall Quarter grades due
	November 30	Monday, 8:00 a.m., WINTER QUARTER BEGINS
	November 30-December 4	Registration and payment of fees
	December 7-8	Monday and Tuesday, 9:00 a.m., National Board Exams
	December 18	Friday, 5:00 p.m., Christmas recess begins
1993	January 4	Monday, 8:00 a.m., Classes resume
	January 18	Monday, Martin Luther King, Jr. Day Holiday
	February 26	Friday, 5:00 p.m., WINTER QUARTER INSTRUCTION ENDS
	March 1-5	Winter Quarter examination period
	March 8-12	Winter Quarter recess
	March 9	Tuesday, 12:00 noon, Winter Quarter grades due
	March 15	Monday, 8:00 a.m., SPRING QUARTER BEGINS
	March 15-19	Registration and payment of fees
	March 29-30	Monday and Tuesday, 9:00 a.m., National Board Exams
	April 21	Wednesday, Student Clinic Day
	May 28	Friday, 12:00 noon, grades due for graduating students
	May 28	Friday, 5:00 p.m., SPRING QUARTER INSTRUCTION ENDS
	May 31	Monday, Memorial Day Holiday
	June 1	Tuesday, p.m., Graduation announcement for graduating students
	June 1-4	Spring Quarter examination period (except graduating students)
	June 4	Friday, 7:00 p.m., BACCALAUREATE SERVICE
	June 5	Saturday, 10:00 a.m., GRADUATION EXERCISES
	June 8	Tuesday, 12:00 noon, Spring Quarter grades due for all other students

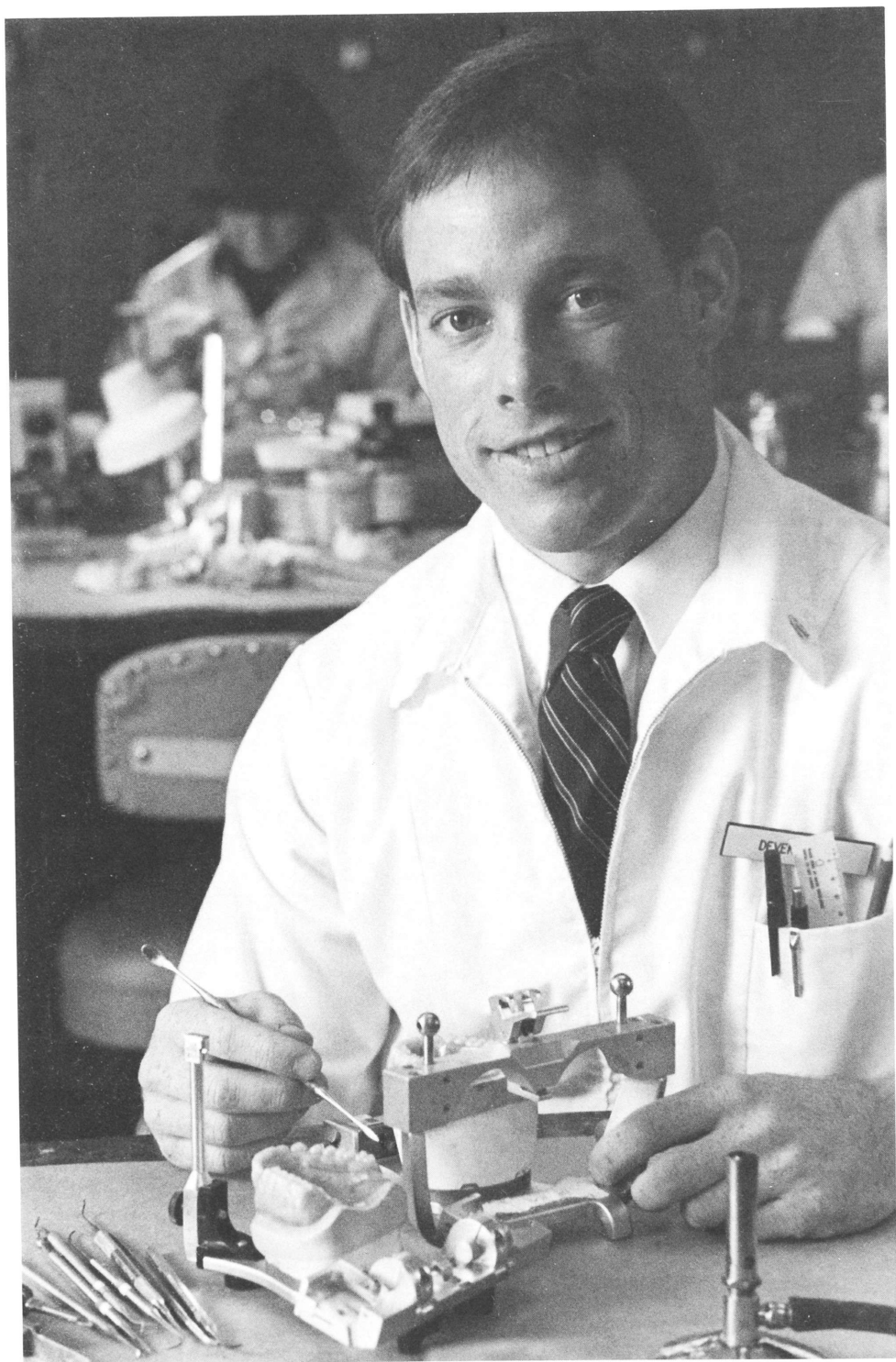
CALENDAR 1993-94

1993

June 21	Monday, SUMMER CLINIC AND GRADUATE QUARTER BEGIN
June 21-25	Registration and payment of fees
July 5	Monday, Independence Day Holiday
July 12	Monday, 9:00 a.m., National Board Exams
August 13	Friday, SUMMER CLINIC ENDS
August 17	Tuesday, 12:00 noon, Summer Quarter grades due for dental and dental hygiene courses
August 20	Friday, SUMMER GRADUATE QUARTER ENDS
August 23	Monday, 12:00 noon, Summer Graduate Quarter grades due
August 23-27	Summer Quarter recess for graduate students
August 25-26	Wednesday and Thursday, 9:30 a.m., Orientation, registration and payment of fees for first-year dental students
August 26	Thursday, 9:30 a.m., Orientation, registration and payment of fees for junior dental hygiene students
August 27	Friday, 9:00 a.m., Registration and payment of fees for second-year dental students
August 30	Monday, 8:00 a.m., FALL QUARTER BEGINS
August 30-September 3	Registration and payment of fees for graduate students, third- and fourth-year dental students, senior dental hygiene students
September 6	Monday, Labor Day Holiday
November 12	Friday, 5:00 p.m., FALL QUARTER INSTRUCTION ENDS
November 15-19	Fall Quarter examination period
November 22-26	Fall Quarter recess
November 23	Tuesday, 12:00 noon, Fall Quarter grades due
November 29	Monday, 8:00 a.m., WINTER QUARTER BEGINS
November 29-December 3	Registration and payment of fees
December 6-7	Monday and Tuesday, 9:00 a.m., National Board Exams
December 17	Friday, 5:00 p.m., Christmas recess begins

1994

January 3	Monday, 8:00 a.m., Classes resume
January 17	Monday, Martin Luther King, Jr. Day Holiday
February 25	Friday, 5:00 p.m., WINTER QUARTER INSTRUCTION ENDS
February 28-March 4	Winter Quarter examination period
March 7-11	Winter Quarter recess
March 8	Tuesday, 12:00 noon, Winter Quarter grades due
March 14	Monday, 8:00 a.m., SPRING QUARTER BEGINS
March 14-18	Registration and payment of fees
March 21-22	Monday and Tuesday, 9:00 a.m., National Board Exams
April 20	Wednesday, Student Clinic Day
May 27	Friday, 12:00 noon, grades due for graduating students
May 27	Friday, 5:00 p.m., SPRING QUARTER INSTRUCTION ENDS
May 30	Monday, Memorial Day Holiday
May 31	Tuesday, p.m., Graduation announcement for graduating students
May 31-June 3	Spring Quarter examination period (except graduating students)
June 3	Friday, 7:00 p.m., BACCALAUREATE SERVICE
June 4	Saturday, 10:00 a.m., GRADUATION EXERCISES
June 7	Tuesday, 12:00 noon, Spring Quarter grades due for all other students



ADMINISTRATIVE STRUCTURE

The administrative authority for Baylor College of Dentistry is vested in a Board of Trustees which meets semiannually and is composed of thirty-two members. An Executive Committee composed of fifteen Board members represents the Board of Trustees on all interim administrative affairs and meets bimonthly. The President of the College is the chief executive officer and is responsible to the Trustees for the administration of all programs and associated activities.

Board of Trustees

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*Mrs. Betty Jo Hay, Vice Chairman

*Mr. John R. Bunten, Secretary

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 *Officers for 1992

Officers of Administration

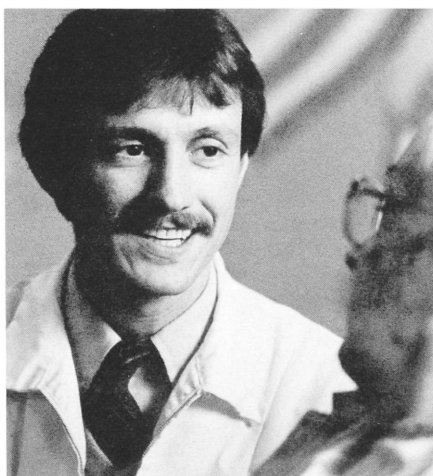
Dominick P. DePaola, B.S., D.D.S., Ph.D. President and Dean
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 Studies and Research
 James O. Henry, Jr., B.S., D.D.S. Assistant Dean for Student Affairs
 John F. Nelson, B.S., D.D.S., M.Ed. Assistant Dean for Clinical Affairs
 R. Gilbert Triplett, D.D.S., Ph.D. Assistant Dean for Hospital Affairs

Supporting Service Departments

Administrative Services John J. Stephens III, B.A., M.A., Ph.D., Director
 Admissions and Academic Records Betty J. Scott, B.A., Registrar
 Alumni and Public Relations Nell Coyle, Assistant Director
 Business Office Billy D. Malesovas, B.B.A., Controller
 Educational Services Laurette F. Lipson, B.S., M.N.Ed., Chair
 Library Barbara A. Downey, M.Ed., M.S.L.S., Director
 Minority Affairs Claude Williams, B.S., D.D.S., Director
 Personnel John J. Gilbert, B.B.A., Director
 Physical Plant Jerry E. Walker, Director
 Purchasing Kenneth D. Lambert, B.S., M.Ed., Director
 Student Aid Mack W. Hampton, B.B.A., Director



COLLEGE OF DENTISTRY





GENERAL INFORMATION

HISTORY

Baylor College of Dentistry traces its beginnings to the State Dental College, a dental educational institution chartered by the State of Texas in 1905. When the College became a part of Baylor University in 1918, it was renamed Baylor University College of Dentistry. The College continued as a unit of Baylor University until August 1, 1971. At that time it became Baylor College of Dentistry, a private, nonprofit, nonsectarian corporation chartered by the State of Texas to conduct educational programs in dentistry and related fields. The College maintains a contractual agreement with the Coordinating Board of the Texas College and University System.

STATEMENT OF INSTITUTIONAL MISSION

The mission of Baylor College of Dentistry is to provide an exemplary education to dental professionals and scientists in the pursuit of life-long learning, to advance all basic and clinical research with emphasis on the diagnosis, prevention and treatment of oral diseases, and to offer superior health care services to the community within the boundaries of a socially sensitive, collegial and dignified academic environment. The College accepts its responsibility as a leader in health professions education,

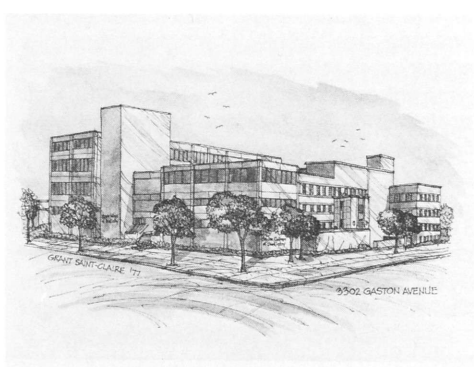
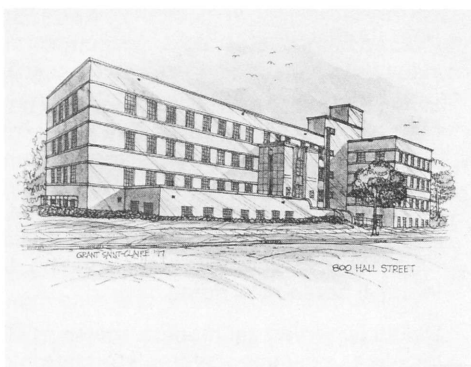
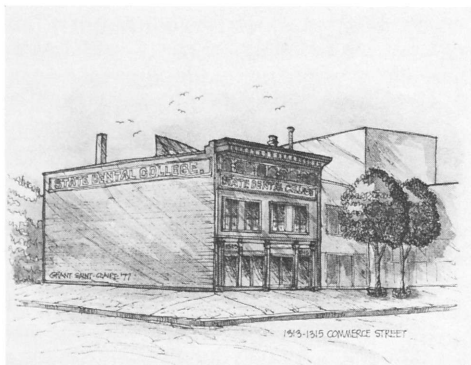
in shaping the future of dental medicine and science education, and in seeking innovations in science, technology, and health care delivery and management.

STATEMENT OF INSTITUTIONAL PURPOSE

Baylor College of Dentistry is an independent, state-assisted institution dedicated to (1) nurturing excellence in the education of students to enter the professions of dentistry and dental hygiene; (2) offering advanced educational programs in dentistry and basic sciences; (3) providing a broad spectrum of oral health care education and service to the public; (4) offering a wide range of service and educational programs to the practicing profession; and (5) conducting research to enhance scientific understanding and expansion of knowledge in the biomedical and clinical sciences, with emphasis on the diagnosis, prevention and treatment of oral diseases. The College is non-sectarian and adheres to the principle of equal opportunity.

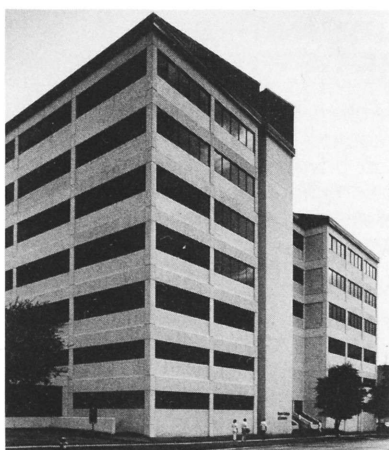
The College is committed to a leadership role in academics through creative curricular development, while acknowledging, recruiting and accommodating a diverse student body. The academic programs in the basic biomedical and clinical sciences are expected to provide a responsive environment that challenges and guides the students toward excellence in their quest for knowledge, motivates them to perform at a level commensurate with their potential, develops a profound sense of ethical concern and responsibility for others, and instills in the students the spirit of an interdisciplinary/multidisciplinary approach to education, research, treatment and life-long learning. The College is further committed to conducting outstanding graduate and postgraduate programs to provide advanced educational experiences in general dentistry, the dental specialties and the basic sciences.

Baylor College of Dentistry is committed to an environment of inquiry that encourages the collegial free exchange of ideas and stimulates faculty and students at all levels to pursue new scholarly activities. The publication of research results and ad-



vances in teaching methodologies is expected of faculty and encouraged for students, making new information available for improvement of both the curriculum and clinical practice. Further, the College is committed to providing leadership in dental education and research at national and international levels.

The College is committed to serving the public through its clinical and community programs by providing the highest level of oral health education and care consonant with the educational objectives of the College. Additionally, the College provides service to dental professionals as well as opportunities to broaden their knowledge and skills through continuing education programs, offering the latest advances in science and technology for rapid transfer of technological and scientific advancements to the practicing community and thus to the public.



EDUCATIONAL OBJECTIVES OF THE PREDOCTORAL PROGRAM

The predoctoral experience at Baylor College of Dentistry is characterized by an en-

vironment, curriculum, faculty and learning process that prepare individuals to promote oral and general health to the highest level. This educational experience involves the teaching and learning of a combination of scientific and technical knowledge, clinical judgement, professionalism, and social sensitivity. The educational process is directed toward the development of broadly competent practitioners and encourages both clinical and basic science research in order to instill an appreciation of biomedical research and a spirit of inquiry in each student. The outcome of the College's mission is to educate and train a biologically oriented, technically competent, socially sensitive practitioner of dental medicine who adheres to the highest standards of professional conduct and ethics and who can function effectively as a member of the nation's health care delivery system.

The College recognizes the need to support excellence in its educational programs by acquiring and maintaining a highly qualified faculty, the best and brightest students, excellent physical facilities and a curriculum that is contemporary, comprehensive, efficient and effective.

OPPORTUNITIES IN DENTISTRY

Dentistry offers many career opportunities. Most graduates of the College choose to engage in private practice as dentists or hygienists. Other graduates may pursue their profession in one or more of the following areas:

- Hospital clinics
- Industrial clinics
- Public health agencies (local, state, or national)
- Federal government agencies (Veterans Administration, military services, etc.)
- Dental education (as teachers, researchers, or administrators)
- Consultantships (to insurance carriers or to other health care professionals)
- Commercial companies (professional products development and manufacture)

LOCATION

The Dallas-Fort Worth Metroplex is an area noted for the vigor, optimism and friendliness of its population. The ever-changing skyline reflects the continuing growth of the area.

Opportunities for educational, cultural and religious enrichment are numerous. Within a 100-mile radius of Dallas are more than 40 colleges and universities. Dallas has professional theater, opera, symphony and dance companies. Among the many museums and galleries in the area, the Dallas Museum of Art has received international acclaim for both its design and its exhibits.

For sports enthusiasts, Dallas has professional and college football, basketball, baseball and soccer teams. The Metroplex annually hosts competitions in golf, tennis, bowling and track and field that attract many of the world's best athletes. Numerous lakes and parks provide recreational opportunities for boating, fishing, swimming, jogging, biking and horseback riding.

Dallas is served by modern transportation facilities, including several interstate highways and the Amtrak rail system. Dallas/Fort Worth International Airport, with many major and feeder airline connections, is one of the busiest air terminals in the nation.

Baylor College of Dentistry is centrally located in the city of Dallas, about one mile east of the downtown business district. This is an area where restored historic homes and fashionable new homes create pleasant neighborhoods. The renovated State Fairgrounds and the downtown arts district with its world-class concert hall and art museum help make this part of Dallas an exciting place to live and work.

This area is also the location of Baylor University Medical Center with its five hospitals, together with other health care units. Baylor College of Dentistry is within the Medical Center complex, although it is a separately operated corporate entity.

FACILITIES

The physical facilities of the College provide an environment for learning that meets the special requirements of professional educa-

tion in the dental and dental hygiene professions. The College facilities include an eight-floor academic building, a second building designed for seminars and small group meetings, the Baylor Health Sciences Library, and a multi-level parking garage and other parking areas for students, staff, and faculty.

The academic building provides approximately 250,000 square feet of modern, comfortable, and well-equipped lecture halls, teaching and research laboratories, clinics, faculty offices, and specialized areas for patients and students. The building surrounds a skylighted, ground-level atrium for relaxation and conversation. The atrium adjoins a food service area and lounge with conveniently located locker rooms for students.

Three large lecture halls are available for formal class lectures. Each hall is furnished with custom-designed audiovisual equipment and is ramped to improve visibility. Several smaller classrooms are used for seminars and small-group instruction.

Pre-clinic and basic science laboratories give students valuable hands-on experience with lecture and textbook concepts. Clinic laboratories separate from patient clinics give students the space and facilities needed for clinic-related work, such as making of dentures, bridges, and crowns. In addition, professionally trained dental technicians and a fully equipped dental laboratory help students with advanced work and give students experience in working with a professional laboratory.

The ten dental clinics, adjoining patient reception and waiting areas, and the offices and laboratories of clinic departments occupy six floors of the building. The clinic design gives students an environment in which to work that resembles a modern private dental office, with all the advantages of self-contained equipment and careful attention to patient comfort and privacy. However, the design of the cubicle enclosure also permits easy communication between students and clinic instructors.

Most basic science department offices and research laboratories are located together on a single floor to encourage scholarly activi-

ty and exchange of information. The research equipment includes both scanning and transmission electron microscopes, a modern research quality optical microscope, a well-equipped facility for research in dental materials science, a walk-in refrigerated laboratory for low-temperature projects incubators for cultures of tissues and microorganisms, and an accredited facility for housing and treating small animals used in teaching and research. Clinical faculty members make increasing use of research facilities in independent studies and as part of teams comprised of both basic science and clinical investigators.

The College administrative offices on the fifth floor includes the offices of the Registrar and Assistant Dean for Student Affairs, the business office, personnel office, student aid office, the office of the Assistant Dean for Graduate Studies and Research, and the office of the College President and Dean.

Various support facilities are also on this level, including computer facilities for the College administration and for student/faculty use. The Department of Educational Services provides instructional design specialists, graphic designers, photographers, and artists for the design and production of teaching and publication materials. A fully equipped television studio can transmit live instruction to every lecture room or record information in cassette form for self-paced student review.

The Continuing Education Center is on the sixth floor, where short courses are presented throughout the year for the dental profession and auxiliaries interested in updating their knowledge. The twenty-chair Acton Dental Clinic and a fully equipped dental laboratory are available for participation courses. A large lecture hall, a smaller classroom, food service facilities, large reception area, and administrative offices complete the Center facilities.

One entire 14,000-square foot floor is reserved for expansion of teaching and research facilities as future trends in dental education dictate.

The facilities of Baylor College of Dentistry are complemented by arrangements with pri-

vate dental offices in the North Texas area and various community agencies whereby students gain specialized experience in short term extramural rotations. Institutions in the Dallas Metroplex area that are affiliated in this way with the College include Baylor University Medical Center, Children's Medical Center, Denton State School, Parkland Memorial Hospital, Texas Scottish Rite Hospital for Crippled Children, the University Affiliated Center, and the Veterans Affairs Medical Center.

LIBRARY

The Baylor Health Sciences Library meets the academic and professional information needs of students, faculty, and staff by providing ready accessibility to current and comprehensive information sources and services. The library contains approximately 36,000 volumes and 600 current journal titles. In addition, some 2,000 volumes comprise the Sellars' Collection of rare books in medicine, religion, and art.

College membership in the Association of Higher Education of North Texas permits access to materials in all major college and university libraries in the area. Online access is available to databases, such as those in MEDLARS from the National Library of Medicine, in DIALOG Information Services, and in NIDR ONLINE at the National Institute of Dental Research. The library subscribes to CD-PLUS, an offline service of the National Library of Medicine that is updated monthly.

AUDIOVISUAL LEARNING CENTER

The Audiovisual Learning Center is located in the Library. The library staff supervises the center, and the Department of Educational Services manages the materials and equipment. The center houses microscopes and microfiche readers, microcomputers, video cassette players/recorders, and carousel slide projectors that can be synchronized with audio tape players or recorders. Many of the instructional materials available in the center have been developed by College faculty to support the instructional program.

EDUCATIONAL SERVICES

The Department of Educational Services offers a wide range of teaching and research support, including the planning, design, and production of educational and audiovisual materials, course manuals, publications, exhibits, table clinics, and computer-assisted instruction programs. Assistance to students is available for study skills development, table clinic presentation, research project proposals, reports, and other college-related presentations.

ALUMNI AND PUBLIC RELATIONS

Baylor College of Dentistry alumni have distinguished themselves in community service wherever they have located throughout the United States, often taking leadership roles in local, state, and national professional societies. The College's Office of Alumni and Public Relations is responsible for coordinating the activities of the Alumni Association and the Century Club as well as publishing the following:

The *Baylor Dental Journal* is published semi-annually and sent to alumni, pre-dental advisors, colleges, universities, dental schools and medical centers.

The *Baylor Burr*, the college yearbook, presents various phases of school activities.

The *Baylor Dental Record* is a monthly newsletter of the College which features news of faculty and student activities.

ALUMNI ASSOCIATION

Baylor College of Dentistry alumni provide support to the College through the many activities and programs sponsored by the Baylor Dental Alumni Association. Membership in the association is available to all who have received a degree in dentistry or dental hygiene, and to those who have received degrees and certificates in the advanced education programs.

Programs and awards sponsored by the Association are: The Teacher-of-the-Year Award; the Distinguished Alumnus Award; and the Sponsor-A-Senior Program in which fourth-year students are matched with prac-



ticing dentists who help them make the transition from student to professional life. The Association's Alumni-Senior Banquet in the spring provides upcoming graduates the opportunity to visit with alumni.

Highlights of the year are the alumni reception and luncheon which are held in conjunction with the Texas Dental Association meeting in the spring, and Homecoming, which occurs in the fall. Homecoming activities include the Charles F. Bouschor Lectureship, a continuing education program in honor of Dr. Bouschor, Professor Emeritus of Operative Dentistry, a reunion banquet and an open house at the college.

Other social activities sponsored by the Association are receptions and luncheons at

the American Dental Association's annual meeting and at meetings of other associations in the state.

CENTURY CLUB

The Baylor Dental Century Club is an organization of alumni and friends of the College who contribute a minimum of \$100 each year. Century Club funds are used for the acquisition of special equipment for the teaching and research programs.

The Century Club established the McCarthy Associates in honor of former Dean Harry B. McCarthy. A contribution of \$250 or more each year is the requirement for membership in the McCarthy Associates.



ADMISSIONS

REQUIRED COURSES

A minimum of 60 semester hours is required for admission.

Required courses include:

	Minimum Semester Hours
English	6
Inorganic Chemistry	8
Organic Chemistry	8
Physics	8
Biology (16-20 hours recommended)	8

In order to meet the minimum requirement of 60 semester hours, students are permitted to major in the field of their choice. Some courses which have proven very advantageous include embryology, psychology, sociology, business management, speech, foreign language, reading improvement, and mechanical drawing.

Students entering without a bachelor's degree, but who have met specific requirements at some colleges, may qualify for a combined academic degree from their undergraduate college or university. Details concerning this type of degree must be negotiated with the specific college, and the only role of Baylor College of Dentistry is to provide the necessary transcripts.

DENTAL ADMISSION TEST

Applicants are required to take the American Dental Association Admission Test and to make an acceptable score. The test is given in April and October. It is highly desirable that this test be taken in April prior to submitting the application so that the test scores will be available to the Committee on Admissions when the application is processed. A brochure explaining this testing program and an application for taking the test may be obtained from the Office of the Registrar.

PROCEDURE FOR MAKING APPLICATION

- Request application materials from the Office of the Registrar
- Although there is no deadline for applying, it is to the applicant's advantage to apply in June, July, or August. Baylor participates in the American Association of Dental Schools Application Service for out-of-state applicants only.
- The following must be included with the application:
 - A list of courses in progress
 - A list of future courses
 - A biographical sketch
 - Application fee
 - Photograph
- An application is valid for one academic year only.
- Transcripts must be sent from each academic institution the applicant has attended. These must come directly from the colleges. High school transcripts are not required. It is to the applicant's advantage to check periodically with the Office of the Registrar regarding the completeness of the file. Failure to supply transcripts or recommendations is perceived as an indication that the applicant is no longer interested in admission. Dental Admission Test scores must be sent directly from the American Dental Association.
- Recommendations are required from the following:

- The Preprofessional Advisory Committee
- A dentist
- An individual who knows the applicant well

have done to improve manual dexterity and to show an imaginative, creative ability

- A statement concerning the community service projects in which you have participated
- Information concerning your skills, abilities, and attitudes that have motivated you to make the commitment required for a career in dentistry

RESIDENCY

Each student is responsible for declaring a legal state of residency at the time of application. Any changes in residency status are considered by a committee on an individual basis and are made only once a year, prior to registration for the fall quarter. Information and forms are provided by the Office of the Registrar and must be submitted by August 1 of each year.

In no case will an applicant be notified of acceptance before December 1 of the year prior to matriculation.

BASES FOR ACCEPTANCE

All applicants for admission will be considered without regard to race, color, creed, national origin, sex, or age. Qualified handicapped persons, capable of meeting the academic and technical standards essential to participation in the program, will receive equal consideration. The quality of scholarship is the first point of consideration. The grade point average (GPA) and the Dental Admission Test (DAT) are the primary factors used in this evaluation. An interview with the Admissions Committee is required before acceptance. Preference for admission is given to those students with:

INTERVIEWS

Processing of applications begins in July, and the procedure continues until the class is filled. When all materials have been received and evaluated, the applicant may be asked to come for an interview with the Admissions Committee. The interview gives the opportunity for evaluation of noncognitive factors. Good health, excellent eyesight, good manners, a pleasing personality, clean personal habits, manual dexterity, motivation toward dentistry, and genuine concern for human welfare are some of the factors considered.

- A GPA as high as possible
- Above-average scores in all areas of the DAT
- Careful attention given to details in filing the application
- Residency in Texas or the surrounding states which do not have a college of dentistry
- A comprehensive biographical sketch that includes:
 - Information that will help the Admissions Committee to know you better
 - Details about the procedures you have observed in a general practice dental office
 - A description concerning what you

Interviews are scheduled by the Office of the Registrar and are conducted from September through February. Although an official interview is not granted to all applicants, the College gladly provides complete information and counseling for all prospective students. Visits to the campus for conferences and observation of the facilities are the best ways to obtain information about the college.

TRANSFER STUDENTS

A student transferring from another dental school in the United States may be granted advanced standing at the discretion of the Committee on Admissions. Transfer students are considered only in unusual circumstances.

Applicants for transfer are required to submit the following:

- Reason for requesting transfer

- A letter of clearance or recommendation from the dean of the dental school attended
- Recommendation letters from a basic science and a clinical science department chairman or course director
- Transcripts of both predental and dental school courses
- A copy of the American Dental Association Dental Admission Test results

Further information concerning advanced standing may be obtained from the Office of the Registrar.

MATRICULATION AND REGISTRATION

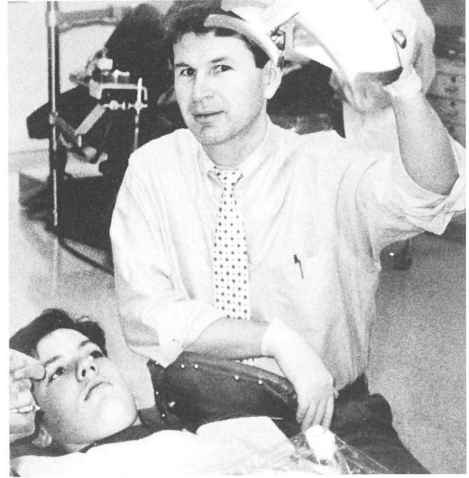
All students are required to register on the dates specified in the official school calendar. A matriculation fee of \$10.00 is required of every student upon first admittance to any program of the College. New students who fail to report for registration at the specified time may lose their place in the class, unless they have previously received permission for late registration.

Veterans who have obtained a certificate of eligibility should report to the Director of Student Aid for handling of veteran's benefits.

Detailed information about student aid and veteran affairs is available from the Student Aid Office.

PHYSICIAN'S STATEMENT

Before enrollment, the accepted applicant must return a completed physical examination form furnished by the school. Required immunizations are listed on the physical examination form.



FEES AND EXPENSES

TUITION

The tuition and fees for the students in the College are recommended by the Administration and are approved by the Board of Trustees. There may be adjustments as economic conditions warrant.

Resident, per quarter '92/'93	\$1,800.00
Non-resident, per quarter '92/'93	5,400.00
Summer clinic fee	120.00
Individual courses, per quarter hour	60.00
Audit fee, per quarter hour	25.00
* Combined fees for individual courses and audits will not exceed the cost per quarter for full-time enrollment.	

TUITION REFUND POLICY

Money applied to tuition and fees from the Admission Deposit is not refundable.

Withdrawal prior to the end of the tenth class day	75%
Prior to the end of the twenty-fifth class day	25%
After the end of the twenty-fifth class day	None

FEES AND DEPOSITS

Application: To accompany the application form for admission (not refundable)	\$15.00
Reapplication (not refundable)	5.00
Admission Deposit: Payable upon notification of acceptance as a student. The deposit	

will be applied to the tuition, but is not refundable	200.00
Matriculation	10.00
Graduation: Payable at the beginning of the quarter preceding graduation	25.00
Identification Card: Issued by the Office of the Registrar and required of all enrolled students	2.50
Health Clinic, per quarter	15.00
Activity, per quarter	10.00
Parking, per quarter	20.00
Duplicate Diploma	30.00
Lost Keys: Each replacement	3.00
Returned Check: Assessed for each check returned from the bank	10.00
Transcript: Incomplete copy (before degree) for grade report use, each copy	1.00
Complete copy (after degree) first copy free, each subsequent copy	2.00
Late Registration	25.00

Registration consists of payment of tuition and fees and the completion of specified forms; failure to complete either of these functions on the date designated for a specific class constitutes late registration. Presentation of a check for tuition and fees which does not clear for lack of funds will constitute late registration as well as a returned check fee. An additional late fee of \$10 will be charged for each additional week or portion thereof up to 30 days from the day classes begin. The student is automatically suspended from school if the tuition and fees have not been paid within 30 days after classes begin.

BOOKS, EQUIPMENT, AND SUPPLIES

Each student is required to purchase new textbooks and instruments as indicated by the official school lists. They are secured at the school on the day of registration and become the personal property of the student. The deletion of any item from individual purchase requires the signature of the chairman of the Textbook Committee or the Instrument Committee. Individual possession of these items affords a better opportunity for the learning process while at Baylor, and they will serve as the nucleus of a future dental office and library. All instruments and equipment must be maintained in good condition. Lockers are provided to store books and equipment. Insurance to cover possible loss of instruments is available. Technic materi-

al and supplies will need to be purchased from time to time for certain courses. This expense cannot be estimated accurately.

The estimated cost of books, instruments, skull and lab coat rental (first year), and supplies for the complete curriculum is listed below. The estimated cost for second-year students does not include the cost of clinic jackets (minimum of two required, approximately \$18.00 ea). When central sterilization is implemented, instrument cassettes will be rented to students beginning in the spring term of the second year and every term thereafter at \$15.00 per term. Hepatitis vaccination is offered by the College at reduced cost to students treating patients and is strongly recommended but not required. The initial cost is approximately \$120.00; the twelve-month retest costs \$12.00. The total for each year is due at the beginning of the fall quarter.

First Year	\$ 4,320.00
Second Year	7,811.00
Third Year	453.00
Fourth Year	100.00
TOTAL	\$12,684.00

FINANCIAL ASSISTANCE

The College participates in several types of loan and scholarship programs. All eligible applicants for student loans and scholarships will be considered without regard to race, color, creed, national origin, sex, or handicap.

A needs analysis system approved by the federal government is used to evaluate the need for financial aid. Baylor uses the College Scholarship Service for this purpose. A parental contribution factor based on family resources is considered for dependent students. Most student aid is based on the premise that parents can and must contribute to the financial requirements.

By the authority of the Legislature of the State of Texas, Baylor College of Dentistry provides scholarship funds each year for Texas resident members of the entering first year class. These scholarships are for minority students and for students who will commit to practice in rural areas of Texas (Counties with a population of less than 50,000). Financial need will be the primary

criteria for these scholarships, and academic performance will be considered. A maximum of \$60,000 will be awarded each year with a maximum annual scholarship of \$6,000 per student.

Application for aid with confirmation of need should be submitted by May 1 each year the student is in school. Unusual circumstances affecting need may be considered at other periods during enrollment. Students must keep the Director of Student Aid informed as to changes in financial need. Examples: student who marries, separates, takes a part-time job, parent that becomes disabled, etc.

Graduating students who have had loans must have an exit interview during the month of May and must inform the Business Office of address changes during the repayment period for the loan. Periodic statements are provided indicating amounts due to retire student loans. The debtor is expected to correspond with the Student Aid Office if irregularities in payments are anticipated. Repayment and deferment opportunities will be made available to the graduate when appropriate.

HEALTH SERVICES

Routine medical services are provided for students in order to help maintain good health standards. Medical services that cannot be managed in the health clinic will be referred elsewhere. These referral services are not covered by the health clinic fee. A student health insurance plan is available on an optional basis. Dental services are available in our clinics.

HOUSING

Off-campus apartments and other housing facilities are available, but are not provided by the College of Dentistry. The College does not inspect or approve listings; however, the Student Aid Office will offer assistance in locating accommodations.

OFFICE OF MINORITY AFFAIRS

The Office of Minority Affairs assists in the recruitment and retention of minority faculty and students. Programs of enrichment and

support for minority undergraduate and graduate students are developed by this office.

Selected students are offered a summer program that surveys the basic health science courses and the clinical aspects of general dentistry and the dental specialties. They also learn test-taking and study skills and how to use the health sciences library. They become acquainted with the Scanning Electron Microscope (SEM) as a tool in dental research. In addition, if they have not already taken it, they are helped to prepare for the Dental Admission Test (DAT), which is required for admission to dental school.

This support system aids minority students in making application for admission, acquiring skill in personal interviews, applying for scholarships and financial aid, and getting academic and personal counseling.

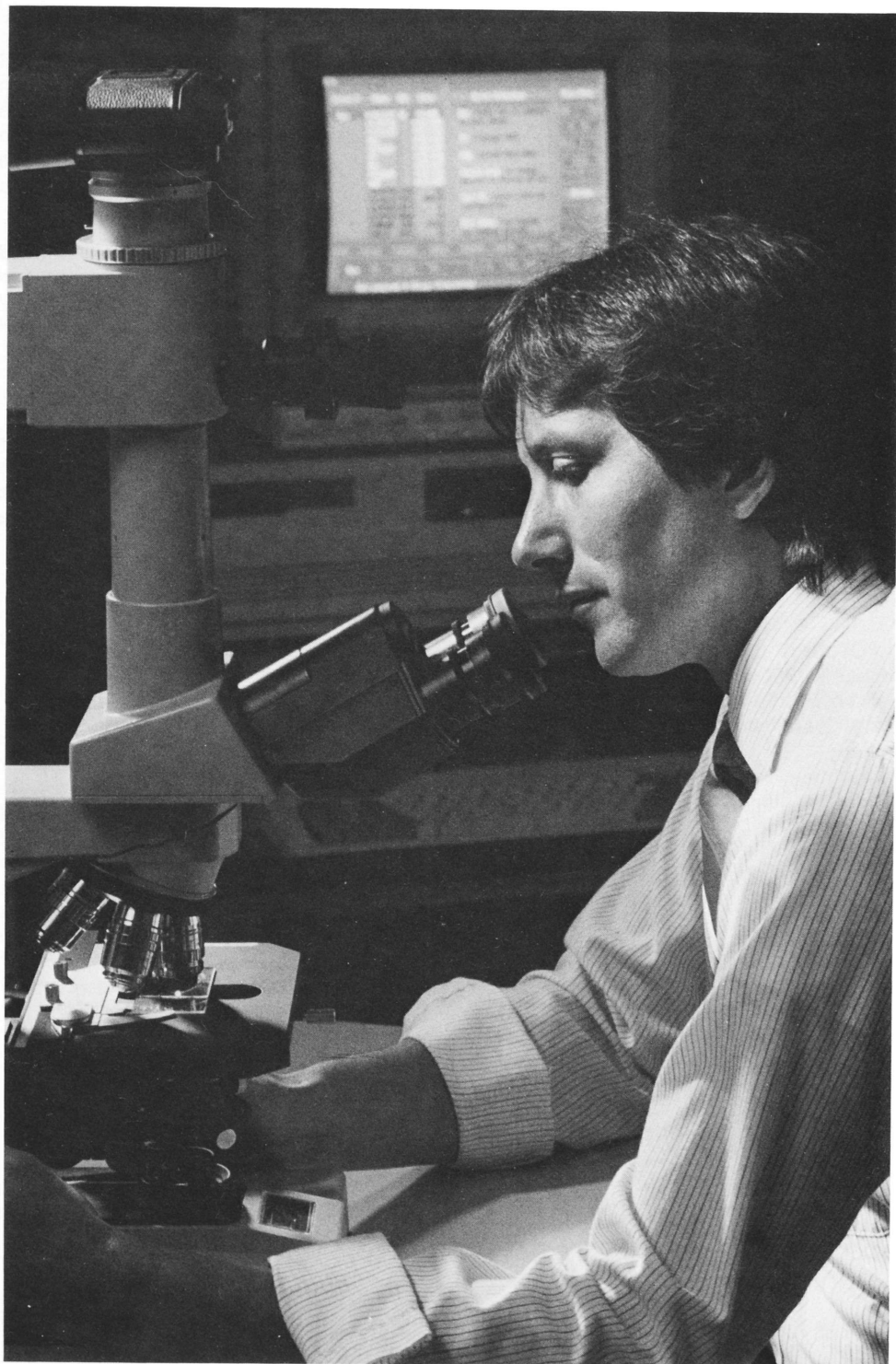
STUDENT ACTIVITIES

STUDENT COUNCIL

The Student Council is composed of the respective class presidents and two elected members from each of the dental and dental hygiene classes, the two elected American Student Dental Association representatives, and the two dental and one dental hygiene elected representatives to the American Association of Dental Schools. The purposes and objectives of the council are to represent the student body to the faculty, to coordinate, evaluate and present suggestions about problems which may arise in the laboratories and clinics, and to propose any change that might result in mutual improvement for the school and the students.

AMERICAN STUDENT DENTAL ASSOCIATION

Students at Baylor may become members of the American Student Dental Association and receive the monthly Journal and other membership benefits. Student membership should encourage graduates to become active in their local dental societies. Two delegates are elected to represent Baylor to the American Student Dental Association.



AMERICAN ASSOCIATION OF DENTAL SCHOOLS

The Association is the official body that represents the interests of individuals and institutions engaged in dental and dental auxiliary education. Through councils, committees, and sections, each member can participate in the process of dental education. Members receive the Association's publications. Three students—two dental, one dental hygiene—are elected to represent Baylor on the Council of Students.

INTERNATIONAL/AMERICAN ASSOCIATION FOR DENTAL RESEARCH

Students may start early in their dental careers to work with faculty members on research projects. This is done through the student research chapter of the American Association for Dental Research (AADR). Research has become an integral part of quality dental education. At Baylor College of Dentistry, postdoctoral dental students are required to complete a research project as part of their academic experience. Predoctoral dental and dental hygiene students are encouraged and given every opportunity to become involved in research. Research fellowships are granted to predoctoral dental and dental hygiene students whose written proposals are approved by the Research Committee of the College. Students have the opportunity to present their research findings at the annual Table Clinic Day as well as at state, national and international research competitions and professional meetings.

Information is available through the Student Research Group of the American Association for Dental Research (AADR).

TEXAS ASSOCIATION OF WOMEN DENTISTS

The Baylor Chapter is composed of students with an interest in this organization.

AMERICAN SOCIETY OF DENTISTRY FOR CHILDREN

The Baylor Chapter is composed of students with a special interest in pediatric dentistry.

FRATERNITIES

Professional fraternities are a part of the College of Dentistry activities. Four national dental fraternities are represented through local chapters—Lambda Lambda Chapter of Delta Sigma Delta, Delta Psi Chapter of Psi Omega, Alpha Phi Chapter of Xi Psi Phi, and the Alpha Chi Chapter of Alpha Omega.

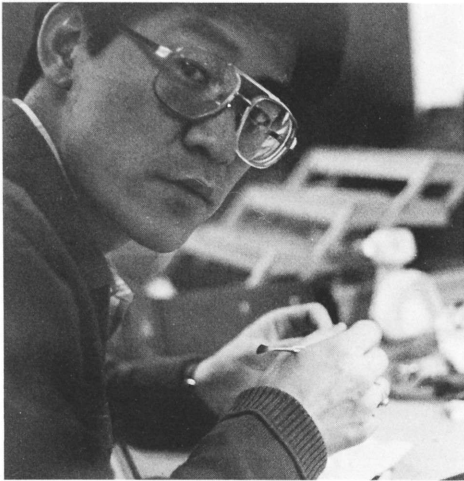
A student accepting fraternity membership automatically assumes financial obligations and shall be so notified by the fraternity. These obligations are considered part of the total commitment to the school.

STUDENT WIVES CLUB

Participation in this group offers a support system for members and students. Details about the club and the variety of activities it sponsors are given to new students at registration.

ATHLETICS

The College sponsors teams in softball, basketball, volleyball, football, and soccer leagues. Over the years, many Baylor students have been outstanding athletes, and several league championships have been won. Any interested student is permitted to try out for teams. Baylor participates in the Texas Dental School Olympics in which students from the three Texas schools compete in various athletic events. Alternate sites of Dallas, Houston, and San Antonio are used on an annual basis. Students who are interested in membership in the Baylor Fitness Center, which is part of the Tom Landry Center for Sports Medicine and Research Center on the adjacent Baylor University Medical Center campus, may join for a nominal monthly fee.



POLICIES AND REGULATIONS

Policies and regulations are formulated by the administration for the benefit of all concerned. The Dean, the Assistant Dean for Student Affairs, and members of the faculty provide counseling and guidance in academic and personal matters. If problems arise, students are urged to seek early assistance.

ATTENDANCE

Regular attendance in all courses is strongly encouraged. Attendance may be required in specific courses at the discretion of each course director. If so, the attendance policy and the effect of poor attendance on grading must be stated in writing at the beginning of the course. The College administration will support the attendance guidelines established for each course. This policy toward attendance makes the student responsible for management of the time required to master the information presented in each course.

DRESS CODE

Baylor's philosophy is that individual dress and grooming directly affect patients, visitors, fellow students, staff, and faculty, as well as the entire profession of dentistry. Therefore, faculty, staff and students are expected to be well-dressed and meticu-

lously groomed. Most patients expect to be treated by individuals who present a professional image. Details about the dress code are available from the office of the Assistant Dean for Student Affairs.

CONDUCT

All students at Baylor College of Dentistry are expected to uphold the highest standards of moral and ethical conduct. Personal integrity, respect, courtesy, good manners, and genuine concern for others are integral characteristics of a professional person and should be practiced at all times. The appearance of a student, the relationship with faculty and peers, the care and handling of patients, and the proper care of school equipment are all important to the student's progress.

The use of intoxicating beverages on college property or the use, possession, or sale of any illegal drugs on or off college property is included in conduct subject to disciplinary action as addressed in the due process statement. Violation of any provision of federal, state, or local laws may be subject to disciplinary action, including expulsion, notwithstanding any action taken by civil authorities because of the violation. Any student may be dismissed for improper conduct, following due process.

DUE PROCESS

The right for students to be heard in academic and disciplinary matters has been ensured by the guidelines in Baylor College of Dentistry's Academic and Disciplinary Due Process for Students. Details about types of conduct subject to disciplinary action and the due process procedures are available from the office of the Assistant Dean for Student Affairs.

EMPLOYMENT

Students are discouraged from holding any outside employment which may be detrimental to the pursuit of their education. All students who are employed must notify the Registrar's Office, stating the hours and days of work and the place of employment. In no case may a student accept a position which conflicts with regularly scheduled

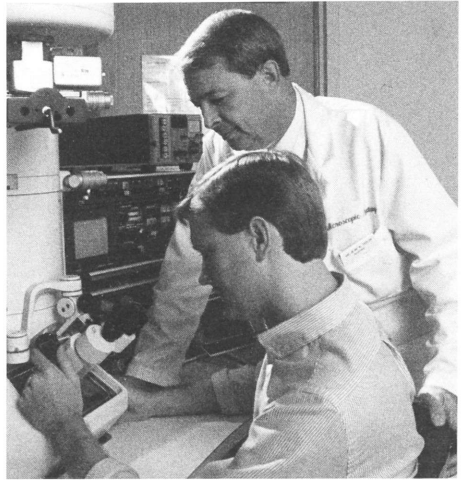
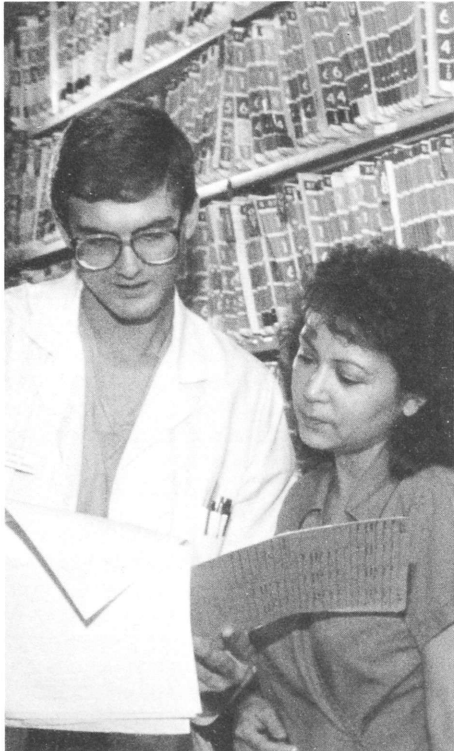
school hours. When scholastic progress is questionable, students may be asked to discontinue outside work.

TRANSCRIPTS AND RECORDS

Transcripts and other information from a student's academic records will be released by the Registrar only upon written request from the student or other person authorized by law and with payment of the appropriate fee. An exception may be made in response to a subpoena or a court order. Baylor College of Dentistry is in compliance with the Family Educational Rights and Privacy Act of 1974 as amended.

CHANGE OF NAME

Students who have a change of name must notify the Registrar's Office by filing a change-of-name form. All grade reports, transcripts, diplomas, etc., are issued under the student's legal name as recorded in the Registrar's Office.



SCHOLARSHIP

GRADING SYSTEM

The Administrative Council has established the following grade scale:

Letter Grade	Numerical Grade Range	Grade Pts.
A	93-100	4.0
B+	90- 92	3.5
B	84- 89	3.0
C+	81- 83	2.5
C	75- 80	2.0
D	70- 74	1.0
F	69 and below	0.0
S	Satisfactory	0.0
U	Unsatisfactory	0.0
M	-	-

A - Excellent; B+, B - Good; C+, C - Fair;
 D - Poor; may require remedial work,
 F - Failure; I - Incomplete;, P - Pass;
 S - Satisfactory; U - Unsatisfactory;
 M - Modified Program

The grade of Incomplete is a temporary grade given when, for reasons beyond the control of the student, all course requirements are not met within the prescribed time. An incomplete must be removed in the academic quarter following termination of the course, or the termination of the part of the course for which the grade was given. Any of the permanent grades may be earned.

The grade of Incomplete will automatically become Failure if not removed within the prescribed time limits.

The standing of a student in any course is determined by means of examinations, attendance, personal observations, evaluations and professional judgment.

The right and responsibility to evaluate student cognitive and noncognitive abilities rest with the faculty.

STUDENT GRADES

Grades are distributed to students at the end of each quarter as follows:

- Dental - Office of Admissions & Academic Records
- Dental Hygiene - Department of Dental Hygiene
- Graduate - Department in which student is enrolled

PROMOTION

Policies on scholarship and promotions are established by the Dean and the Administrative Council. The Scholarship Committee, consisting of the Assistant Dean for Student Affairs and the faculty members responsible for courses in a given year, reviews the status of each student and makes decisions in conformity with the policy. Any exceptions to these policies require action by the Dean and the Administrative Council.

Students are eligible for unconditional promotion if they have passed all courses, exhibit satisfactory professional conduct and performance, and have earned a GPA as follows:

First to Second Year	2.00
Second to Third Year	2.00 cumulative
Third to Fourth Year	2.00 cumulative
Graduation	2.00 cumulative

Students who pass all subjects but who fail to meet the required GPA for unconditional promotion will either be dismissed or placed on academic probation for one year if the GPA falls within the ranges listed below.

First year	1.85-1.99
Second year	1.85-1.99 cumulative
Third year	1.85-1.99 cumulative

For students placed on academic probation, failure to earn a cumulative GPA of 2.00 by the end of the following year will cause the student to be subject to dismissal. Academic probation will be recorded on the transcript.

The Scholarship Committee reserves the right to recommend the dismissal of a student from school who, in its judgment, does

not show sufficient promise to justify continuance of the study of dentistry. This action can be taken regardless of grades, but only after written notice has been given to the student indicating the area(s) of deficiency with sufficient time to correct these areas.

With the approval of the Scholarship Committee, students who meet the required minimum GPA of 1.85, including all grades, may be permitted to repeat a maximum of two courses, with no more than ten (10) quarter hours of failure, for each of the first and second years, respectively, and two courses of clinical discipline areas for each of the third and fourth years, respectively.

For repeated courses, a minimum grade of C is required to remove each failure, and the cumulative GPA, which includes the F's after repeating the course(s), must be 2.00 or greater for unconditional promotion. A student who fails more than 25 quarter hours of courses will be subject to dismissal.

A student who receives a grade of F in the second year of dental school will not be allowed to begin clinical patient care other than diagnosis until all deficiencies are removed.

A student who does not meet all promotion requirements will automatically be subject to dismissal. With the approval of the Scholarship Committee, a student subject to dismissal may be allowed to repeat the academic year.

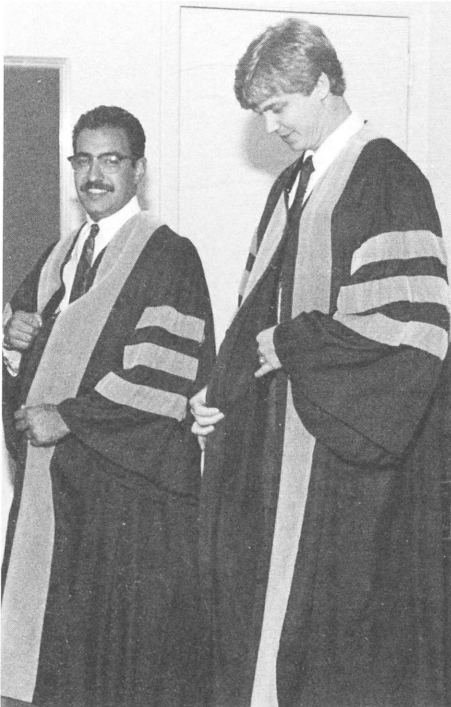


A student who repeats an academic year and receives a grade of F in any of the repeated courses will be subject to dismissal.

REQUIREMENTS FOR GRADUATION

A candidate for the degree of Doctor of Dental Surgery must have fulfilled the following requirements:

- Attained the age of twenty-one
- Demonstrated evidence of satisfactory moral and professional conduct
- Satisfactorily completed all of the prescribed courses of study
- Attained the required grade point average
- Be certified by the faculty as approved for graduation
- Be certified free of debts and obligations to the college



LICENSURE INFORMATION

NATIONAL BOARD EXAMINATION

The National Board Dental Examinations are constructed and administered by the Joint Commission on National Dental Examinations. They provide a good means of assessing the knowledge of examinees, since the same standardized examination is taken by students from every dental school in the United States and certain foreign countries. Almost universally, the results on these examinations are accepted as the written portion of examinations for licenses to practice in the various states.

National Board Examinations are divided into two sections. The Part I section on basic and preclinical sciences is given to students during their second academic year. The Part II section on clinical sciences is taken during the fourth academic year. During the 1980's, the record of Baylor students on both Part I and Part II examinations has been excellent. Baylor students have scored consistently above the average, when compared to students in the nearly 60 dental schools in which the examination is given. Baylor performance in the Part II examination has been especially noteworthy, which speaks well for Baylor's instruction in the clinical sciences.

The performance of the dental hygiene students on The National Board Dental Hygiene Examination has been excellent.

LICENSURE REQUIREMENTS

Graduation from an accredited dental school does not automatically grant a graduate the license to practice. Each state has its own dental examining board which is responsible for evaluating candidates for licensure. Written and clinical examinations are usually required. At present, most states accept satisfactory performance on the National Board Dental Examination in partial fulfillment of the requirement for a written examination.



AWARDS AND HONOR SOCIETIES

SCHOLASTIC AWARDS

The highest scholastic award is a **Gold Medal**, which is presented at graduation to the student who has attained the highest cumulative grade point average for the four years of study.

The four top-ranking students receive certificates in recognition of scholastic achievement. Other awards are presented to students who have demonstrated outstanding proficiency in selected subject areas of the curriculum.

OMICRON KAPPA UPSILON

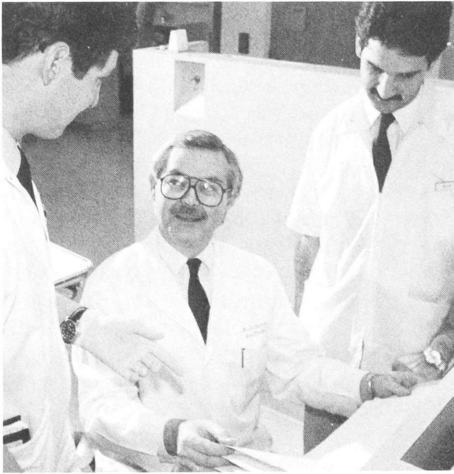
Omicron Kappa Upsilon (OKU) is the national dental honor society founded in 1914 for the purpose of promoting scholarship among dental students. The Omicron Chapter was established at Baylor in 1925. Only those students who rank in the upper 20 percent of the class qualify for consideration. A maximum of 12 percent of each graduating class is eligible for alumni membership. Selections are made after the second quarter of the fourth year by teachers who are members of the Society. Each newly elected member receives the key which is symbolic of the Society.

BAYLOR ODONTOLOGICAL HONOR SOCIETY

The Baylor Odontological Honor Society was founded in 1959 by a group of dental students. New members are elected to the Society from the upper 25 percent of the third-year class. Selections are made by the fourth-year members on the basis of scholastic excellence, character, and leadership. The Society provides the members with a means to supplement their education beyond the formal dental curriculum. Members enjoy fellowship during monthly dinner meetings where they are able to share ideas and hear a variety of speakers covering the many aspects of dentistry and the management of a practice.

DEAN'S HONOR LIST

Each year, dental and dental hygiene students are recognized for their excellent academic records by having their names placed on the Dean's Honor List. In addition, a special Dean's Cumulative Honor List recognizes fourth-year dental and senior dental hygiene students for all years of their academic performance at Baylor College of Dentistry. The requirement for inclusion on the Dean's Honor List is to rank in the upper 20 percent of the class in overall academic performance for the year. Dental and dental hygiene students included on the Cumulative Honor List must have achieved a cumulative grade point average that ranks in the upper 20 percent of their respective classes.



CURRICULUM

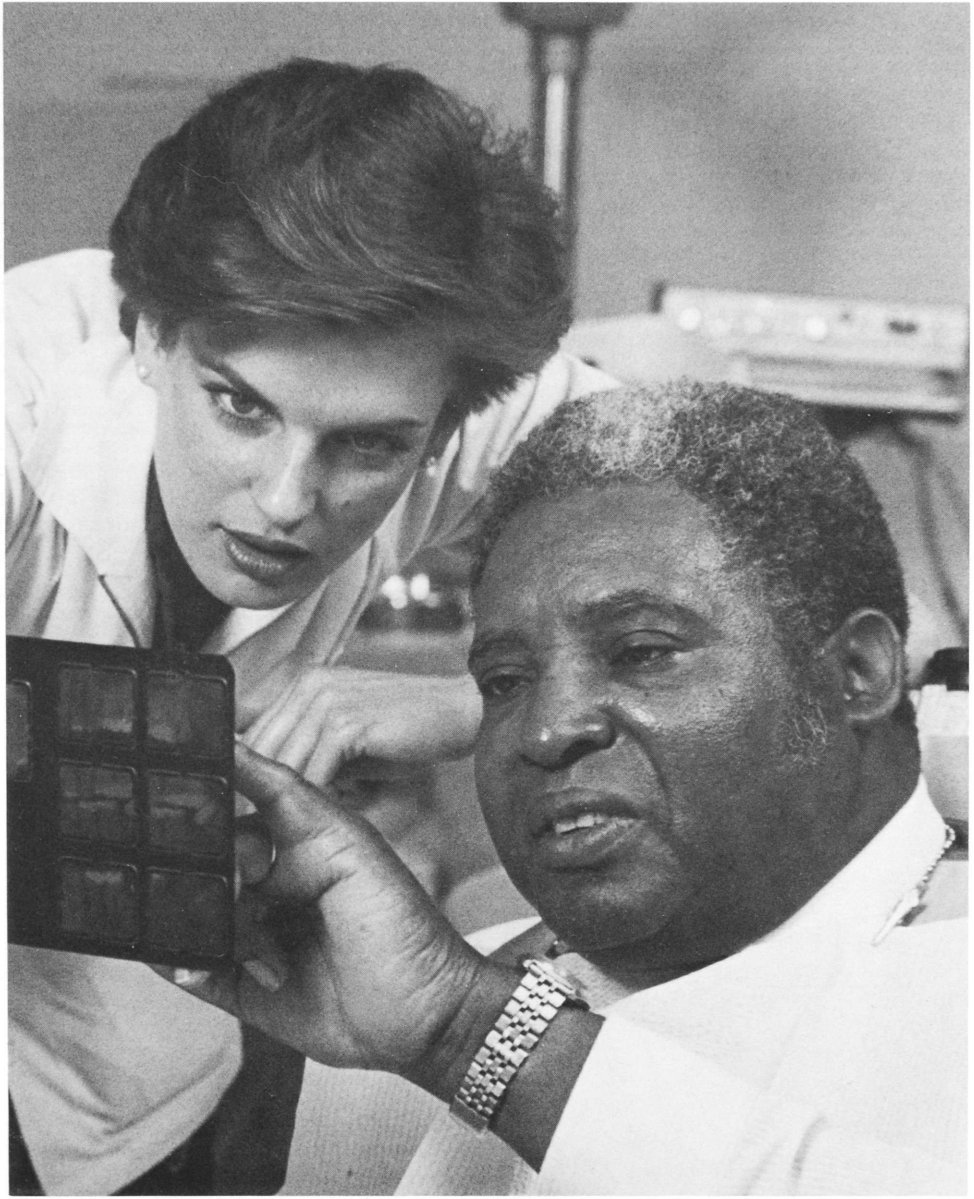
OBJECTIVES

The objectives of the predoctoral program are to educate and prepare students to:

- Acquire a broad contemporary perspective of the dental profession;
 - Attain proficiency in the diagnosis of diseases of the oral cavity and be capable of using appropriate techniques and services in evaluating oral health;
 - Utilize the knowledge of normal and abnormal human biology and psychology to develop individualized treatment plans;
 - Achieve competency in providing primary treatment;
 - Relate oral health and systemic health, and develop a concern for the overall health of the patient;
 - Incorporate the basic biological concepts of disease prevention and health promotion in the delivery of oral health care;
 - Attain effective clinical skills based on scientific methods and valid biological and behavioral principles;
 - Develop critical thinking skills that lead to appropriate analysis, synthesis, judgment and application
- through a problem-oriented approach to oral health problems;
- Provide comprehensive oral health care in a professional manner;
 - Recognize and deal with the ethical problems inherent in the treatment of patients;
 - Use effectively the services of allied dental personnel;
 - Develop managerial abilities necessary for the competent administration of personnel, funds, and debt management in a dental practice;
 - Develop a fundamental knowledge of research methodology including information retrieval and how to interpret and evaluate the scientific literature;
 - Acquire an attitude of critical inquiry and motivation toward life-long continuing education and intellectual self-renewal;
 - Practice with a high degree of personal and professional integrity;
 - Recognize the role of the dental practitioner as a functioning member of the health care team;
 - Develop effective interpersonal relationships with patients, professional colleagues and members of the community at large.

Students in the first and second years devote their time primarily to the basic biological and dental sciences. The curriculum during the third and fourth years emphasizes clinical practice supported by didactic instruction. Courses in the curriculum are consistent with guidelines of the Commission on Accreditation of the American Dental Association to provide for cognitive, psychomotor, and effective growth of the student.

The curriculum at Baylor College of Dentistry is designed to correlate the basic biological sciences with the science and art of dentistry. It is under continuous review and therefore subject to change and improvement without prior notice, as the need occurs.



The faculty and administration are firm in the belief that students should develop their psychomotor abilities on laboratory models before beginning patient care.

AVAILABILITY OF PATIENTS

One of the most important aspects of the cur-

riculum is its ability to provide students the opportunity to manage a variety of clinical conditions in each of the clinical disciplines. The Dallas-Fort Worth Metroplex and surrounding communities provide an abundance of patients from all socio-economic

levels. Baylor College of Dentistry meets the needs of nearly 21,000 patients each year. Approximately 150,000 patient visits were recorded annually in the College's ten clinics during recent years. Patient care includes children, the elderly, and those who are mentally or physically handicapped. A specialty clinic for the treatment of the handicapped is provided by the College to train students in many of the unique care requirements of special patients. A stomatology clinic which has received an award from the American Dental Association is the only one of its kind in the southwest and receives referrals not only from practitioners in this area but also in surrounding states. In addition, students make regular visits to the Texas Scottish Rite Hospital for Crippled Children, Children's Medical Center in Dallas, and the Denton State School for the Mentally Handicapped to provide dental care for children. Student experience is also enhanced by off-campus programs in public schools, community agencies, and state institutions in the area.

EXTRAMURAL COMMUNITY ACTIVITIES

In addition to the dental care provided in the

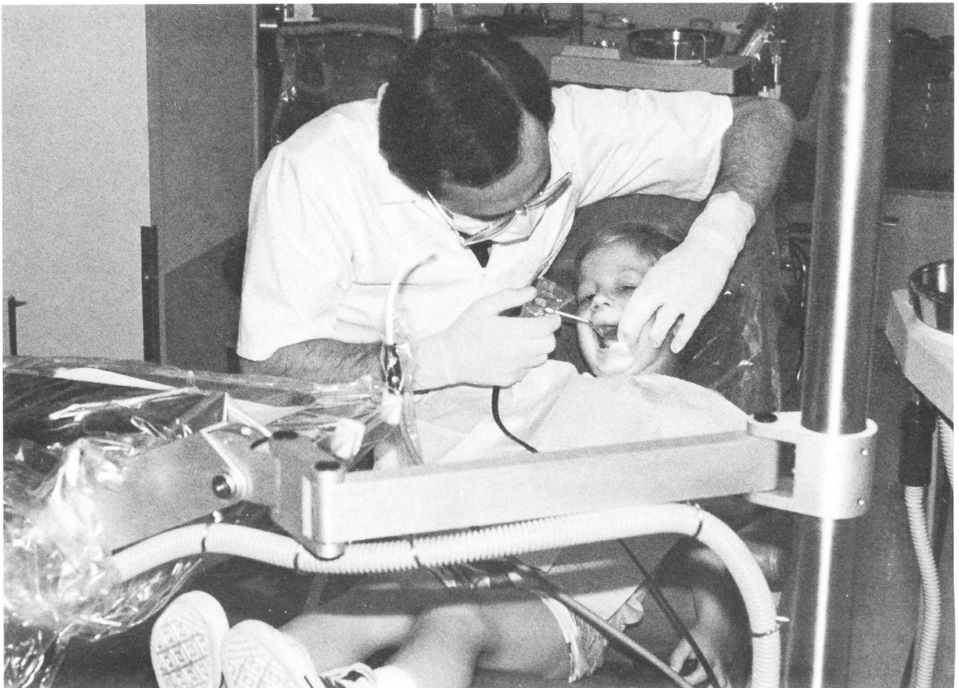
College clinics, Baylor College of Dentistry provides a broad range of dental services to the people of Texas. These activities, conducted with approximately forty (40) local, state, and federal agencies, enhance and supplement the traditional dental education by providing services which are not otherwise available. The services, provided by students, faculty, and staff, include dental care, dental screening and examinations, health education, dental consultations, laboratory testing, program consultations and reviews in addition to research programs with schools, hospitals, and local, state and federal agencies.

SUMMER CLINIC

The patient treatment clinics are in operation for an eight-week period during the Summer quarter. Students are afforded an added opportunity to improve their professional skills.

Attendance for this program is required for students in the third and fourth years.

Students participating in the Summer Clinic will be in attendance Monday through Friday from 10:00 a.m. to 4:30 p.m. All clinic policies are maintained. Block assignments are mandatory.



CURRICULUM

Clock Hours by Quarter First Academic Year

Courses	Fall		Winter		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
6500 Biochemistry	33	—	33	—	—	—	—	6
6520 Biometrics	—	—	11	—	11	—	—	2
6540 Dental Anatomy	22	—	11	—	—	—	—	3
6543 Dental Anatomy-C	—	66	—	33	—	—	—	3
6580 Dental Materials	—	—	9	21	—	—	—	2
6600 General Histology	22	33	12	18	—	—	—	5
6620 General Pathology	—	—	—	—	22	—	—	2
6640 Gross Anatomy	22	66	22	66	—	—	—	8
6660 Growth and Development	—	—	—	—	22	—	—	2
6680 History of Dentistry	11	—	—	—	—	—	—	1
6724 Intro to Clin Prac I-C	—	—	—	—	—	—	22	1
6740 Microbiology	22	—	22	33	—	—	—	5
6770 Neuroscience	33	—	—	—	—	—	—	3
6800 Occlusion	—	—	—	—	11	—	—	1
6804 Occlusion-C	—	—	—	—	—	22	—	1
6820 Oral Histology	—	—	—	—	33	11	—	3
6840 Oral Radiology	—	—	—	—	22	—	—	2
6870 Physiology	—	—	20	15	44	33	—	8
6880 Removable Prosthodontics	—	—	—	—	11	—	—	1
6884 Removable Prosthodontics-C	—	—	—	—	—	66	—	2

"C" following a course title indicates a clinical or preclinical course.

Clock Hours by Quarter Second Academic Year

Courses	Fall		Winter		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
7020 Endodontics	—	—	—	—	15	—	—	1
7024 Endodontics-C	—	—	—	—	—	33	—	1
7040 Fixed Prosthodontics	*12	—	*18	—	22	—	—	4
7044 Fixed Prosthodontics-C	—	66	—	66	—	66	—	6
7060 General Pathology	44	—	—	—	—	—	—	4
7070 Human Behavior in Dentistry	11	—	—	—	—	—	—	1
7080 Intro to Clin Practice II	—	—	8	—	2	—	—	1
7084 Intro to Clin Practice II-C	—	—	—	—	—	—	66	2
7090 Nutrition	22	—	—	—	—	—	—	2
7100 Operative Dentistry	*16	—	*13	—	11	—	—	3
7104 Operative Dentistry-C	—	66	—	66	—	66	—	6
7120 Oral & Maxillofacial Surgery	—	—	—	—	11	—	—	1
7140 Oral Diagnosis	—	—	11	—	11	—	—	2
7160 Oral Pathology	—	—	22	—	22	—	—	4
7173 Radiography-C	—	6	—	6	—	—	—	1
7190 Oral Radiology	11	—	11	—	—	—	—	2
7210 Orthodontics	—	—	—	—	11	—	—	1
7214 Orthodontics-C	—	—	—	—	—	33	—	1
7230 Pain & Anxiety Control	—	—	11	—	—	—	—	1
7250 Pediatric Dentistry	—	—	—	—	11	—	—	1
7254 Pediatric Dentistry-C	—	—	—	—	—	33	—	1
7270 Periodontics	—	—	11	—	11	—	—	2
7290 Pharmacology	—	—	11	18	—	—	—	2
7330 Preventive Dentistry	11	—	11	—	—	—	—	2
7350 Removable Prosthodontics	*15	—	*12	—	11	—	—	3
7353 Removable Prosthodontics-C	—	66	—	66	—	—	—	4

*7040, 7100, 7350 includes integrated dental materials lecture (no course #).

"C" following a course title indicates the clinical or preclinical portion of the course.

CURRICULUM

Clock Hours by Quarter
Third Academic Year

Courses	Summer		Fall		Winter		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
8000 Summer Clinic	—	—	—	—	—	—	—	—	—	0
8002 Clin Prev Dent-C	—	—	—	—	—	—	—	—	↓	0.3
8003 Clin Prev Dent-C	—	—	—	—	—	—	—	—	↓	0.3
8004 Clin Prev Dent-C	—	—	—	—	—	—	—	—	40	0.4
8020 Community Health	—	—	—	—	—	—	11	—	—	1
8040 Dental Aux Utilization	—	—	11	—	—	—	—	—	—	1
8044 Dental Aux Utilization-C	—	—	—	—	—	—	—	—	30	1
8060 Endodontics	—	—	11	—	—	—	—	—	—	1
8064 Endodontics-C	—	—	—	—	—	—	—	—	50	2
8080 Fixed Prosthodontics	—	—	11	—	—	—	11	—	—	2
8081 Fixed Prosthodontics-C	—	—	—	—	—	—	—	—	—	1
8082 Fixed Prosthodontics-C	—	—	—	—	—	—	—	—	↓	1
8083 Fixed Prosthodontics-C	—	—	—	—	—	—	—	—	↓	1
8084 Fixed Prosthodontics-C	—	—	—	—	—	—	—	—	150	1
8100 Geriatric Dentistry	—	—	—	—	—	—	11	—	—	1
8120 Hospital Dentistry	—	—	—	—	—	—	11	—	—	1
8140 Human Behavior/Dentistry	—	—	—	—	11	12	—	—	—	1
8160 Nitrous Oxide/Cons. Sedation	—	—	—	—	11	—	11	—	—	2
8200 Occlusion	—	—	—	—	11	—	11	—	—	2
8204 Occlusion-C	—	—	—	—	—	—	—	22	—	1
8220 Operative Dentistry	—	—	11	—	—	—	11	—	—	2
8221 Operative Dentistry-C	—	—	—	—	—	—	—	—	↓	2
8222 Operative Dentistry-C	—	—	—	—	—	—	—	—	↓	2
8223 Operative Dentistry-C	—	—	—	—	—	—	—	—	↓	2
8224 Operative Dentistry-C	—	—	—	—	—	—	—	—	295	2
8240 Oral & Maxi Surg	—	—	11	—	11	—	—	—	—	2
8244 Oral & Maxi Surg-C	—	—	—	—	—	—	—	—	75	2
8260 Oral Diagnosis	—	—	11	—	—	—	—	—	—	1
8264 Oral Diagnosis-C	—	—	—	—	—	—	—	—	100	3
8280 Oral Pathology	—	—	—	—	—	22	—	—	—	1
8304 Oral Radiography-C	—	—	—	—	—	—	—	—	40	1
8320 Orthodontics	—	—	11	—	11	—	—	—	—	2
8324 Orthodontics-C	—	—	—	—	—	—	—	—	25	1
8340 Pediatric Dentistry	—	—	11	—	11	—	—	—	—	2
8342 Pediatric Dentistry-C	—	—	—	—	—	—	—	—	↓	0.6
8343 Pediatric Dentistry-C	—	—	—	—	—	—	—	—	↓	0.6
8344 Pediatric Dentistry-C	—	—	—	—	—	—	—	—	50	0.8
8360 Periodontics	—	—	11	—	11	—	11	—	—	3
8361 Periodontics-C	—	—	—	—	—	—	—	—	↓	0.5
8362 Periodontics-C	—	—	—	—	—	—	—	—	↓	0.5
8363 Periodontics-C	—	—	—	—	—	—	—	—	↓	1
8364 Periodontics-C	—	—	—	—	—	—	—	—	115	1
8380 Pharmacology	—	—	22	—	22	—	—	—	—	4
8400 Removable Prosthodontics	—	—	11	—	11	—	11	—	—	3
8402 Removable Prosthodontics-C	—	—	—	—	—	—	—	—	↓	1
8403 Removable Prosthodontics-C	—	—	—	—	—	—	—	—	↓	2
8404 Removable Prosthodontics-C	—	—	—	—	—	—	—	—	190	2

"C" following a course title indicates the clinical or preclinical portion of the course.

CURRICULUM

Clock Hours by Quarter
Fourth Academic Year

Courses	Summer		Fall		Winter		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
9000 Summer Clinic	—	—	—	—	—	—	—	—	—	0
9004 Clinical Services Assign-C	—	—	—	—	—	—	—	—	225	6
9010 Dental Jurisprudence	—	—	—	—	11	—	—	—	—	1
9020 Endodontics	—	—	11	—	—	—	—	—	—	1
9044 General Dentistry-C*	—	—	—	—	—	—	—	—	970	25
9050 Oral & Maxillofacial Surgery	—	—	11	—	—	—	—	—	—	1
9060 Oral Diagnosis	—	—	—	—	11	—	—	—	—	1
9070 Orthodontics	—	—	—	—	11	—	—	—	—	1
9080 Pain & Anxiety	—	—	11	—	—	—	—	—	—	1
9090 Pediatric Dentistry	—	—	11	—	—	—	—	—	—	1
9100 Periodontics	—	—	11	—	—	—	—	—	—	1
9110 Pharmacology	—	—	11	—	—	—	—	—	—	1
9120 Practice Administration	—	—	11	—	—	—	—	—	—	1
9130 Principles of Medicine	—	—	11	—	11	—	—	—	—	2
9140 Professional Ethics	—	—	11	—	—	—	—	—	—	1
9160 Seminar	—	—	—	—	11	—	11	—	—	0
9170 Fixed & Removable Prosthodontics	—	—	—	—	11	—	—	—	—	1
9180 Implant Dentistry	—	—	—	—	11	—	—	—	—	1

*All Clinical Programs except 9004 are included in 9044 General Dentistry.
 "C" following a course title indicates a clinical or preclinical course.

COURSE DESCRIPTIONS

Numbers have been assigned within a designated pattern, with first-year courses numbered 6500-6999, second-year from 7000-7999, third-year from 8000-8999 and fourth-year from 9000-9999. An "S" preceding a course number indicates a selective course. A "C" following a course title indicates a clinical or preclinical course.

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| <p>6500 BIOCHEMISTRY Chemical and metabolic processes in the human; biological implications of chemical events</p> <p>6520 BIOMETRICS Biostatistical concepts in research and population studies; principles of epidemiology applied to oral diseases</p> <p>6540 DENTAL ANATOMY Form and function of the human dentition</p> <p>6543 DENTAL ANATOMY-C Drawing and carving teeth to scale; restoring tooth form in wax to normal relation with adjacent and opposing teeth; identification of extracted natural teeth</p> <p>6580 DENTAL MATERIALS Introduction to the effects of physical, chemical and mechanical properties on the manipulation of materials used in dentistry; laboratory exercises to demonstrate clinical applications.</p> | <p>6600 GENERAL HISTOLOGY Microscopic and ultrastructural features of cells, tissues, and organ systems of the human; light- and electron-microscopic study of human tissues</p> <p>6620 GENERAL PATHOLOGY Gross and microscopic tissue changes in disease; correlation of pathologic processes, symptoms, and laboratory findings</p> <p>6640 GROSS ANATOMY Gross morphology of the human with special emphasis on the head and neck; dissection of the cadaver</p> <p>6660 GROWTH AND DEVELOPMENT Psychological and emotional development; physical growth and development of the craniofacial skeleton; normal occlusion, dental and skeletal malocclusions; introductory cephalometric analysis</p> <p>6680 HISTORY OF DENTISTRY Earliest beginnings of dentistry; development of the profession in the United States and throughout the world</p> |
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- 6724 INTRODUCTION TO CLINICAL PRACTICE I-C** Observation and assistance of students in delivering dental services in preventive dentistry, oral diagnosis, periodontics, and general dentistry; dental health education; patient interviewing; history taking; record management
- 6740 MICROBIOLOGY** Microorganism metabolism, genetics, bacteriology, immunology, virology, mycology, sterilization, chemotherapy, and the oral microbial diseases; basic and applied laboratory exercises correlated with lecture topics
- 6770 NEUROSCIENCE** Gross structural features and functions of the human nervous system; emphasis on physiology of nerve membrane and receptors, neural pathways for the major sensory and motor systems, the cranial nerves, and the autonomic of the head and neck
- 6800 OCCLUSION** Temporomandibular joint occlusal function; intercuspal relationships; mandibular movements; record transfer; use of a semi-adjustable articulator
- 6804 OCCLUSION-C** Preclinical laboratory to accompany Course 6800
- 6820 ORAL HISTOLOGY** Normal development and structure of tissues associated with the tooth proper, its adnexa, and the oral cavity; light-, scanning electron-, and transmission-electronmicroscopy; microfiche Gottlieb slides; emphasis on clinical aspects of oral histology
- 6840 ORAL RADIOLOGY** Physics of x-ray production; operation of dental x-ray equipment; factors affecting radiographic images; techniques for making and processing intra-oral and extra-oral radiographs
- 6870 PHYSIOLOGY** Theory and principles of human body function; detailed study of the cell membrane, skeletal muscle, blood, heart, lungs, gastrointestinal system, kidney, and endocrine glands; demonstration of many principles in laboratory exercises.
- 6880 REMOVABLE PROSTHODONTICS** Concepts and techniques in the fabrication of complete dentures
- 6884 REMOVABLE PROSTHODONTICS-C** Preclinical laboratory to accompany Course 6880
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- 7020 ENDODONTICS** Introduction to Endodontics; technical and biological bases for non-surgical root canal therapy; access, cleaning, shaping, and filling of root canals
- 7024 ENDODONTICS-C** Preclinical laboratory; discussion and demonstrations of techniques for non-surgical root canal therapy, including access opening, cleaning, shaping, and filling of root canals in models and extracted teeth
- 7040 FIXED PROSTHODONTICS** Instruction in the design and fabrication of fixed partial dentures and crown restorations; fabrication techniques on composition teeth in a Dentoform
- 7044 FIXED PROSTHODONTICS** Laboratory to accompany course 7040
- 7060 GENERAL PATHOLOGY** Diseases of specific organ systems; pathology of infectious diseases
- 7070 HUMAN BEHAVIOR IN DENTISTRY** Application of principles of communication and motivation relevant to doctor-patient relations, patient compliance, and stress management
- 7080 INTRODUCTION TO CLINICAL PRACTICE II** Functions and expectations of clinical departments; oral examination; diagnosis; treatment planning; patient management; infection control; oral disease prevention; dental and medical emergencies; professional ethics
- 7084 INTRODUCTION TO CLINICAL PRACTICE II-C** Clinic applications to accompany Course 7080
- 7090 NUTRITION** Nutritional biochemistry; application of the principles of nutrition to the practice of dentistry.
- 7100 OPERATIVE DENTISTRY** Treatment of diseased and injured teeth; emphasis on cavity preparation and manipulation of restorative materials
- 7104 OPERATIVE DENTISTRY-C** Preclinical laboratory to accompany Course 7100
- 7120 ORAL & MAXILLOFACIAL SURGERY** Lectures and clinical demonstration in basic oral surgery procedures
- 7140 ORAL DIAGNOSIS** Consideration of chief complaint, health history, laboratory tests, and clinical and radiographic examinations in making a diagnosis and planning treatment; development of patient-doctor rapport and communication; patient management and treatment alternatives related to age and physical and medical limitations; introduction to school clinical procedures and recordkeeping

- 7160 ORAL PATHOLOGY** Etiology, histopathology, and clinical aspects of oral disease; emphasis on disorders of development, inflammatory conditions (both infective and noninfective), and neoplasia
- 7173 ORAL RADIOGRAPHY-C** Clinical laboratory to accompany Course 7190
- 7190 ORAL RADIOLOGY** Radiation physics, biology, and personnel protection; interpretation of radiographic anatomy; identification of anomalies and developmental disturbances; detection of pathologic entities from intra-oral and extra-oral radiographs
- 7210 ORTHODONTICS** Basic techniques of wire and acrylic manipulation, including soldering, welding, band fabrication, and bonding
- 7214 ORTHODONTICS-C** Patient evaluation during five weeks of clinical rotation; seminar-based instruction in diagnosis and treatment-planning procedures
- 7230 PAIN & ANXIETY CONTROL** Regional pain control; pre-anesthetic evaluation of patients; techniques of administration; pharmacology and management of complications after administration of local anesthetics
- 7250 PEDIATRIC DENTISTRY** Concepts of dentistry for children; use of models and Typodon in pediatric dentistry
- 7254 PEDIATRIC DENTISTRY-C** Preclinical laboratory to accompany Course 7250
- 7270 PERIODONTICS** Introduction to periodontics; anatomy of the periodontal tissue; pathogenesis and classification of periodontal disease; introductory therapy
- 7290 PHARMACOLOGY** Terms and principles essential to understanding drug actions; analgesic drugs; prescription writing techniques; lecture and laboratory
- 7330 PREVENTIVE DENTISTRY** Rationale and techniques of oral disease prevention employed by the dentist and the patient to bring about optimal oral health
- 7350 REMOVABLE PROSTHODONTICS** Concepts and techniques in fabrication of complete dentures and preparation of models for laboratory fabrication of a removable partial denture framework and setting denture teeth in Class I, II, and III occlusions
- 7353 REMOVABLE PROSTHODONTICS-C** Clinical laboratory to accompany course 7350
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- 8000 SUMMER CLINIC-C** All phases of clinic practice; required attendance for third-year students
- 8002 CLINICAL PREVENTIVE DENTISTRY-C** Principles and techniques in the prevention and/or control of oral disease
- 8003 CLINICAL PREVENTIVE DENTISTRY-C** Continuation of Course 8002
- 8004 CLINICAL PREVENTIVE DENTISTRY-C** Continuation of Course 8002
- 8020 COMMUNITY HEALTH** Public health methodologies to prepare the dentist to meet obligations to the community
- 8040 DENTAL AUXILIARY UTILIZATION** Utilization of the dental assistant
- 8044 DENTAL AUXILIARY UTILIZATION -C** Clinical application of Course 8040
- 8060 ENDODONTICS** Clinical endodontics; diagnosis and management of pulpal and periradicular disease; integration of pulpal biology and clinical practice
- 8064 ENDODONTICS-C** Clinical application of Course 8060
- 8080 FIXED PROSTHODONTICS** Biological, physiological, anatomical, and esthetic factors related to diagnosis, treatment planning, and patient treatment
- 8081 FIXED PROSTHODONTICS-C** Clinical application of Course 8080
- 8082 FIXED PROSTHODONTICS-C** Clinical application of Course 8080
- 8083 FIXED PROSTHODONTICS-C** Clinical application of Course 8080
- 8084 FIXED PROSTHODONTICS-C** Clinical application of Course 8080
- 8100 GERIATRIC DENTISTRY** Psychosocial, biological, preventive, pharmacological, and therapeutic considerations in providing dental services for the geriatric population
- 8120 HOSPITAL DENTISTRY** Administrative and clinical aspects of patient care in hospitals
- 8140 HUMAN BEHAVIOR IN DENTISTRY** Principles of behavior applied specifically to the dental setting; prevention and treatment of patient apprehension

- 8160 NITROUS OXIDE/CONSCIOUS SEDATION** Conscious sedation techniques in dentistry for drugs administered by inhalation, oral, I.M., or I.V. routes; management of patients with specific medical problems; prevention, recognition, and management of medical emergencies
- 8200 OCCLUSION** Diagnosis and treatment of potentially pathologic and clinically pathologic occlusal conditions; etiologic factors; effects of pathofunction on oral tissues; diagnostic aids and methods of treatment
- 8204 OCCLUSION-C** Preclinical laboratory of Course 8200
- 8220 OPERATIVE DENTISTRY** Art and science of treating diseased teeth; restoration of proper tooth form, function, and esthetics
- 8221 OPERATIVE DENTISTRY-C** Clinical application of Course 8220
- 8222 OPERATIVE DENTISTRY-C** Clinical application of Course 8220
- 8223 OPERATIVE DENTISTRY-C** Clinical application of Course 8220
- 8224 OPERATIVE DENTISTRY-C** Clinical application of Course 8220
- 8240 ORAL & MAXILLOFACIAL SURGERY** Principles of surgery, history taking, patient evaluation, and diseases of the mouth; procedures and techniques for surgery in and about the mouth
- 8244 ORAL & MAXILLOFACIAL SURGERY-C** Clinical application of Course 8240
- 8260 ORAL DIAGNOSIS** Relationship between intraoral and extraoral examination findings and treatment planning; development and presentation of treatment plans for patients with physical and medical complications
- 8264 ORAL DIAGNOSIS-C** Clinical application of Course 8260; practical approach to examination, diagnosis, and treatment planning
- 8280 ORAL PATHOLOGY** Clinicopathological conference format; differential diagnosis of oral signs and symptoms
- 8304 ORAL RADIOGRAPHY-C** Application of basic principles, procedures, and techniques of clinical radiology to patients
- 8320 ORTHODONTICS** Response of oral tissues to tooth movement; biomechanics, anchorage, and appliance design; early diagnosis of existing and potential orthodontic problems; interceptive methods; appliances for maintaining or regaining space; elective orthodontic procedures in general dentistry; fixed and removable appliances for crossbite correction, diastema closure, and pre-prosthetic molar and bicuspid repositioning
- 8324 ORTHODONTICS-C** Clinical application of Course 8320
- 8340 PEDIATRIC DENTISTRY** Treatment planning and child management; special problems in pediatric dentistry; emphasis on complete dental rehabilitation of patients
- 8342 PEDIATRIC DENTISTRY-C** Clinical application of Course 8340
- 8343 PEDIATRIC DENTISTRY-C** Clinical application of Course 8340
- 8344 PEDIATRIC DENTISTRY-C** Clinical application of Course 8340
- 8360 PERIODONTICS** Diagnosis and management of periodontal diseases; methods for treatment of periodontal patients with complicating medical conditions; emphasis on specific therapeutic techniques
- 8361 PERIODONTICS-C** Clinical application of Course 8360; management of the periodontal patient with mild to moderate involvement
- 8362 PERIODONTICS-C** Clinical application of Course 8360
- 8363 PERIODONTICS-C** Clinical application of Course 8360
- 8364 PERIODONTICS-C** Clinical application of Course 8360
- 8380 PHARMACOLOGY** Survey of general pharmacology; detailed study of drugs useful in dentistry
- 8400 REMOVABLE PROSTHODONTICS** Fabrication of removable complete dentures, partial dentures, and immediate dentures
- 8402 REMOVABLE PROSTHODONTICS-C** Clinical application of Course 8400
- 8403 REMOVABLE PROSTHODONTICS-C** Clinical application of Course 8400
- 8404 REMOVABLE PROSTHODONTICS-C** Clinical application of Course 8400
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- 9000 SUMMER CLINIC-C** All phases of clinical practice; required attendance for fourth-year students
- 9004 CLINICAL SERVICES ASSIGNMENT-C** Continuing clinical

experience in selected specialties; emergency treatment in a practice setting; oral and maxillofacial surgery appropriate for general practice; oral diagnosis; treatment planning

- 9010 DENTAL JURISPRUDENCE** Legal aspects of dental practice
- 9020 ENDODONTICS** Advanced endodontics; endodontic-periodontic interrelationships; management of root resorption and root fractures; endodontic surgery; technological advances in endodontics
- 9044 GENERAL DENTISTRY-C** All phases of general dentistry performed as required for each assigned patient; seminars and student presentations; minimum of four quarters required *
- * Areas included in the General Dentistry Program are: Fixed Prosthodontics, Geriatrics, Removable Prosthodontics, Operative Dentistry, Oral and Maxillofacial Surgery, Oral Diagnosis, Orthodontics, Pediatric Dentistry, Periodontics, Endodontics, Community Health and Preventive Dentistry and Oral Radiography
- 9050 ORAL & MAXILLOFACIAL SURGERY** Advanced oral and maxillofacial surgery; facial bone fractures; oral malignancies and tumors of odontogenic origin; salivary gland disease
- 9060 ORAL DIAGNOSIS** Effect of oral manifestations of systemic diseases on oral diagnosis and treatment planning; treatment alternatives to match the needs of patients
- 9070 ORTHODONTICS** Comprehensive case analysis and treatment planning; role of the general dentist in detection, interception, and treatment of orthodontic problems
- 9080 PAIN AND ANXIETY** General anesthesia in dentistry; patient selection and evaluation, indications, contraindications, anesthetic equipment, and techniques; clinical and audiovisual demonstrations
- 9090 PEDIATRIC DENTISTRY** Advanced procedures; complete dental rehabilitation of the child patient
- 9100 PERIODONTICS** Management of complex periodontal cases; interrelationships of periodontal therapy with stomatology, endodontics, and restorative therapy; new concepts in periodontology
- 9110 PHARMACOLOGY** Pharmacology in dental practice; therapeutic use of drugs; toxicology; drug interactions in patients receiving multiple drug therapy

- 9120 PRACTICE ADMINISTRATION** Management of a dental practice; business aspects; personnel selection and use; patient relationships
- 9130 PRINCIPLES OF MEDICINE** Principles and methods of physical examination; diagnosis and treatment of disorders of organ systems
- 9140 PROFESSIONAL ETHICS** Principles and theory; decision making; humanizing health care; virtue ethics
- 9150 REMOVABLE PROSTHODONTICS** Restoration of masticatory function and maintenance of oral health in edentulous or partially edentulous patients
- 9160 SEMINAR** Topics and issues of special concern to dental practitioners
- 9170 FIXED AND REMOVABLE PROSTHODONTICS** Advanced techniques and theories in the restoration of masticatory function and maintenance of oral health in edentulous or partially edentulous patients.
- 9180 IMPLANT DENTISTRY** Indications and techniques for using implants to provide stability for dentures; coordination between prosthodontist and oral surgeon to achieve a successful prognosis.
- S— SELECTIVE COURSES** A variety of courses are offered with a minimum of two quarter hours required. Some selected courses have limited enrollment

SELECTIVE COURSES

- ADVANCED CONCEPTS IN ENDODONTICS** Topics essential to successful diagnosis and treatment; innovative techniques (Endodontics)
- ADVANCED GERIATRIC ORAL MEDICINE** Dental and medical conditions unique to dental care of elderly patients; development of skill in diagnosis and treatment planning; clinical management of both healthy and frail elderly patients (Community Health & Preventive Dentistry)
- ADVANCED PEDIATRIC DENTISTRY** Methods for treating difficult cases, including the medically compromised or severely handicapped child; pre-medication techniques; participation in pediatric general anesthesia case; observation of treatment at Children's Medical Center and Texas Scottish Rite Hospital for Crippled Children; participation in patient evaluation (Pediatric Dentistry)
- ADVANCED PERIODONTAL SURGERY** Anatomy; wound healing; techniques; indications and contraindications; opportunity for clinic treatment of case (Periodontics)
- APPLIED HEAD AND NECK ANATOMY** Review of the basic structure of the head and neck from a regional approach; relationship of anatomy to clinical topics, including hemorrhage control, spread of infection, local anesthesia, growth and development, temporomandibular joint function, craniofacial muscular-nerve disorders, radiographic anatomy, and airway maintenance (Anatomy)

BASIC PREPARATION FOR ADVANCED CARDIAC LIFE SUPPORT (ACLS) Review of cardiovascular physiology with emphasis on heart abnormalities, ECG alterations, and heart failure; diagnosis of respiratory obstruction, respiratory arrest, cardiac arrest, and ventricular fibrillation; proficiency in basic CPR treatment and ACLS equipment, including breathing bags, ECG, and pharmacologic agents (Physiology)

CERAMICS Theory and fabrication of ceramo-metal and all-ceramic prosthodontic restorations (Fixed Prosthodontics)

CLINICAL DENTAL PUBLIC HEALTH PRACTICE Dallas area agencies and institutions providing dental public health services; role and responsibilities of dentist to the community (Community Health & Preventive Dentistry)

CLINICAL IMPLICATIONS OF ORAL CANCER Molecular basis of disease, pathology, and special dental needs of patients; clinical rotation at Dallas VA Medical Center; participation in Tumor Board meetings (Biochemistry)

COMMUNITY RURAL PRECEPTORSHIP Observation in a private dental office for experience in the conduct and management of a private dental practice (Community Health & Preventive Dentistry)

DENTAL IMPLANTOLOGY: A LABORATORY COURSE Practical aspects of dental implantology (Removable Prosthodontics)

DENTAL PHOTOGRAPHY Basic knowledge and skills; evaluation of clinical camera systems; intra- and extra-oral photography; small-object photography (General Dentistry)

DENTISTRY FOR THE HANDICAPPED PATIENT Management, techniques, and methods for patients with cerebral palsy or mental retardation; appropriate home oral hygiene methods; clinic experience at Texas Scottish Rite Hospital for Crippled Children and Denton State School (Pediatric Dentistry)

ELECTROSURGERY Electrosurgical effects on tissues and wound-healing; indications and contraindications for electrosurgery; advantages and disadvantages of electrosurgery; techniques (General Dentistry)

ETIOLOGY AND PREVENTION OF ODONTOGENIC AND NOSOCOMIAL INFECTIONS Review of principles of infectious diseases in dentistry; dynamics of oral flora; collection and processing of oral samples; etiologic agents in oral infections; mechanisms of odontogenic and nosocomial infections; principal anti-infective agents; dental office infection control (Microbiology)

EXTRAMURAL EXPERIENCE IN A MOBILE DENTAL PRACTICE TREATING DEBILITATED ELDERLY PATIENTS Methods and techniques in a mobile dental practice; dental treatment of debilitated elderly patients (Community Health & Preventive Dentistry)

EXTRAMURAL ROTATION TO AREA AGENCIES TREATING ELDERLY AND HANDICAPPED INDIVIDUALS Availability of agencies; scope of care given elderly and handicapped individuals (Community Health & Preventive Dentistry)

FORENSIC DENTISTRY AND DISASTER PLANNING History and scope; legal aspects; dental identification; forensic radiology and photography; blood group determinations; bite mark evidence; cranial characteristics as determinants of age, sex, and race; dentist and battered child syndrome; professional responsibility and malpractice; dentist in mass disasters (Community Health & Preventive Dentistry)

INTEGRATION OF THE STATE OMBUDSMAN PROGRAM AND LONG-TERM CARE FACILITIES Issues in long-term care; nursing home residents' advocacy (Ombudsman) program (Community Health & Preventive Dentistry)

OCCCLUSION Examination, diagnosis, and treatment of an occlusal problem; identification of problems requiring a specialist (General Dentistry)

ORAL AND MAXILLOFACIAL SURGERY Medical emergencies, orthognathic surgery, trauma, radiology, pre-prosthetic surgery (Oral & Maxillofacial Surgery)

ORTHODONTIC EXTERNSHIP Recognition of developing malocclusion; ramifications of early malocclusion on the later occlusal scheme; observation of an orthodontic practice; coordination between general practice and orthodontics (Orthodontics)

PRACTICAL TREATMENT PLANNING AND PATIENT MANAGEMENT FOR THE GENERAL PRACTITIONER Treatment alternatives and modifications because of the patient's health, age, arch form, dentition support, or morphology (Diagnostic Sciences)

PRINCIPLES AND MANAGEMENT OF MEDICAL EMERGENCIES Evaluation of healthy or medically compromised patient for potential medical emergencies; management strategies; intramuscular and intravenous techniques; office design and protocol; simulations of emergencies (Pharmacology)

PRINCIPLES OF GOLD FOIL Types and properties of direct gold; classes I and V cavity design; condensation and finish of restorations (Operative Dentistry)

PSYCHODYNAMICS OF CHILD PHYSICAL/SEXUAL ABUSE History; forms; psychodynamics; dental and forensic implications; prevention; interviewing and reporting (Community Health & Preventive Dentistry)

SELECTING MATERIALS FOR YOUR DENTAL PRACTICE Review and comparison of dental materials important in general dentistry (Dental Materials)

STOMATOLOGICAL DISORDERS OF INTEREST TO THE GENERAL DENTIST Diagnosis, treatment, and management of common oral mucosal diseases, including recurrent aphthae, erosive lichen planus, cicatricial pemphigoid, burning mouth syndrome, xerostomia, candidosis, etc. (Periodontics)

TOBACCO CESSATION PROGRAM FOR THE DENTAL PATIENT AND MANAGEMENT OF THE CHEMICALLY DEPENDENT PATIENT National Cancer Institute tobacco use intervention program; other substances of abuse; management strategies (Pharmacology)

TOOTH-COLORED RESTORATIONS FOR POSTERIOR THEETH Composition and application of composites; preparation of teeth for composite of porcelain inlays/onlays; application of glass ionomers; bonding of etched porcelain inlay/onlay to tooth structure (General Dentistry)

UNDERSTANDING AND TREATING THE COMPROMISED DENTAL PATIENT Evaluation of patients; monitoring; indications for sedatives; medical consultation; modifications of dental treatment (Pharmacology)

VENEERING DISCOLORED TEETH Diagnosis of discoloration type; preparation of tooth for veneering; composite veneers; etched porcelain laminate veneers; vital bleaching techniques (General Dentistry)

DENTAL HYGIENE





GENERAL INFORMATION

HISTORY

Caruth School of Dental Hygiene is an integral part of Baylor College of Dentistry. The dental hygiene school was equipped in 1954 through a generous gift from the Caruth Foundation of Dallas and Mr. W.W. Caruth, Jr., in honor of Mr. W.W. Caruth, Sr., a pioneer Texas philanthropist.

The first dental hygiene students were accepted in the fall of 1955. At that time there was no requirement for previous college experience. In 1964 the Caruth School of Dental Hygiene established prerequisite courses prior to professional study. During the same year the Bachelor of Science degree was offered in addition to the traditional certificate program. Since 1973 all graduates have received the degree of Bachelor of Science in Dental Hygiene.

PURPOSE

The purpose of the Caruth School of Dental Hygiene is to educate preventive oral health professionals, eligible for licensure as dental hygienists, who are capable of providing educational, clinical, and therapeutic services that support total health through the promotion of optimal oral health.

OPPORTUNITIES

A dental hygienist's services may be utilized in private dental practices and dental clinics, public health agencies, educational institutions, hospital clinics, government services and industrial clinics.

The baccalaureate degree offered through the Caruth School of Dental Hygiene by Baylor College of Dentistry satisfies the educational requirement for eligibility for state licensure. Graduates are provided with diverse experiences to prepare for a variety of employment settings and to pursue graduate education.

ADMISSIONS

PREREQUISITE COURSES

Caruth School of Dental Hygiene requires a minimum of 60 semester hours for admission to the degree program. No more than six semester hours may be earned through correspondence courses.

Required courses include:	Minimum Semester Hours
Biology (two courses, each with lab)	8
Chemistry (two courses, each with lab)	8
English (two courses in basic freshman composition, one course in literature plus an additional course in literature or humanities)	12
American Government	6
American History	6
Mathematics (one course in college mathematics, college algebra, trigonometry, calculus, or statistics)	3
Introduction to Psychology	3
Introduction to Sociology	3
Speech	3
Nutrition	2-3
Electives	5



PROCEDURE FOR MAKING APPLICATION

- Application materials may be requested from the Registrar's Office. These materials should be returned promptly.
- The following must be included with the application:
 - A list of courses in progress
 - A list of future courses
 - A biographical sketch
 - Application fee
 - Photograph
- An application is valid for one academic year only.
- High school and college transcripts are required. Official transcripts should be sent directly from each school the applicant has attended.
- Scores for the SAT or ACT examinations.
- Recommendations are required from a dentist or a dental hygienist, a biology or chemistry instructor, and an individual who has known the applicant for some time, e.g., a high school principal, minister, or employer.
- It is the responsibility of the applicant to keep the application file current. Failure to supply grades, transcripts, or recommendations is perceived as an indication that the applicant is no longer interested in admission.

INTERVIEWS

Processing of applications begins the year prior to entrance into the professional program and continues until the class is filled. The applications are evaluated, and an invitation for an interview may be extended. The purpose of the interview is to determine the applicant's knowledge of the dental hygiene profession. It also provides an opportunity for the applicant to see the facility, meet with the Admissions Committee and to ask questions about the Caruth School of Dental Hygiene program.

All prospective students are encouraged to contact the school with questions regarding prerequisite courses or the program.

BASES FOR ACCEPTANCE

All applicants for admission will be considered without regard to race, creed, national origin, age, or sex. No preference is given with regard to resident/non-resident status. Qualified handicapped persons who are capable of meeting the academic and technical standards essential to participation in the program will receive equal consideration.

The quality of scholarship is a prime consideration. A grade point average (GPA) is computed based on all courses taken in college.

Preference for admission is given to students with:

- A GPA as high as possible
- Careful attention given to detail completing the application
- A comprehensive biographical sketch that includes:
 - Information that will help the Admissions Committee know you better
 - Details about the procedures you have observed in a general practice dental office
 - A statement concerning the community service projects in which you have participated
 - Information concerning your skills, abilities, and attitudes that have motivated you to make the commitment required for a career in dental hygiene

MATRICULATION AND REGISTRATION

See page 18.

PHYSICIAN'S STATEMENT

See page 18.



FEES AND EXPENSES

The tuition and fees are recommended by the Administration and are approved by the Board of Trustees. Adjustments may be made as economic conditions warrant.

ADMISSIONS DEPOSIT

An admission deposit of \$200.00 is required upon notification of acceptance of the student. This deposit will be applied to the first quarter tuition, and is not refundable.

TUITION

Resident and non-resident tuition are the same. Tuition is payable on an installment basis, and is due at the beginning of each quarter. The summer session fee is due at the beginning of the summer between the junior and senior years. Students purchase new books and instruments as required by the school. The estimated cost is as follows:

	Junior Year	Senior Year
Tuition	\$1,200.00	\$1,600.00
Books and Supplies . .	1,104.00	333.00
Instruments	1,245.00	50.00
Uniforms	275.00	—
Fees	225.00	125.00
Pin	—	35.00
TOTAL	\$4,049.00	\$2,143.00

FEES AND OTHER DEPOSITS

The fee and deposit policy information which appears on page 18 also applies to the dental hygiene students.

TUITION REFUND POLICY

The admission deposit is not refundable. Tuition refunds are made in accordance with the following policy:

Withdrawal prior to the end of the tenth day of class 75%

Prior to the end of the twenty-fifth class day 25%

After the end of the twenty-fifth class day None

FINANCIAL ASSISTANCE

Financial aid is available on the basis of financial need. Dental hygiene students may be eligible for aid through Pell Grants, Hinson-Hazelwood Student Loan, the American Dental Hygienists' Association Scholarship Program and the Mary Kathryn Ausmus and Mary Ellen Ausmus Dental Hygiene Scholarship.

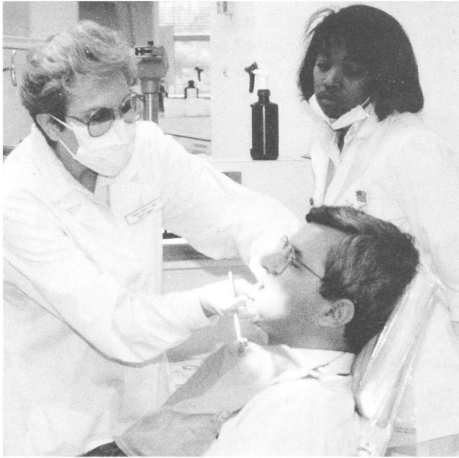
Further information regarding financial aid can be found on page 19. Students interested in financial aid should contact the Student Aid Office for current detailed information.

HEALTH SERVICES

See Page 20

CAMPUS HOUSING

Space is usually available in Wilma Bass Memorial Hall for students who want to live in the dormitory. This building offers the advantages of beautiful, modern facilities and proximity to the school. Students who live in the dormitory may use the Baylor University Medical Center cafeteria for meals. Off-campus apartments and other housing facilities are available but are not provided by the College of Dentistry. The College does not inspect nor approve listings; however, the Student Aid Office will offer assistance in locating accommodations.



STUDENT ACTIVITIES

STUDENT COUNCIL

See Page 20 .

AMERICAN DENTAL HYGIENISTS' ASSOCIATION

All dental hygiene students join the American Dental Hygienists' Association (ADHA) as student members. The ADHA is the national professional organization of dental hygienists. Student membership in the ADHA entitles students to receive the Association's journal, the opportunity to apply for grants and loans to assist in education financing and to participate in the Association's activities at local, state, and national levels.

AMERICAN ASSOCIATION OF DENTAL SCHOOLS

Student membership in the American Association of Dental Schools is available to any student enrolled in the College. The Association represents the interests of individuals and institutions engaged in dental and dental auxiliary education. Student members receive the Association's publications and may participate in councils, committees, and sections of the Association.

POLICIES AND REGULATIONS

Caruth School of Dental Hygiene policies and regulations are formulated by the administration for the benefit of all concerned. The Dean, the Director of the dental hygiene program and faculty members provide academic counseling and guidance. If problems arise, students are urged to seek early assistance. For information concerning attendance, dress code, conduct, due process, employment, change of name, and transcripts and records see pages 23-24.

SCHOLARSHIP

GRADING SYSTEM

See Page 24 .

PROMOTION

Policies on scholarship and promotion are established by the Dean and the Administrative Council. A Scholarship Committee, consisting of the Director and all faculty members responsible for courses in the academic year, reviews the status of each student and makes decisions in conformity with these policies. Any exceptions require action by the Dean and the Administrative Council.

To be eligible for unconditional promotion, a student must have earned a passing grade in all subjects, exhibit satisfactory professional conduct and performance and have earned a grade point average as follows:

- 2.00 cumulative each term
- 2.00 cumulative for graduation

The Scholarship Committee will review the progress of the student based upon the GPA that has been computed for all courses completed by the end of the term. A student whose GPA falls below 2.00 at the end of the Fall Term will be referred to the faculty advisor for academic counseling. At the end of a Winter Term and each term thereafter, a student who passes all subjects but who fails to meet the

required GPA for unconditional promotion will be placed on academic probation for one term. Academic probation will be recorded on the transcript. A student placed on academic probation who fails to earn a cumulative GPA of 2.00 by the end of the following term may be dismissed.

A student whose cumulative GPA is below 2.00 may be permitted to repeat a maximum of six (6) quarter hours of failure, provided that these deficiencies are limited to no more than two courses during one academic year. A minimum grade of C is required to remove each failure under these conditions, and the cumulative GPA after repeating the courses, which will include the F grades, must equal 2.00 for unconditional promotion. A student who receives a grade of F in any repeated course will be subject to dismissal.

A student who does not meet all promotion requirements is subject to dismissal. On the recommendation of the Scholarship Committee, a student subject to dismissal may be allowed to repeat the academic year.

REQUIREMENTS FOR GRADUATION

A candidate for the degree of Bachelor of Science in Dental Hygiene must have fulfilled the following requirements:

- Attained the age of nineteen years
- Demonstrated evidence of satisfactory moral and professional conduct
- Satisfactorily completed all of the prescribed courses of study including a total of 130 semester hours (195 quarter hours) in prerequisite and dental hygiene courses.
- Attained the required cumulative grade point average (2.00)
- Be certified by the faculty as approved for graduation
- Be certified free of debts and obligations to the College



LICENSURE INFORMATION

NATIONAL BOARD EXAMINATIONS

The National Board Dental Hygiene Examination is prepared and conducted by the Joint Commission on National Dental Examinations. This comprehensive written examination is given in the senior academic year.

LICENSURE REQUIREMENTS

Graduation from an accredited dental hygiene program is one of the requirements for state licensure as a dental hygienist. Each state has its own dental examining board that is responsible for evaluating candidates for licensure. Written and clinical examinations are usually required. All states accept satisfactory performance on the National Board Dental Hygiene Examination in partial fulfillment of the requirement for a written examination.

AWARDS AND HONOR SOCIETIES

SCHOLASTIC AWARDS

The highest scholastic award is the **Gold Medallion**, which is presented at graduation

to the student who has attained the highest cumulative grade point average for the two years of study.

The three top-ranking students receive certificates in recognition of scholastic achievement.

The **Phillip Earle Williams Award** is presented to the graduating dental hygiene student who, in the opinion of the dental hygiene faculty, has shown the most proficiency as a dental hygiene clinician. This award was made possible by Dr. and Mrs. Fred M. Lange of Dallas, Texas, in honor of Dr. Williams.

The **George B. Clendenin Award** is given annually to the graduating senior who, in the opinion of the student members of the American Dental Hygienists' Association, embodies the characteristics of a dental hygienist who has been and will be a credit to the profession. This award is made possible through the generosity of Patricia Clendenin Wessendorf, the first Director of Caruth School of Dental Hygiene, in memory of her father, Dr. George B. Clendenin.

SIGMA PHI ALPHA

This national dental hygiene honor society was founded in 1958. The Beta Chapter was established at Baylor the same year.

Each year ten percent of the graduating class is elected to membership, which is awarded on the basis of scholarship, character and potential qualities for future professional growth and attainment.



CURRICULUM

GOALS

The goals of the curriculum of Caruth School of Dental Hygiene are to graduate a dental hygienist who is able to:

- Demonstrate skill in the assessment and treatment of oral disease and planning and evaluation of dental hygiene care
- Apply principles from the basic, clinical and social sciences to the delivery of dental hygiene services
- Initiate and assume responsibility for health promotion and disease prevention activities for individuals and groups
- Design, implement, administer and evaluate health programs
- Communicate effectively with patients, the public and health care providers
- Contribute as a member of an interdisciplinary health care team
- Exhibit ethical behavior in professional relationships and settings
- Demonstrate a commitment to continued learning and professional development
- Interpret and evaluate current research findings and apply them appropriately

- Advance the dental hygiene profession through service activities and affiliation with professional organizations

The curriculum encompasses basic biological, dental, and dental hygiene sciences, supported by didactic, laboratory, and clinical instruction and practice. Courses in the curriculum are consistent with the guidelines of the Commission on Dental Accreditation to provide for cognitive, psychomotor, and affective growth of the student.

The curriculum of the Caruth School of Dental Hygiene is designed to correlate the basic biological sciences with the science and art of dental hygiene and is under continuous review. The curriculum is subject to modification as the need arises, in terms of achieving and improving the stated program goals.

SUMMER SESSION

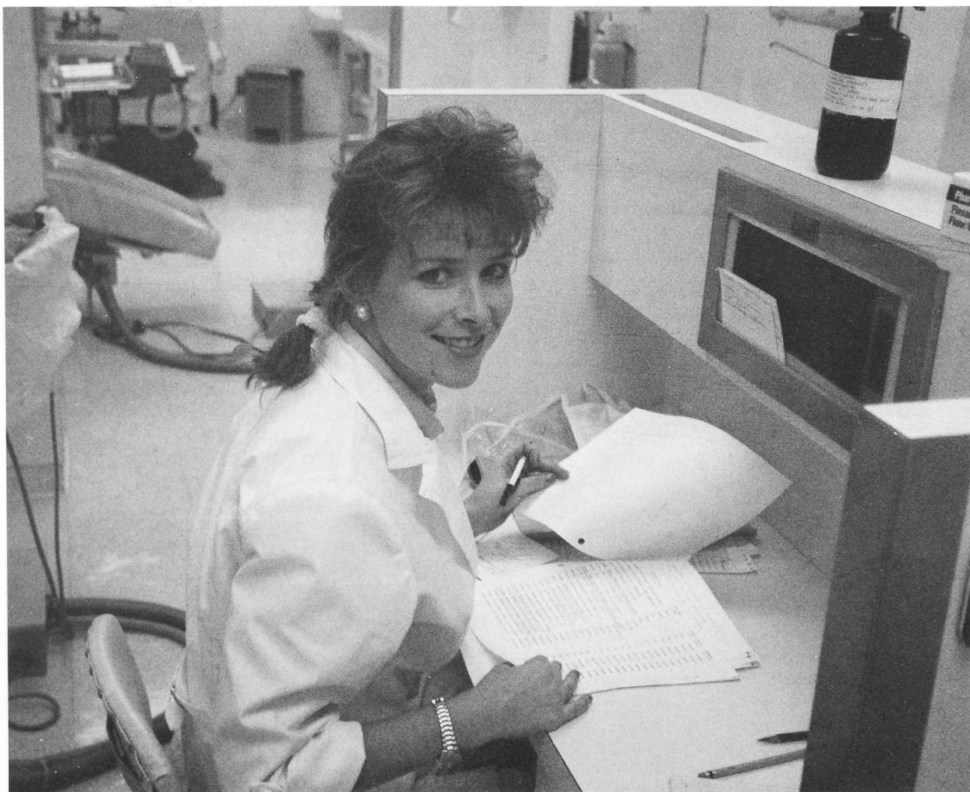
Attendance for an eight-week summer session between junior and senior years is required,

and a fee is assessed at the time of summer registration.

SELECTIVES PROGRAM

A selectives program has been implemented to allow a greater degree of diversity in the curriculum. Students enroll in one course of special interest, thus increasing the quality and variety of the curriculum. These practicum courses are designed to provide experiences in a variety of practice settings for students, in addition to those offered in the basic curriculum.

The selectives courses are offered in the spring quarter of the senior year. Examples of courses include practicums in dental office management, education, community dental hygiene, and hospital dental hygiene.



CURRICULUM

Clock Hours by Quarter

JUNIOR YEAR	Fall		A		Winter B		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
303 Theory of Dental Hygiene Practice I	—	—	—	—	10	—	20	4	—	3
317 Preclinical Dental Hygiene	40	10	18	7	—	—	—	—	90	7
321 Oral Biochemistry	—	—	—	—	11	—	—	—	—	1
322 Dental Hygiene in the Dental Specialties	22	—	—	—	—	—	—	—	—	2
323 Oral Radiology	22	—	12	16	—	—	—	—	6	3
324 Gross Anatomy	27	6	11	—	8	3	—	—	—	4
325 General and Oral Histology	33	—	12	—	10	—	—	—	—	5
331 Oral Radiography I	—	—	—	—	—	—	—	—	20	1
332 Health Education and Behavioral Science	—	—	—	—	—	—	22	—	—	2
334 Dental Anatomy	22	33	6	—	5	—	—	—	—	4
335 Physiology	—	—	—	—	—	—	44	33	—	5
344 Preventive Dentistry	22	—	—	—	—	—	—	—	—	4
345 Microbiology	—	—	18	24	15	20	—	—	—	5
355 Applied Dental Materials	—	—	—	—	34	36	—	—	—	5
383 Clinical Dental Hygiene I	—	—	—	—	—	—	—	—	120	3
Total 54										

Clock Hours by Quarter

SENIOR YEAR	Summer		Fall		Winter		Spring		Total Clinic Hours	Total Quarter Hours
	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.		
401 Oral Radiography II	—	—	—	—	—	—	—	—	56	1
402 Pharmacology	—	—	22	—	—	—	—	—	—	2
404 Clinical Dental Hygiene II	—	—	—	—	—	—	—	—	160	4
414 Clinical Dental Hygiene III	—	—	—	—	—	—	—	—	165	4
424 Clinical Dental Hygiene IV	—	—	—	—	—	—	—	—	165	4
434 Clinical Dental Hygiene V	—	—	—	—	—	—	—	—	165	4
406 General and Oral Pathology	24	—	44	—	—	—	—	—	—	6
411 Medical Emergencies	—	—	—	—	11	—	—	—	—	1
412 Dental Hygiene Seminar	—	—	4	—	4	6	11	—	—	2
413 Periodontics	—	—	22	—	11	—	—	—	—	3
421 Pediatric Dentistry	—	—	11	—	—	—	—	—	—	1
422 Health Administration and Management	—	—	—	—	—	—	22	—	—	2
423 Theory of Dental Hygiene Practice II	11	—	11	—	11	—	—	—	—	3
431 Applied Nutrition	—	—	11	—	—	—	—	—	—	1
433 Research Methods	—	—	—	—	33	—	—	—	—	3
441 Gerontology	—	—	—	—	11	—	—	—	—	1
451 Dental Hygiene Education: Methods and Techniques of Teaching	—	—	—	—	—	—	11	—	—	1
454 Public Health	—	—	22	—	5	12	—	3 (field)	—	4
461 Legal Issues in Dental Hygiene	—	—	—	—	—	—	11	—	—	1
481 Pain & Anxiety Control	—	—	—	—	11	—	—	—	—	1
411S Dental Office Management Practicum	—	—	—	—	—	—	7	21	—	1
421S Dental Hygiene Education Practicum	—	—	—	—	—	—	2	36	—	1
431S Hospital Based Practicum	—	—	—	—	—	—	9	15	—	1
441S Community Health Practicum	—	—	—	—	—	—	9	15	—	1
Total 50										

COURSE DESCRIPTIONS

Numbers have been assigned within a designated pattern. Junior courses begin with a '3'; senior courses begin with a '4'. The third digit indicates the credit hour award. An 'S' following a course number indicates a selective course.

- 303 THEORY OF DENTAL HYGIENE PRACTICE I** Emphasis on advancing dental hygiene skills and services; provision of services to medically compromised patients
- 317 PRECLINICAL DENTAL HYGIENE** Development of fundamental knowledge, skills and manual dexterity needed to perform basic dental hygiene services; lecture, laboratory and preclinical practice
- 321 ORAL BIOCHEMISTRY** Biochemistry of human oral and general body tissues; energy and nutrient requirements; enzyme roles in metabolism
- 322 DENTAL HYGIENE IN THE DENTAL SPECIALTIES** Introduction to the profession of dental hygiene; professional ethics; role of the dental hygienist in the specialties and fields of dentistry
- 323 ORAL RADIOLOGY** Principles of x-radiation, generation, properties, and safety; techniques for use of x-radiation in dentistry
- 324 GROSS ANATOMY** General survey of human systemic anatomy; emphasis on regional anatomy of head and neck; laboratory using dissected material, models and videotapes
- 325 GENERAL AND ORAL HISTOLOGY** Microscopic structure of human cells, tissues and organ systems; embryology and histology of the face, dental, and supporting oral tissues
- 331 ORAL RADIOGRAPHY I** Preclinical and clinical applications of the principles, procedures, and techniques of oral radiology
- 332 HEALTH EDUCATION AND BEHAVIORAL SCIENCE** Health education and promotion; emphasis on assessing the educational needs of patients, planning and implementing individualized educational plans and evaluating the outcomes; characteristics of various patient populations; techniques of patient management; strategies for effecting behavioral changes
- 334 DENTAL ANATOMY** Form and function of the primary and permanent human dentition; laboratory emphasis on root morphology; identification of extracted teeth; restoration of tooth form in wax to normal occlusal relation
- 335 PHYSIOLOGY** Organ systems and their relation to the normal functioning of the human body
- 344 PREVENTIVE DENTISTRY** Prevalence and etiology of oral diseases; emphasis on the role of the dental hygienist in prevention of periodontal disease and dental caries; methods for prevention of oral cancer, traumatic injury, systemic disease and malocclusion; occupational hazards
- 345 MICROBIOLOGY** Relationships between microorganisms and the human in health and disease; microbiology of the oral cavity
- 355 APPLIED DENTAL MATERIALS** Didactic and laboratory instruction in the principles of the science of dental materials and in procedures within the scope of dental hygiene practice.
- 383 CLINICAL DENTAL HYGIENE I** Application of dental hygiene principles and techniques to patient care
-
- 401 ORAL RADIOGRAPHY II** Advanced clinical application of principles, procedures and techniques of oral radiology

- 402 **PHARMACOLOGY** Actions and indications of drugs; emphasis on drugs frequently encountered in dentistry
- 404 **CLINICAL DENTAL HYGIENE II, III, IV, V** Comprehensive dental hygiene care through clinical application of procedures; intramural (dental hygiene and dental school) and extramural site rotations
- 406 **GENERAL AND ORAL PATHOLOGY** Principles of disease processes; histopathology of common diseases; pathological conditions of teeth and supporting structures; oral signs of systemic disease
- 411 **MEDICAL EMERGENCIES** Prevention of and response to both life-threatening and lesser emergency situations in the dental office
- 412 **DENTAL HYGIENE SEMINAR** Correlation of basic, clinical and social sciences; presentation of a table clinic and a clinical case; group meetings with students and faculty of the General Dentistry program
- 413 **PERIODONTICS** Characteristics, etiology and treatment of inflammatory and degenerative diseases of the supporting tissues of the teeth; emphasis on the relationship of periodontics to the practice of dental hygiene
- 421 **PEDIATRIC DENTISTRY** Child development as the basis for management of behavior in the dental environment
- 422 **HEALTH ADMINISTRATION AND MANAGEMENT** Human relations; management of a dental practice; emphasis on the dental team concept
- 423 **THEORY OF DENTAL HYGIENE PRACTICE II** Advanced clinical skills; management of patients with special needs
- 431 **APPLIED NUTRITION** Components of a nutritionally adequate diet; techniques of diet counseling for the dental patient; assessment of nutriture; diet analysis; food fads; therapeutic diets; non-traditional diets
- 433 **RESEARCH METHODS** Identification of research problems and variables; sampling; research design; statistical testing of data; critical review of dental literature
- 441 **GERONTOLOGY** Specific needs of older adults; strategies for meeting needs; attitudes of health care providers toward geriatric patients; influence of attitudes on provision of care
- 451 **DENTAL HYGIENE EDUCATION: METHODS AND TECHNIQUES OF TEACHING** Basic teaching concepts; educational psychology; test construction; student counseling; clinical evaluation
- 454 **PUBLIC HEALTH** Disease control; health care needs and utilization; governmental assistance; fund raising; insurance coverage in health care delivery systems; emphasis on needs assessment and planning; implementation, and evaluation of public health programs; administration of independent programs to specific target groups
- 461 **LEGAL ISSUES IN DENTAL HYGIENE** Jurisprudence; statutory and common law relating to dental hygiene practice
- 481 **PAIN AND ANXIETY CONTROL** Pharmacologic and non-pharmacologic techniques to control pain and anxiety in dentistry
- 411S **DENTAL OFFICE MANAGEMENT PRACTICUM** Observation of management systems used in dental practices
- 421S **DENTAL HYGIENE EDUCATION PRACTICUM** Application of educational concepts to actual teaching situations
- 431S **HOSPITAL-BASED PRACTICUM** Experience in hospital or institutional settings
- 441S **COMMUNITY DENTAL HYGIENE PRACTICUM** Experience in community settings; emphasis on public health dental hygiene at both the local and state levels

ADVANCED EDUCATION



GENERAL INFORMATION

Students enrolled in the advanced education programs may qualify for and be awarded a certificate of advanced training in a clinical field, a Master of Science degree in Oral Biology, or a Master of Science degree in the basic sciences. The Graduate Faculty Council of Baylor University joins Baylor College of Dentistry in maintaining the traditional concepts in advanced education by providing broad multi-disciplinary monitoring of the programs. All members of the College of Dentistry Graduate Faculty have fulfilled the qualifications adopted by the Baylor University Graduate Faculty Council to ensure scholarly competence. Policies and regulations affecting entrance requirements, graduate curricula, and requirements leading to graduate credits, certification, and degrees are formulated by the Graduate Faculty Councils. The Master of Science degrees are awarded by Baylor University. The Certificate is awarded by Baylor College of Dentistry. Policies and regulations stated in the Graduate Bulletin of Baylor University, Waco, Texas, are followed by Baylor College of Dentistry.

ADVANCED EDUCATION PROGRAMS

CERTIFICATE

The Certificate programs consist of a sequence of advanced lecture courses, correlative clinical instruction, seminars, cognate courses, core curriculum of concentrated study, and electives for the dentist seeking specialty training and board eligibility requirements. These programs are designed to permit a greater concentration in the area of clinical experience than those leading to a degree. The Advanced Education in General Dentistry program is one year in length and requires at least 46 quarter hours credit. Other certificate programs require a minimum of two calendar years and satisfactory completion of at least 92 quarter hours credit. The programs are approved by the Texas Educa-

tion Agency so that G.I. benefits may be used by eligible students. Affiliated hospitals include Baylor University Medical Center, Denton State School, Parkland Memorial Hospital, Texas Scottish Rite Hospital for Crippled Children and the University Affiliated Center. Departments offering the Certificate are: General Dentistry, Endodontics, Oral and Maxillofacial Surgery, Orthodontics, Pediatric Dentistry, Periodontics, and Prosthodontics.

GENERAL PRACTICE FELLOWSHIP (GPF)

Baylor College of Dentistry offers a General Practice Fellowship for selected licensed graduates who wish an additional year of training in general dentistry prior to entering practice. This innovative project combines selected didactic activities from the on-campus program in Advanced Education in General Dentistry (AEGD) with a residency in a private practice. The fellow gains experience in managing a private practice and perfects professional and clinical skills in an office-based setting.

In addition to private practice activities, fellows receive classroom instruction, demonstrations, and participation courses at Baylor College of Dentistry. They contribute one-half day per week to charitable community activities, and participate in the local dental society.

The relationship among preceptors, fellows, and the College is contractually similar to typical dentist/associate agreements. Fellows earn an income from treating patients while participating in the program.

MASTER OF SCIENCE (M.S.) IN ORAL BIOLOGY

Programs leading to the M.S. degree in Oral Biology are designed to extend the dentist's competence in both general and special areas of clinical practice as well as to develop research and/or teaching capabilities. A minimum of 27-30 months is required, and emphasis is placed on advanced theory and practice in clinical disciplines. The mentor of the thesis research project must be from the major department, and the minor field of concentration may be one of the approved

basic sciences. Departments offering this program are: Dental Materials, Orthodontics, Pediatric Dentistry, Periodontics, Endodontics, and Prosthodontics.

MASTER OF SCIENCE (M.S.) IN THE BASIC SCIENCES

Programs leading to the M.S. degree in the basic sciences are designed to prepare predoctoral students possessing a Bachelor of Science (B.S.) degree or its equivalent for a career in teaching and/or research or provide the background for a more advanced degree. These programs are also available to postdoctoral students possessing a dental degree. A minimum of two calendar years (45 quarter hours with thesis) is required. The mentor of the thesis research project must be from the major department. Departments offering this program are Anatomy, Biochemistry/Microbiology, and Pharmacology/Physiology.

ADMISSION REQUIREMENTS

CERTIFICATE AND M.S. DEGREE IN ORAL BIOLOGY

- Doctor of Dental Surgery (D.D.S.) or Doctor of Dental Medicine (D.M.D.) degree from a fully accredited institution
- Minimum total grade point average of 2.70 (0 to 4 point system) and a record of study and experience which is predictive of success in advanced education
- Except for international applicants, acceptable scores on the National Board Examinations
- Acceptable scores on the Graduate Record Examination (GRE) are required for the M.S. degree and are required of all international applicants
- A minimum score of 550 on the Test of English as a Foreign Language (TOEFL) and fluency in the English language are required of all international applicants from non-English-speaking countries.

- Approval for admission from the departmental admissions committee and the Assistant Dean for Graduate Studies and Research

M.S. DEGREE IN THE BASIC SCIENCES

- A B.S. degree or its equivalent in the biological sciences from a fully accredited institution or a D.D.S. or D.M.D. degree from a fully accredited institution
- Minimum total grade point average of 2.70 (0 to 4 point system) and a record of study and experience which is predictive of success in advanced education
- Acceptable scores on the Graduate Record Examination (GRE)
- A minimum score of 550 on the Test of English as a Foreign Language (TOEFL) and fluency in the English language are required of all international applicants
- Approval for admission from the departmental admissions committee and the Assistant Dean for Graduate Studies and Research

APPLICATION PROCEDURES

Obtain application material from the Graduate Office or the major department and return to the Registrar when completed. Application deadlines follow:

- Department of Oral and Maxillofacial Surgery - October 15 of the year prior to expected date of admission
The department utilizes the Matching Program developed by the American Association of Oral and Maxillofacial Surgeons (AAOMS) in the selection of the first-year residency student
- Department of Orthodontics - October 1 of the year prior to expected date of admission
- All other departments offering the M.S. in Oral Biology and Certificate - November 1 of the year prior to the expected date of admission

- Applications for the M.S. in the basic sciences are accepted throughout the year

An application fee must accompany the completed application. Applications are valid for one year only. The reapplication fee must accompany subsequent applications. International applicants must submit the application fee in the form of a money order drawn on a U.S. bank.

In addition, the following items must be received directly by the Registrar before an application is considered complete:

- Two official transcripts must be sent from each college the applicant has attended
- Foreign transcripts must be evaluated by an educational credentials evaluation service in the United States which is recognized by the College
- Three completed reference forms must be mailed directly to the Registrar at Baylor College of Dentistry
- A letter from the dean of the dental school certifying the applicant's grade point average and class standing
- National Board Examinations scores
- Test of English as a Foreign Language (TOEFL) score

After appropriate decisions have been made, the applicant will be notified by the Assistant Dean for Graduate Studies and Research.



FEES AND EXPENSES

Application Fee (non-refundable)	\$15.00
Application Renewal Fee (non-refundable)	5.00
Deposit required for all M.S. and Certificate students accepted (applies toward first-quarter tuition, non-refundable)	500.00

Tuition (may be adjusted as economic conditions warrant) The Degree and Certificate programs, per quarter hour	60.00
Matriculation Fee	10.00
Audit Fee, per quarter hour	25.00
Thesis Renewal, per quarter	10.00
Late Registration Fee: 1st week	25.00

An additional late fee of \$10.00 is assessed for each week or portion thereof up to 30 days from the day classes begin. The student is automatically suspended from school if the tuition and fees have not been paid by 30 days after classes begin.

Changes of course after initial registration	5.00
Graduation Fee	25.00
This fee is charged to cover the cost of hood, cap and gown rental, diploma and other expenses attendant to graduation.	
Thesis Binding Fee (per copy)	7.00

TUITION REFUND POLICY

Money applied to tuition and fees from the admission deposit is not refundable.	
Withdrawal prior to the end of the tenth class day	75%
Prior to the end of the twenty-fifth class day	25%
After the end of the twenty-fifth class day	None

FINANCIAL ASSISTANCE

Assistantships A limited number of teaching and research assistantships are available for qualified students. Stipends vary with the nature of the service and the amount of time required from the student. Information may be secured from the major department.

Fellowships Several research fellowships are available on the predoctoral level. Information concerning stipends and allowances may be obtained from the chairman of the major department.

Loans Information regarding applications for loans may be obtained from the Student Aid Office, Baylor College of Dentistry.

GRADING SYSTEM

<u>GRADE</u>	<u>NUM. RANGE</u>	<u>GRD. PTS</u>
A	93 - 100	4
B+	90 - 92	3.5
B	84 - 89	3
C+	81 - 83	2.5
C	75 - 80	2
D	70 - 74	1
F	69 & BELOW	0

ACADEMIC PROGRESS POLICIES

No student has a constitutional right to attend Baylor College of Dentistry irrespective of academic performance. Failure to achieve and maintain a prescribed scholastic requirement is a justifiable cause for dismissal.

The academic review procedure at Baylor College of Dentistry involves faculty evaluation of both cognitive and noncognitive performance in specific courses and assignment of grades. Noncognitive performance includes but is not limited to technical and interpersonal skills, attitudes, and professional character. To appeal a course grade, a student may present in writing to the Assistant Dean for Graduate Studies and Research a request for review of a final course grade if a conference with the faculty and the chairman of the course department does not resolve the question. The Assistant Dean will consider the appeal and may refer it to the Graduate Council.

The Graduate Council reviews the progress of the student in his or her advanced education program. The Council will decide if satisfactory progress is being made, whether remedial work is needed, or whether the student should be dismissed. Before a final decision is reached about either remedial work or dismissal, the student may request to appear before the Council. The student may appeal the Council's decision to the President and Dean. The appeal must be in writing and specifically state the reason for the appeal and what action by the President and Dean is sought. The decision of the President and Dean is final.

Passing grades for graduate and postgraduate students are A (93-100), B (84-92), and C (75-83). Graduate and postgraduate students are expected to maintain a cumulative grade point average of 3.0 (B) or greater. Failure to do so or receipt of a final grade in any course of D, F, or WF is sufficient cause for dismissal.

The grade of I (Incomplete) may be given only when the completed portion of work in the course is of passing quality. Students may not register in a course in which they have a grade of I other than Research for the Master's Thesis (5V98), Thesis (5V99), or Special Problems (5V41-44). Students who receive one or more incomplete grades during a quarter may have their schedule for the following quarter reduced by the number of hours of I received.

Students who are admitted to a graduate or postgraduate program on academic probation must maintain a B average during the first fifteen (15) quarter hours of graduate work in courses numbered 5000 or above. Students are automatically removed from academic probation upon completion of the first fifteen (15) quarter hours of graduate-level course work if a B average is achieved.

Any unconditionally admitted students who fail to maintain a B average with all grades in the range of C to A during any quarter of the graduate course of study will be placed on academic probation for the next twelve (12) quarter hours of residence course work or until all residence work is completed, whichever occurs first. During the probationary period, students must restore the cumulative grade point average to 3.0 (B).

CURRICULUM

CORE CURRICULUM

The core curriculum is a demanding academic requirement consisting of intensive study in the basic and related sciences. M.S. candidates are required to take eight of the available courses, and Certificate students must take six.

ANA 5210	Advanced Human Craniofacial Development and Growth
ANA 5214	Advanced Oral Histology
CS 5V01	Advanced Oral Pathology
PHS 5303	Applied Medical Physiology

CS 5222	Biostatistics
PHA 5214	Clinical Pharmacology
CS 5218	Conscious Sedation
ANA 5V33	Head and Neck Anatomy
MIB 5211	Immunology I
CS 5221	Internal Medicine
MIB 5303	Oral Biology
CS 5250	Oral Radiology
CS 5233	Physical Diagnosis
CS 5104	Psychiatry
CS 5291	Human Behavior in Dentistry
CS 5470	Research Methodology
CS 5214	Scientific Writing

CORE STUDIES (CS)

Core studies present information beyond that available in the traditional College disciplines. Since they are of value to students from every department, they are included in the Core Curriculum. The instructors for these courses may be faculty members of the College teaching departments or guest lecturers with expertise in a specific area.

COURSE DESCRIPTIONS

5104	PSYCHIATRY Principles of psychiatry and psychology applied to oral problems related to dentistry.	5291	HUMAN BEHAVIOR IN DENTISTRY Behavioral and psychological principles applied to dental practice; interpersonal communication techniques related to the doctor-patient relationship; discussion of patient satisfaction and compliance with preventive or treatment regimens; etiology, recognition, and behavioral management of dental pain and anxiety; consideration of both emotional normal and psychopathologic patients; employee selection and management; research in patient satisfaction and marketing; current ethical issues in dentistry; seminar format.
5214	SCIENTIFIC WRITING Writing style and mechanics to improve proficiency in preparation of technical papers and theses.	5470	RESEARCH METHODOLOGY The process of research, ranging from initiation of research projects to presentation of findings; traditional and innovative approaches to oral health research.
5218	CONSCIOUS SEDATION Pain and anxiety-control methodologies; pharmacology of sedative-hypnotic, anxiolytic drugs, and nitrous oxide; routes of administration.	5V01	ADVANCED ORAL PATHOLOGY Diseases of the head and neck; developmental malformations; oral signs of systemic diseases; salivary gland disorders; neoplasms of odontogenic and nonodontogenic origin; four quarter hours credit plus one additional hour for optional laboratory.
5221	INTERNAL MEDICINE Oral manifestations of systemic disease; problems in internal medicine and diagnosis.		
5222	BIOSTATISTICS Elementary statistical methods for workers in biological sciences; selection of methods appropriate for experiment design and data interpretation.		
5233	PHYSICAL DIAGNOSIS Patient examination, history-taking, and physical diagnosis in hospitalized patients.		
5250	ORAL RADIOLOGY Generation of x-rays; operation of x-ray unit; factors in the production of radiographic images; intraoral, extraoral, and specialized radiographic techniques; basic concepts of radiation physics, biology, and protection.		

DEPARTMENT PROGRAMS

ENDODONTICS

Profesor James L. Gutmann, *Chairman*

Professor John W. Harrison,

Program Director

Associate Professor Glickman

Graduate Program (M.S. with Thesis):

110 quarter hours minimum

24-30 months minimum

Postgraduate Program (Certificate):

94 quarter hours minimum

24 months minimum

Starting date: June

CURRICULUM

FIRST YEAR

Summer

		Credit Hours
END 5121	Endodontic Treatment Planning Conference	1
END 5141	Special Problems in Endodontics	1*
END 5211	Current Literature Review	2
END 5241	Application and Assessment of Endodontic Techniques	2
END 5401	Biological Principles of Endodontic Therapy	4
CS 5470	Research Methodology	4*
PHS 5214	Clinical Pharmacology	2
CS 5233	Physical Diagnosis	2

14(18)

Fall

END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5302	Biological Basis for Pulp Therapy	3
END 5312	Clinical Endodontics	3
PHS 5303	Applied Medical Physiology	3
CS 5214	Scientific Writing	2*
CS 5222	Biostatistics	2

14(16)

PROGRAM OBJECTIVES

The program objectives are:

- To provide a highly integrated selection of courses and educational experiences that emphasize the development of a strong basic science background coupled with advanced diagnostic and clinical skills
- To develop a highly skilled specialist who is prepared to meet the challenges of today's oral health care needs as a clinician
- To encourage and develop skills as teachers and researchers

FIRST YEAR

Winter

		Credit Hours
END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5302	Biological Basis for Pulp Therapy	3
END 5312	Clinical Endodontics	3
ANA 5V33	Head and Neck Anatomy	2

11

Spring

END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5302	Biological Basis for Pulp Therapy	3
END 5312	Clinical Endodontics	3
MIB 5303	Oral Microbiology	3
CS 5V01	Advanced Oral Pathology	4

16

CURRICULUM

SECOND YEAR

Summer		Credit Hours
END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5415	Advanced Clinical Endodontics	4
END 5V98	Research for the Master's Thesis	1*
		7(8)

Fall

END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5316	Advanced Clinical Endodontics II	3
END 5326	Biological Basis for Periradicular Therapy	3
END 5V98	Research for the Master's Thesis	2*
		9(11)

THIRD YEAR

Summer		Credit Hours
END 5V99	Thesis	1-5*

Fall

END 5V99	Thesis	1-5*
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* Starred courses and hours in parenthesis are for degree candidates only

SECOND YEAR

Winter		Credit Hours
END 5121	Endodontics Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5326	Biological Basis for Periradicular Therapy	3
END 5417	Advanced Clinical Endodontics III	4
END 5V98	Research for the Master's Thesis	2*
ANA 5214	Advanced Oral Histology	2
MIB 5211	Immunology	2
		14(16)

Spring

END 5121	Endodontic Treatment Planning Conference	1
END 5211	Current Literature Review	2
END 5318	Advanced Clinical Endodontics IV	3
END 5326	Biological Basis for Periradicular Therapy	3
END 5V99	Thesis	1-5*
		9(10-14)

COURSE DESCRIPTIONS

5121 ENDODONTIC TREATMENT PLANNING CONFERENCE
 Diagnosis and treatment planning for complicated endodontic cases requiring advanced skills; case presentation by students and graduate faculty in a prescribed format; formulation and defense of diagnosis and treatment plan with biologic rationale based on documented scientific or clinical evidence; students register for a total of eight quarters.
 Harrison, Staff 1 qtr. hr.

COURSE DESCRIPTIONS

- 5141 SPECIAL PROBLEMS IN ENDODONTICS** Exploration in depth of subjects of individual interest under graduate faculty supervision; concentrated and detailed search for information and analysis of published data as a basis for special reports, protocol development, research orientation, and thesis formulation; students register for a total of three quarters.
Staff 1 qtr. hr.
- 5211 CURRENT LITERATURE REVIEW** Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; student assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; students register for a total of eight quarters.
Staff 2 qtr. hrs.
- 5241 APPLICATION AND ASSESSMENT OF ENDODONTIC TECHNIQUES** Assessment, development, and enhancement of clinical skills in endodontic therapy; laboratory format; students perform a specific series of increasingly complex procedures under simulated clinical conditions; student self-assessment of procedures in a seminar forum before graduate faculty.
Gutmann, Staff 2 qtr. hrs.
- 5302 BIOLOGICAL BASIS FOR PULP THERAPY** Biological basis for pulp therapy in seminar/lecture format based on classic and current scientific literature; embryology, physiology, and microanatomy of the dental pulp and related structures; integration of prevention, etiology, diagnosis, and treatment using scientific principles; students register for a total of three quarters.
Harrison, Staff 3 qtr. hrs.
- 5312 CLINICAL ENDODONTICS** Diagnosis, management, and treatment of patients requiring endodontic therapy by first-year graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; students register for a total of three quarters.
Staff 3 qtr. hrs.
- 5316 ADVANCED CLINICAL ENDODONTICS II** Continuation of Endodontics 5415.
Staff 3 qtr. hrs.
- 5318 ADVANCED CLINICAL ENDODONTICS IV** Continuation of Endodontics 5417.
Staff 3 qtr. hrs.
- 5326 BIOLOGICAL BASIS FOR PERIRADICULAR THERAPY** Seminar/lecture format based on current scientific literature; microanatomy, physiology, and pathology of the periradicular soft tissues and bone; etiology, diagnosis, surgical- and non-surgical treatment of periradicular disease in healthy and medically compromised patients; formulation of a biologic rationale for treatment from extensive literature review; students register for a total of three quarters.
Harrison, Staff 3 qtr. hrs.
- 5401 BIOLOGICAL PRINCIPLES OF ENDODONTIC THERAPY** Seminars with assigned reading from the scientific literature on subjects relating to the myriad of procedural steps and techniques proposed for non-surgical endodontic therapy; students are challenged to assess the available evidence and to determine the biologic basis for acceptable and unacceptable methods and techniques.
Harrison, Staff 4 qtr. hrs.
- 5415 ADVANCED CLINICAL ENDODONTICS** Diagnosis, management, and treatment of patients with advanced endodontic problems by second-year graduate students under faculty supervision; students are challenged with medically compromised patients, complex treatment and retreatment cases, difficult interdisciplinary cases, complicated emergency cases, and cases requiring fistulative, periradicular, or corrective surgical intervention.
Staff 4 qtr. hrs.
- 5417 ADVANCED CLINICAL ENDODONTICS III** Continuation of Endodontics 5316.
Staff 4 qtr. hrs.
- 5V44 ADVANCED SPECIAL PROBLEMS IN ENDODONTICS** Advanced topics of individual interest.
Staff 1-2 qtr. hrs.
- 5V98 RESEARCH FOR THE MASTER'S THESIS** Original research on a meaningful problem related to endodontics as partial fulfillment for the master's degree; students establish a research problem, search the literature, prepare a research proposal for submission to funding agencies, and conduct necessary experimental and control procedures to test the established hypothesis; students register for one to five hours per quarter.
Staff Max. 5 qtr. hrs.
- 5V99 THESIS** Credit for completion of thesis in acceptable form.
Staff Max. 5 qtr. hrs.

GENERAL DENTISTRY

Assoc. Prof. Thomas K. Hasegawa, Jr.,
Acting Chairman
 Assistant Professor William F. Wallace,
Program Director

Residency (1 year, no degree)
 46 quarter hours
 Starting date: June

PROGRAM OBJECTIVES

The program objectives are:

- To provide residents with both clinical and didactic training in all dis-

ciplines of general dentistry beyond that received in the undergraduate curriculum

- To increase both the confidence and competence of residents in all components of general dentistry
- To improve the resident's ability in diagnosis, treatment planning, oral examination, and physical evaluation of the multi-discipline patient
- To assist the resident in developing a working knowledge of practice management and administration

CURRICULUM

FIRST YEAR*		Credit Hours	FIRST YEAR*		Credit Hours
CS 5218	Conscious Sedation	2	GD 5218	Advanced Pediatric Dentistry	2
CS 5221	Internal Medicine	2	GD 5219	Treatment Planning Conferences	2
CS 5233	Physical Diagnosis	2	GD 5220	Current Literature Reviews	2
GD 5201	Biometrics	2	GD 5221	Clinical Pathology Conferences	2
GD 5212	Advanced Clinical Endodontics	2	GD 5322	Principles of Practice Management	3
GD 5303	Advanced Maxillofacial Surgery	3	GD 5123	Case Presentations	1
GD 5213	Advanced Removable Prosthodontics	2	GD 5224	Ethics in Dentistry	2
GD 5214	Advanced Fixed Prosthodontics	2	GD 5325	Research for Publishable Paper	3
GD 5215	Advanced Clinical Periodontology	2	GD 5226	Stomatology	2
GD 5216	Advanced Clinical Orthodontics	2	GD 5227	Advanced Geriatric Dentistry	2
GD 5217	Current Concepts in Operative Dentistry	2	GD 5228	Advanced Dentistry for Special Care Patients	2

*Courses may be given in more than one quarter.

COURSE DESCRIPTIONS

- 5123 **CASE PRESENTATIONS** Student presentations to a faculty forum of completed, complex cases with defense of treatment plan.
Staff 1 qtr. hr.
- 5201 **BIOMETRICS** Elementary statistical methods for workers in biological sciences; selection of methods appropriate for experiment design and date interpretation.
Staff 2 qtr. hrs.
- 5212 **ADVANCED CLINICAL ENDODONTICS** Diagnosis, management, and treatment of patients with complex endodontic problems; surgical and non-surgical treatment and re-treatment of complicated cases.
Staff 2 qtr. hrs.
- 5213 **ADVANCED REMOVABLE PROSTHODONTICS** Diagnosis, treatment planning, and clinical treatment of complicated cases requiring advanced skills in removable prosthodontics.
Staff 2 qtr. hrs.
- 5214 **ADVANCED FIXED PROSTHODONTICS** Diagnosis, treatment planning, and clinical treatment of complicated cases requiring advanced skills in fixed prosthodontics.
Staff 2 qtr. hrs.
- 5215 **ADVANCED CLINICAL PERIODONTOLOGY** Diagnosis, treatment planning, prognosis, and instrumentation skills; basic surgical techniques.
Staff 2 qtr. hrs.
- 5216 **ADVANCED CLINICAL ORTHODONTICS** Diagnosis and evaluation of a broad variety of malocclusions; emphasis on minor tooth movement, interceptive treatment, and maintenance of arch integrity.
Staff 2 qtr. hrs.
- 5217 **CURRENT CONCEPTS IN OPERATIVE DENTISTRY** Recent theories and techniques relating to restorative dental materials; emphasis on indications and contraindications for tooth-colored restorative materials.
Staff 2 qtr. hrs.
- 5218 **ADVANCED PEDIATRIC DENTISTRY** Diagnosis, treatment planning, and clinical treatment of complex pediatric patients; emphasis on medically compromised and behavior management cases.
Staff 2 qtr. hrs.
- 5219 **TREATMENT PLANNING CONFERENCES** Diagnosis and treatment planning for complicated cases involving a multi-disciplinary approach; student presentation of complex cases to a graduate faculty forum; defense of treatment plans using documented scientific or clinical evidence.
Staff 2 qtr. hrs.
- 5220 **CURRENT LITERATURE REVIEWS** Detailed review of recent literature on a topic chosen by the graduate faculty; enhancement of student knowledge in the subject area and ability to evaluate scientific literature.
Staff 2 qtr. hrs.
- 5221 **CLINICAL PATHOLOGY CONFERENCES** Presentation of clinical cases representing various types of oral pathology; reasoning approach to a primary diagnosis.
Staff 2 qtr. hrs.
- 5224 **ETHICS IN DENTISTRY** Ethical approach to practice promotion and professional interactions.
Staff 2 qtr. hrs.
- 5226 **STOMATOLOGY** Participation and experience in the Stomatology Clinic; multi-disciplinary approach to patients with chronic, debilitating diseases with oral manifestations.
Staff 2 qtr. hrs.
- 5227 **ADVANCED GERIATRIC DENTISTRY** Diagnosis, treatment planning, and treatment of geriatric patients with special needs; emphasis on medically, physically, and mentally compromised patients.
Staff 2 qtr. hrs.
- 5228 **ADVANCED DENTISTRY FOR SPECIAL CARE PATIENTS** Clinical application and experience in the care and treatment of special-care patients with medical, physical, and mental handicaps; rotation through the Denton State School.
Staff 2 qtr. hrs.
- 5303 **ADVANCED MAXILLOFACIAL SURGERY** Principles of oral surgery techniques and procedures in outpatient clinic and hospital environments; demonstrations and clinical application.
Staff 3 qtr. hrs.
- 5322 **PRINCIPLES OF PRACTICE MANAGEMENT** Principles of office management including accounting, insurance, financial planning, office design, and personnel relations.
Staff 3 qtr. hrs.
- 5325 **RESEARCH FOR PUBLISHABLE PAPER** Search of literature, selection and delineation of a research problem, and development of a paper suitable for publication.
Staff 3 qtr. hrs.

ORAL AND MAXILLO-FACIAL SURGERY

Professor R. Gilbert Triplett, *Chairman*
Associate Professor Schow, *Program Director*

Assistant Professors Roszkowski,
Schneiderman

Postgraduate Program (Certificate)
48 months minimum
Starting Date: July
July - Hospital Rotations

PROGRAM OBJECTIVES

The program objectives are:

- To impart to the resident a clinical and academic background that meets or exceeds the requirements and essentials of a residency program in oral and maxillofacial surgery
- To provide a program that will prepare the resident for eventual successful completion of the certification examination of the American Board of Oral and Maxillofacial Surgery
- To develop in the student the surgical expertise, diagnostic acumen, and patient management skills that will enable him or her to pursue either an academic career or a practice in this specialty
- To foster in the student an attitude of critical inquiry and intellectual self-renewal throughout the professional career and to stimulate the desire to provide effective, ethical delivery of health-care services to the public
- To stimulate in the student an orderly intellectual curiosity through the teaching of research methodology, the design and conduct of meaningful research, and the defense of the thesis



CURRICULUM

FIRST YEAR

Summer

		Credit Hours
OS 5212	Seminar in Oral & Maxillofacial Surgery	2
OS 5301	Oral & Maxillofacial Lectures and Demonstrations	3
OS 5333	Clinical Oral & Maxillofacial Surgery in an Outpatient Clinic	3
		8

Fall

OS 5333	Clinical Oral & Maxillofacial Surgery in an Outpatient Clinic	3
OS 5409	Hospital Procedures and Records and Teaching Rounds in Oral & Maxillofacial Surgery	4
		7

FIRST YEAR

Winter

		Credit Hours
OS 5212	Seminar in Oral & Maxillofacial Surgery	2
OS 5301	Oral & Maxillofacial Lectures and Demonstrations	3
OS 5333	Clinical Oral & Maxillofacial Surgery in an Outpatient Clinic	3
OS 5409	Hospital Procedures and Records and Teaching Rounds in Oral & Maxillofacial Surgery	4
ANA 5214	Advanced Oral Histology	2
ANA 5V33	Head and Neck Anatomy	3
		17

Spring

OS 5301	Oral & Maxillofacial Lectures and Demonstrations	3
OS 5333	Clinical Oral & Maxillofacial Surgery in an Outpatient Clinic	3
		6

CURRICULUM

SECOND YEAR

Summer

OS 5212	Seminar in Oral & Maxillofacial Surgery	2
OS 5219	Clinical Conferences	2
OS 5337	Advanced Clinical Oral & Maxillofacial Surgery in the Hospital	3
		7

Fall

OS 5V24	Hospital Rotations	1
OS 5219	Clinical Conferences	2
OS 5337	Advanced Clinical Oral & Maxillofacial Surgery in the Hospital	3
		6

SECOND YEAR

Winter

OS 5V24	Hospital Rotations	1
OS 5219	Clinical Conferences	2
OS 5337	Advanced Clinical Oral & Maxillofacial Surgery in the Hospital	3
OS 5405	Hospital Emergency Room Techniques and Clinical Experience	4
		10

Spring

OS 5219	Clinical Conferences	2
OS 5337	Advanced Clinical Oral & Maxillofacial Surgery in the Hospital	3
		5

THIRD YEAR

Summer

OS 5V98	Research for the Thesis	5
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Fall

OS 5V24	Hospital Rotations	0
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Winter

OS 5V24	Hospital Rotations	0
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Spring

OS 5V24	Hospital Rotations	0
		5

FOURTH YEAR

Summer

OS 5V99	Thesis	5
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Fall

OS 5V24	Hospital Rotations	0
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Winter

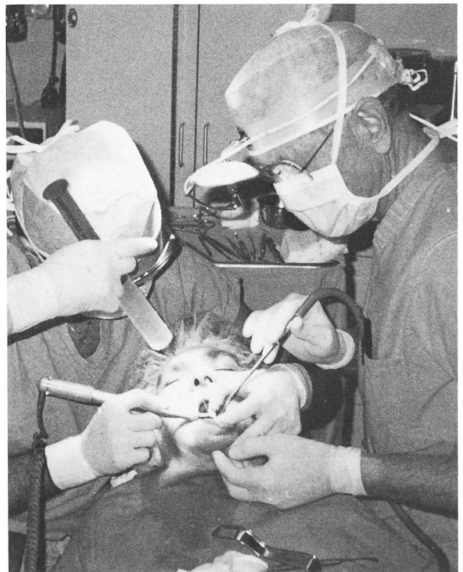
OS 5V24	Hospital Rotations	0
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Spring

OS 5V24	Hospital Rotations	0
		5

COURSE DESCRIPTIONS

- 5212 SEMINAR IN ORAL AND MAXILLOFACIAL SURGERY**
 Discussion of oral surgery topics by students, faculty, or guest lecturers; new clinical or surgical procedures, research methods and results, and other topics timely to the state-of-the-art of the specialty; may be repeated a maximum of four quarters.
 Roszkowski, Schow, Staff
 2 qtr. hrs./qtr.
- 5219 CLINICAL CONFERENCES** Pre- and post-surgical case presentation in Oral Surgery and Oral Pathology by students and faculty; diagnostic and treatment methods; may be repeated a maximum of four quarters.
 Roszkowski, Schow 2 qtr. hrs./qtr.
- 5301 ORAL AND MAXILLOFACIAL LECTURES AND DEMONSTRATIONS** Principles of oral surgery techniques and procedures presented and integrated into clinical demonstrations; applications to patient treatment in both hospitals and clinics; may be repeated a maximum of four quarters.
 Staff 3 qtr. hrs./qtr.
- 5333 CLINICAL ORAL MAXILLOFACIAL SURGERY IN AN OUTPATIENT CLINIC** Minor and major oral surgery procedures by students under supervision; may be repeated a maximum of four quarters.
 Roszkowski, Schow 3 qtr. hrs./qtr.
- 5337 ADVANCED CLINICAL ORAL AND MAXILLOFACIAL SURGERY IN THE HOSPITAL** Major oral and maxillofacial surgical procedures by students under supervision; may be repeated a maximum of four quarters.
 Schow, Staff 3 qtr. hrs./qtr.
- 5405 HOSPITAL EMERGENCY ROOM TECHNIQUES AND CLINICAL EXPERIENCE** Triage and treatment of emergency patients; initial evaluation, requesting of laboratory studies, consultations, recordkeeping, and methods of treatment for the comprehensive management of patients.
 Roszkowski, Schow, Staff
 4 qtr. hrs./qtr.
- 5409 HOSPITAL PROCEDURES AND RECORDS AND TEACHING ROUNDS IN ORAL AND MAXILLOFACIAL SURGERY**
 Hospital recordkeeping, chart composition, and hospital protocols; lectures and demonstrations; participation in on-call status at the hospital; may be repeated a maximum of four quarters.
 Roszkowski, Schow, Staff
 4 qtr. hrs./qtr.
- 5V24 HOSPITAL ROTATIONS** Rotation through related services at Baylor University Medical Center, Parkland Memorial Hospital, and Texas Scottish Rite Hospital (i.e., Anesthesiology, Internal Medicine, Cardiology, General Surgery, Neurosurgery, Radiology, and Emergency Medicine); in-depth training and experience to improve the quality of the student's surgical background; may be repeated a maximum of two quarters.
 Hospital Staff 1 qtr. hr./qtr.
- 5V98 RESEARCH FOR THE THESIS**
 Various research problems of a clinical and basic science nature in oral surgery; designed to lead to the completion of a thesis problem.
 Schneiderman, Staff Max. 5 qtr. hrs.
- 5V99 THESIS** Credit awarded for the writing and completion of the thesis in acceptable form.
 Schneiderman, Staff Max. 5 qtr. hrs.



ORTHODONTICS

Professor Richard F. Ceen, *Chairman*
Clinical Professors C.M. Alexander,
R.G. Alexander, Gaylord, Matthews
Associate Professors Buschang, Sachdeva
Clinical Associate Professors Attaway,
Aubrey, Genecov, Jacobs, Moore,
Nichol, Oakes, Williams

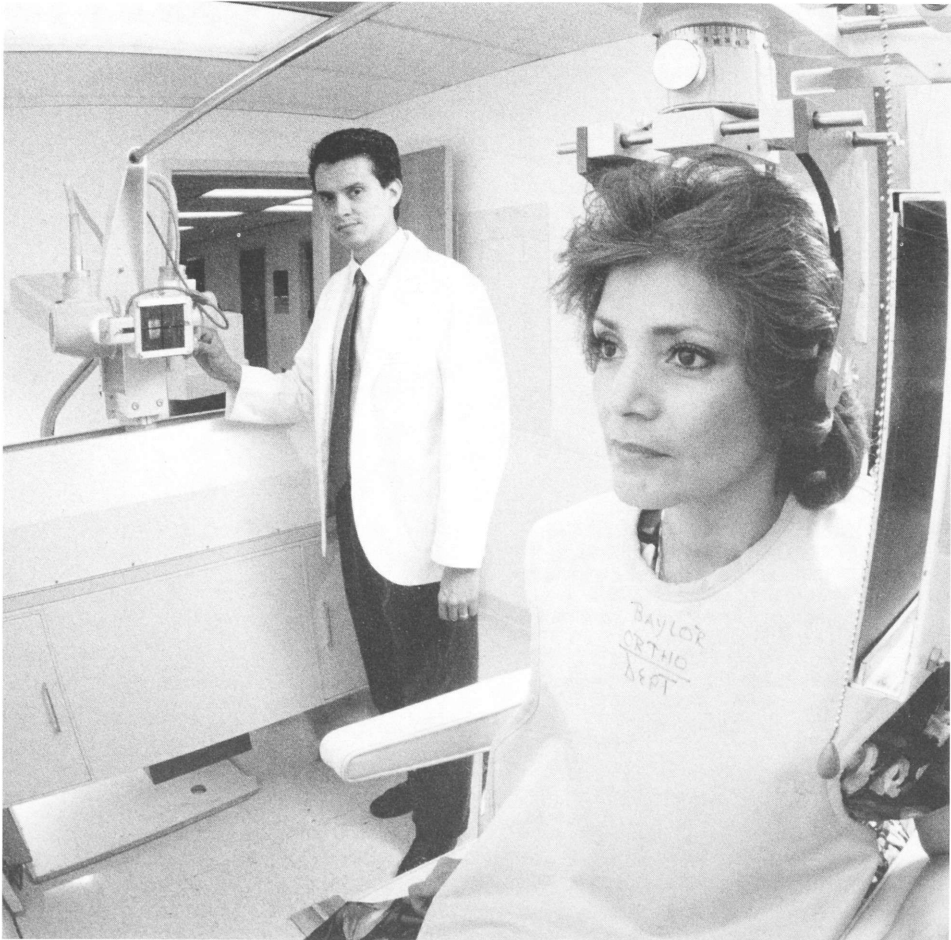
Graduate Program (M.S. with Thesis):
110 quarter hours minimum
27 months minimum

Postgraduate Program (Certificate):
92 quarter hours minimum
24 months minimum
Programs are combined
Starting Date: June

PROGRAM OBJECTIVES

The program objectives are:

- To provide the student with a well-balanced educational experience, integrating a strong foundation in the basic sciences with a diverse clinical education
- To graduate a specialist with the highly refined analytical, clinical, and management skills necessary to provide optimum oral health care



CURRICULUM

FIRST YEAR

Summer

		Credit Hours
ORT 5225	Orthodontic Seminar/ Clinical Patient Evaluation	2
ORT 5315	Orthometrics	3
ORT 5333	Clinical Orthodontics I	3
ORT 5414	Orthodontic Techniques I	4
PER 5270	Research Methodology	4
ORT 5327	Ortho Decision Analysis	3
		20

Fall

ORT 5101	Biomechanics I	1
ORT 5106	Dental Materials	1
ORT 5132	Orthodontic Philosophies	1
ORT 5333	Clinical Orthodontics I	3
ORT 5V12	Orthognathic Surgery I	2
ORT 5142	Clinical Patient Conference Seminar	1
CS 5214	Scientific Writing	2
CS 5222	Biostatistics	2
ORT 5136	Literature Review Seminar	1
		14

FIRST YEAR

Winter

		Credit Hours
ORT 5102	Biomechanics II	1
ORT 5134	Functional Dento-facial ORPDS	1
ORT 5212	Functional Dento-facial Ortho/Appliances	2
ORT 5135	Seminar/Treatment Planning	1
ORT 5333	Clinical Orthodontics I	3
ORT 5V22	Orthognathic Surgery II	2
ORT 5V41	Special Problems	1
ANA 5210	Human Craniofacial Growth & Development	2
ANA 5V33	Head and Neck Anatomy	2
ORT 5142	Clinical Patient Conference Seminar	1
CS 5221	Internal Medicine	2
ORT 5136	Literature Review Seminar	1
		19

Spring

ORT 5103	Biomechanics II	1
ORT 5142	Clinical Patient Conference Seminar I	1
ORT 5105	Occlusion	1
ORT 5231	Craniofacial Growth & Developemnt: Implications	2
ORT 5333	Clinical Orthodontics I	3
ORT 5V23	Orthognathic Surgery III	2
ORT 5V41	Special Problems	2
CS 5291	Human Behavior in Dentistry	2
CS 5V01	Advanced Oral Pathology	4
ORT 5136	Literature Review Seminar	1
		19

CURRICULUM

SECOND YEAR

Summer

		Credit Hours
ORT 5104	Biomechanics IV	1
ORT 5208	Principles of Scientific Methodology	2
ORT 5334	Clinical Orthodontics II	3
ORT 5608	Orthodontic Techniques II	6
ORT 5V41	Special Problems (Case Reanalysis Seminar)	2
		14

SECOND YEAR

Winter

		Credit Hours
ORT 5130	Marketing and Ethics	1
ORT 5209	Relapse and Retention	2
ORT 5142	Clinical Patient Conference Seminar	1
ORT 5334	Clinical Orthodontics II	3
ORT 5V98	Research for the Master's Thesis	3
		10

Fall

ORT 5129	Practice Administration	1
ORT 5334	Clinical Orthodontics II	3
ORT 5136	Literature Review Seminar	1
ORT 5V98	Research for the Master's Thesis	2
ORT 5142	Clinical Patient Conference Seminar	1
		8

Spring

ORT 5131	History of Orthodontics	1
ORT 5334	Clinical Orthodontics II	3
ORT 5142	Clinical Patient Conference Seminar	1
ORT 5V99	Thesis	2
ORT 5136	Literature Review Seminar	1
		8

THIRD YEAR

Summer

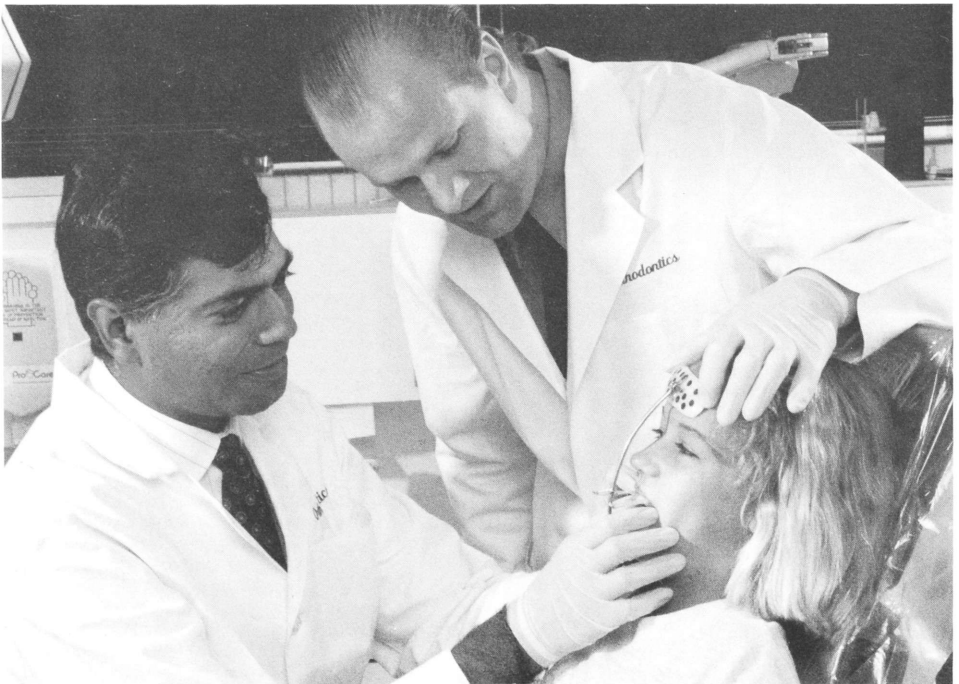
		Credit Hours
ORT 5V99	Thesis	3

- 5101 BIOMECHANICS I** Mechanical principles and biologic factors affecting tooth movement; introduction to forces, statics and dynamics, scalars and vectors, and analysis of force systems. Sachdeva 1 qtr. hr.
- 5102 BIOMECHANICS II** Force and movement; basic concepts fundamental to an understanding of tooth movement. Sachdeva 1 qtr. hr.
- 5103 BIOMECHANICS III** Continuation of 5102; concepts of center of rotation, equivalence, movement to force ratio, and equilibrium. Sachdeva 1 qtr. hr.

COURSE DESCRIPTIONS

- 5104 **BIOMECHANICS IV** Applied biomechanics; methods of application of orthodontic force systems for tooth movement; demonstrations of a variety of orthodontic treatment mechanics. Sachdeva 1 qtr. hr.
- 5105 **OCCCLUSION** Concepts of occlusion and its relationship to function and dysfunction. Aubrey 1 qtr. hr.
- 5106 **DENTAL MATERIALS** Evaluation and utilization of dental materials used in clinical orthodontics. Genecov 1 qtr. hr.
- 5129 **PRACTICE ADMINISTRATION** Basic principles of office management including staff selection, office design, accounting, insurance, inventory control, and financial planning. Gaylord 1 qtr. hr.
- 5130 **MARKETING AND ETHICS** Ethical approach to practice promotion and professional interactions. Gaylord 1 qtr. hr.
- 5131 **HISTORY OF ORTHODONTICS** Development of the orthodontic specialty from its inception to the present. Gaylord 1 qtr. hr.
- 5132 **ORTHODONTIC PHILOSOPHIES** Evaluation of current orthodontic concepts and fixed appliance treatment and techniques. Nichol 1 qtr. hr.
- 5134 **FUNCTIONAL DENTOFACIAL ORTHOPEDICS** Orthopedic concepts of alteration of abnormal growth of the jaws. Staff 1 qtr. hr./qtr.
- 5135 **ORTHODONTIC SEMINAR/TREATMENT PLANNING** A three-dimensional, problem-oriented approach to treatment planning; students explore approaches to an individualized optimal treatment plan and design appropriate mechanotherapy for the patient. Ceen, Sachdeva, Staff 1 qtr. hr.
- 5136 **LITERATURE REVIEW SEMINAR** Review and discussion of current clinical and research literature in orthodontics; may be repeated up to 6 quarters with different topics. Buschang 1 qtr. hr.
- 5142 **CLINICAL PATIENT CONFERENCE SEMINAR** Presentation by resident of the diagnosis, treatment planning, and treatment of current patients; may be repeated up to 6 quarters. Ceen, Sachdeva, Staff 1 qtr. hr.
- 5208 **PRINCIPLES OF SCIENTIFIC METHODOLOGY** Basic precepts of research and the methodology of critical literature review in preparation for a master's thesis proposal. Buschang 2 qtr. hrs.
- 5209 **RELAPSE AND RETENTION** Etiology of post-treatment changes over short and long term; design and use of orthodontic retention appliances. Ceen 2 qtr. hrs.
- 5212 **FUNCTIONAL DENTO-FACIAL ORTHOPEDICS/APPLIANCES** Techniques of construction and adjustment of orthopedic appliances. Richardson 2 qtr. hrs.
- 5225 **SEMINAR IN CLINICAL PATIENT EVALUATION** Clinical examination and record gathering for patients with malocclusions. Crosby, Glenn, Sachdeva 2 qtr. hrs.
- 5231 **CRANIOFACIAL GROWTH AND DEVELOPMENT II** Cranial implications of changes in craniofacial form and function; critical evaluation of the literature. Buschang, Staff 2 qtr. hrs.
- 5315 **ORTHOMETRICS/DATA BASE ANALYSIS** Principles of clinimetrics; data collection, entry, and interpretation for orthodontic patients; maturation assessment and diagnostic cephalometric imaging; lecture and laboratory. Staff 3 qtr. hrs.
- 5327 **ORTHODONTIC DECISION ANALYSIS** Principles of logic in planning treatment for an orthodontic patient; theory of decision-making in orthodontics; lectures, laboratory, seminars. Sachdeva 3 qtr. hrs.
- 5333 **CLINICAL ORTHODONTICS I** Diagnosis and treatment of patients with a broad variety of malocclusions; patients requiring early treatment, dento-facial orthopedics or orthognathic surgery; TMJ and compromised adult dentitions; emphasis on treatment with a variety of edgewise

- appliances including lingual techniques.
Staff 3 qtr. hrs.
- 5334 CLINICAL ORTHODONTICS II**
Continuation of Clinical Orthodontics I 5333.
Staff 3 qtr. hrs.
- 5414 ORTHODONTIC TECHNIQUES**
Edgewise continuous arch techniques involving Typodon treatment of multiple simulated malocclusions.
Staff 4 qtr. hrs.
- 5608 ORTHODONTIC TECHNIQUES II**
Concepts of the lingual appliance and segmental arch therapy.
Staff 6 qtr. hrs.
- 5V11 CEPHALOMETRICS AND RADIOLOGY I** History and development of cephalometric theory and techniques.
Staff 1-2 qtr. hrs.
- 5V12 CEPHALOMETRICS AND RADIOLOGY II** Detailed overview and practical application of cephalometric analysis systems.
Staff 1-2 qtr. hrs.
- 5V21 ORTHOGNATHIC SURGERY I**
Clinical evaluation and diagnosis of patients requiring orthognathic treatment.
Staff 1-2 qtr. hrs.
- 5V22 ORTHOGNATHIC SURGERY II**
Treatment planning for the surgical patient.
Staff 1-2 qtr. hrs.
- 5V23 ORTHOGNATHIC SURGERY III**
Case finishing and reanalysis of surgical treatment.
Staff 1-2 qtr. hrs.
- 5V41 SPECIAL PROBLEMS** Opportunity for student to pursue concentrated and supervised study of orthodontic problems of individual interest under staff supervision; may be repeated up to 3 quarters.
Staff 1-5 qtr. hrs.
- 5V98 RESEARCH FOR THE MASTER'S THESIS** Activity to establish a research problem, search the literature, limit the problem, and explore technical difficulties involved in the pursuit of the research for the master's degree.
Staff Max. 5 qtr. hrs.
- 5V99 THESIS** For degree candidates only; credit for the major problem and thesis must total 10 qtr. hrs., based on quality and quantity of work done.
Staff Max. 5 qtr. hrs.



PEDIATRIC DENTISTRY

Professor N. Sue Seale, *Chairman*
Associate Professor Wilson

Graduate Program (M.S. with Thesis).
110 quarter hours minimum
27-30 months minimum

Postgraduate Program (Certificate):
92 quarter hours minimum
24 months minimum
Programs may be combined.
Starting Date: June

PROGRAM OBJECTIVES

The program objectives are:

- To produce a graduate who is confident and competent in all aspects of

clinical pediatric dentistry, including state-of-the-art techniques of patient management and preventive, restorative, interceptive orthodontic, emergency care, practice management, and communication skills

- To produce a graduate who will be well-versed in all aspects of hospital and institutional dentistry, including team management of medically, emotionally, mentally, and/or physically compromised patients
- To produce a graduate who will have the ability to critically evaluate research literature and have the inquiring attitude necessary to pursue advancement in the practice, research, and teaching of pediatric dentistry

CURRICULUM

FIRST YEAR

Summer

		Credit Hours
PD 5110	Cephalometrics	1
PD 5442	Orientation	4
PD 5201	Child Development	2
PHY 5214	Clinical Pharmacology	2
PD 5V34	Clinical Pediatric Dentistry	3
		12

Fall

PD 5220	Diagnostic Strategies	2
PD 5306	Behavior Management	3
CS 5218	Conscious Sedation	2
PHY 5303	Applied Medical Physiology	3
PD 5V34	Clinical Pediatric Dentistry	2
		12

FIRST YEAR

Winter

		Credit Hours
PD 5112	Appliance Construction	1
PD 5V33	Head and Neck Anatomy	2
PD 5328	Traumatic Injuries	3
ANA 5210	Advanced Human Craniofacial Development and Growth	2
PD 5V34	Clinical Pediatric Dentistry	2
		10

Spring

CS 5332	Cariology	3
PD 5212	Mixed Dentition	2
PD 5316	Principles of Pediatrics	3
CS 5V01	Advanced Oral Pathology	4
ORT 5231	Growth and Development II	2
		14

CURRICULUM

SECOND YEAR

Summer

		Credit Hours
PD 5213	Tooth/Arch Size Discrepancies	2
PD 5205	Practice Management	2
PD 5326	Pulp Therapy	2
PER 5270	Research Methodology	2(MS)
PD 5V34	Clinical Pediatric Dentistry	4
		12(MS)
		10(C)

Fall

PD 5262	Pediatric Dentistry for the Neurologically Handicapped	2
PD 5214	Orthodontics and the TMJ	2
CS 5214	Scientific Writing	2(MS)
CS 5422	Biostatistics	2(MS)
PD 5V34	Clinical Pediatric Dentistry	5
CS 5218	Conscious Sedation	2
		14(MS)
		11(C)

THIRD YEAR

Summer

		Credit Hours
PD 5V98	Research for the Thesis	5(MS)
PD 5V99	Thesis	5(MS)
		10(MS)
		0(C)

(MS) - MS Degree Candidates
(C) - Certificate Candidates

SECOND YEAR

Winter

		Credit Hours
PD 5215	Periodontics	2
PD 5215	Minor Tooth Movements	2
PD 5330	Birth Defects	3
PD 5V34	Clinical Pediatric Dentistry	5
		12

Spring

PD 5329	Board Review	3
PD 5344	Orthodontic Overview	3
PD 5620	Clinical Anesthesia	6
CS 5250	Oral Radiology	2
PD 5V98	Research for the Master's Thesis	1(MS)
		15(MS)
		14(C)



COURSE DESCRIPTIONS

- 5146** **PROTOCOL AND DOCUMENTATION OF HOSPITAL DENTISTRY** Hospital protocol and recordkeeping to familiarize the student with the requirements of hospital staff membership; emphasis on problem solving in patient care and documentation for treatment delivered in the hospital.
Staff 1 qtr. hr.
- 5201** **CHILD DEVELOPMENT** Review of normal physical, social, cognitive, and emotional development of children through age eighteen; guest lectures on aberrations from normal and how to deal with the child patient as an individual.
Staff 2 qtr. hrs.
- 5205** **PRACTICE MANAGEMENT** Lectures and demonstrations of the major components of organizing and managing a private pediatric dental practice; bookkeeping, office design, and financial planning.
Staff 2 qtr. hrs.
- 5207** **ADVANCES IN DENTAL MATERIALS** Review of recent advances in dental materials commonly used in pediatric dentistry; selection and use of the most acceptable dental products with respect to ADA approval and testing; modification of techniques that influence the selection and use of materials in dentistry.
Seale 2 qtr. hrs.
- 5212** **MIXED DENTITION** Orthodontic problems in the developing dentition; introduction to the clinical processes used to correct these problems.
Staff 2 qtr. hrs.
- 5213** **TOOTH/ARCH SIZE DISCREPANCIES** Identification and treatment of crowding and spacing problems associated with tooth/arch size discrepancies in the developing dentition.
Staff 2 qtr. hrs.
- 5214** **ORTHODONTICS AND THE TMJ** Identification and treatment of problems of the developing facial complex that affect abnormally the temporomandibular joint complex.
Staff 2 qtr. hrs.
- 5215** **MINOR TOOTH MOVEMENT** Recognition of skeletal problems of the early and late mixed dentition; identification of treatment options.
Staff 2 qtr. hrs.
- 5220** **DIAGNOSTIC STRATEGIES** Recordtaking techniques for diagnosing the patient's orthodontic status.
Staff 2 qtr. hrs.
- 5262** **DENTISTRY FOR THE NEUROLOGICALLY HANDICAPPED** Multi-disciplinary approach to the management of children with neurological handicaps.
Staff 2 qtr. hrs.
- 5306** **BEHAVIOR MANAGEMENT** Psychological and sociological principles of behavior; nonpharmacological and pharmacological methods of behavior management; review of current and classic literature.
Wilson 3 qtr. hrs.
- 5316** **PRINCIPLES OF PEDIATRICS** Physical examination and history taking for the child patient; disease mechanisms of special interest to the pediatric dentist; course is given in conjunction with the Department of Pediatrics of Children's Medical Center; clinical experience under the supervision of the Director of Clinics.
Staff 3 qtr. hrs.
- 5326** **PULP THERAPY** Current and historical literature pertaining to pulp therapy; discussion and evaluation of aspects of treatment of both the permanent and the primary dentitions.
Seale 3 qtr. hrs.
- 5327** **PERIODONTICS** Periodontal diseases in children, adolescents, and teenagers; etiology, disease processes, and treatment; emphasis on juvenile periodontitis, gingival hyperplasias, and surgical and non-surgical treatment.
Staff 3 qtr. hrs.
- 5328** **TRAUMATIC INJURIES** Epidemiology, diagnosis, and treatment of traumatic injuries to the orofacial complex; in-depth study of the young permanent dentition and the primary dentition; review of relevant literature.
Wilson 3 qtr. hrs.
- 5329** **BOARD REVIEW** All literature designated on the reading list of the American Board of Pediatric Dentistry; preparation of the second-year graduate student for the written section of the examination.
Staff 3 qtr. hrs.
- 5330** **BIRTH DEFECTS** Presentations by guest speakers from various specialties relating to treatment and counseling of patients with birth defects and their families; craniofacial surgery, genetic counseling, speech pathology, and psychology of family dynamics; review of neurologically handicapped diseases and syndromes.
Seale, Staff 3 qtr. hrs.



5344 ORTHODONTIC OVERVIEW

Diagnosis, treatment, and follow-up of malocclusion in the primary, mixed, and young permanent dentition.

Staff 3 qtr. hrs.

5442 ORIENTATION Familiarization of new graduate students with the four dental and hospital facilities through which they will rotate; clinic policies and experiences; overview of departmental guidelines on behavior management, treatment of trauma, pulp therapy, and restorative dentistry.

Seale, Staff 4 qtr. hrs.

5620 CLINICAL ANESTHESIA Rotation by second-year students through the anesthesia service at Texas Scottish Rite Hospital; observation and performance of anesthetic procedures on children having surgery under general anesthesia; emphasis on monitoring of physiological function and airway maintenance.

Hospital Anesthesiology Staff 6 qtr. hrs.

5V34 CLINICAL PEDIATRIC DENTISTRY

Clinical application and experience in all areas of pediatric dentistry; rotation through Children's Medical center, Denton State School, Texas Scottish Rite Hospital, and Baylor College of Dentistry; dental treatment of children with medical, physical, and mental handicaps; modes of behavior management; students may register for 1 to 4 quarter hours for a maximum of four quarters.

Seale 1-4 qtr. hrs.

5V98 RESEARCH FOR THE MASTER'S THESIS

Activity to establish a research problem, search the literature, limit the problem, and explore technical difficulties involved in the pursuit of the research for the master's degree.

Seale, Staff Max. 5 qtr. hrs.

5V99 THESIS

Credit awarded for the writing and completion of the thesis in acceptable form; for degree candidates only.

Seale, Staff Max. 5 qtr. hrs.

PERIODONTICS

Professor Terry D. Rees, *Chairman*
Assoc. Prof. Michael J. McQuade,
Program Director
Clinical Professor Allen
Associate Professors Israelson,
Rivera-Hidalgo

Graduate Program (M.S. with Thesis):
110 quarter hours minimum
27-30 months minimum
Postgraduate Program (Certificate):
92 quarter hours minimum
24 months minimum
Programs may be combined.
Starting Date: June

PROGRAM OBJECTIVES

The program objectives are:

- To thoroughly prepare the student for the clinical practice of periodontics and for the American Board of Periodontology Certification Examination

- To provide the student with information in the basic sciences as a foundation for understanding the literature and adapting future advances in periodontology into clinical practice
- To provide the student with basic training in teaching and research so that these fields will be an option
- To provide the student with diagnostic and management skills in stomatology
- To prepare the student to work closely with general dentists and other dental specialties to the end that patients receive optimal care
- To motivate the student to continue scholarly pursuits after graduation by following the literature, attending continuing education courses, and attending professional meetings





CURRICULUM

FIRST YEAR

Summer

		Credit Hours
PER 5201	Periodontics I	2
PER 5212	Periodontal Therapy Seminar	2
PER 5224	Periodontal Literature Review	2
PER 5270	Research Methodology	2
PHA 5214	Clinical Pharmacology	2
CS 5233	Physical Diagnosis	2
PER 5V98	Research for the Master's Thesis	0
		12

Fall

PER 5201	Periodontics I	2
PER 5212	Periodontal Therapy Seminar	2
PER 5224	Periodontal Literature Review I	2
PER 5304	Clinical Periodontics	3
PHS 5303	Applied Medical Physiology	3
CS 5218	Conscious Sedation	2
CS 5222	Biostatistics	2
PER 5062	Occlusion Clinic	0
PER 5035	Ortho/Perio Seminar I	0
		16

FIRST YEAR

Winter

		Credit Hours
PER 5201	Periodontics I	2
PER 5224	Periodontal Literature Review I	2
PER 5304	Clinical Periodontics	3
MIB 5211	Immunology	2
CS 5104	Psychiatry	1
CS 5221	Internal Medicine	2
ANA 5214	Advanced Oral Histology	2
ANA 5V33	Head and Neck Anatomy	2
PER 5032	Endo/Perio Seminar	0
PER 5213	Implantology Seminar	2
		18

Spring

PER 5201	Periodontics I	2
PER 5224	Periodontal Literature Review I	2
PER 5304	Clinical Periodontics	3
MIB 5303	Oral Microbiology	3
CS 5V01	Advanced Oral Pathology	5
CS 5291	Human Behavior in Dentistry	2
PER 5062	Occlusion Clinic	0
		17

CURRICULUM

SECOND YEAR

Summer		Credit Hours
PER 5207	Periodontics II	2
PER 5227	Periodontal Literature Review II	2
PER 5264	Occlusion	2
PER 5310	Advanced Clinical Periodontics	3
		9
Fall		
PER 5207	Periodontics II	2
PER 5221	Practice Teaching	2
PER 5227	Periodontal Literature Review II	2
PER 5310	Advanced Clinical Periodontics	3
PER 5035	Perio/Ortho Seminar I	0
PER 5032	Endo/Perio Seminar	0
		9
Winter		
PER 5207	Periodontics II	2
PER 5221	Practice Teaching	2
PER 5227	Periodontal Literature Review II	2
PER 5310	Advanced Clinical Periodontics	3
PER 5335	Periodontic Histopathology	3
PER 5036	Ortho/Perio Seminar II	0
		12
Spring		
CS 5207	Periodontics II	2
PER 5221	Practice Teaching	2
PER 5227	Periodontal Literature Review II	2
PER 5310	Advanced Clinical Periodontics	3
PER 5335	Periodontic Histopathology	3
		12

THIRD YEAR

Summer		Credit Hours
PER 5432	Clinical Anesthesiology	4
PER 5V98	Research for the Master's Thesis	2
PER 5V99	Thesis	5
		11

COURSE DESCRIPTIONS

5032	ENDO/PERIO SEMINAR Seminar for first- and second-year graduate students from both Periodontics and Endodontics; lesions of periodontal and endodontic origin; wound healing, surgical techniques; discussion of the combined endo/perio lesion. Endo/Perio Staff 0 qtr. hrs.
5035	ORTHO/PERIO SEMINAR I Diagnosis and treatment of basic orthodontic problems; force vectors; mechanical applications with various orthodontics systems; clinical management of combined periodontic/orthodontic cases; joint treatment of actual cases. Ortho/Perio Staff 0 qtr. hrs.
5036	ORTHO/PERIO SEMINAR II Orthodontic management and treatment of patients with periodontitis; esthetic correction or mucogingival cases. Ortho/Perio Staff 0 qtr. hrs.
5062	OCCLUSION CLINIC Review of the literature concerning occlusion and its relationship to periodontal disease; clinical evaluation and treatment of patients with occlusal disharmonies via occlusal adjustment; first- and second-year students. Staff 0 qtr. hrs.
5201	PERIODONTICS I Principles of the basic science of periodontology, including anatomy of the periodontium, and classification, etiology, and pathogenesis of the periodontal diseases; first-year students register for up to four (4) quarters for a maximum of eight (8) quarter hours. Rees 2 qtr. hrs./qtr.
5207	PERIODONTICS II Prerequisite: Periodontics 5201. Advanced management of complex periodontal problems, including periodontal-prosthetic interrelationships; emphasis on systemic diseases and mucocutaneous conditions relating to the practice of periodontics; second-year students register for up to four (4) quarters for a maximum of eight (8) quarter hours. Rees, Staff 2 qtr. hrs./qtr.

COURSE DESCRIPTIONS

- 5212 PERIODONTAL THERAPY SEMINAR** Discussion of periodontal therapeutic modalities, including indications, contraindications, and limitations of various procedures; anatomy and physiology of the periodontium relative to therapy; case presentations by each student; first-year students register for two (2) quarters for a total of four (4) quarter hours.
McQuade 2 qtr. hrs./qtr.
- 5213 IMPLANTOLOGY SEMINAR** Historical review of implantology and implant techniques and systems; indications and contraindications for implants; wound healing with respect to implants, including osseointegration; surgical techniques and management of complications; first- and second-year students.
Staff 2 qtr. hrs.
- 5221 PRACTICE TEACHING** Lectures and clinical instruction involving contact with third- and fourth-year dental students; four (4) hours per week per quarter of clinical instruction including diagnosis, treatment, and maintenance of periodontal patients; second-year students register for three (3) quarters for a total of six (6) quarter hours.
Staff 2 qtr. hrs./qtr.
- 5224 PERIODONTAL LITERATURE REVIEW I** Review of the periodontic literature from early classic articles to current publications; development of basis for various periodontal concepts; anatomy, epidemiology, etiology, diagnosis, pathogenesis, and therapy of the periodontal diseases; student register for four (4) quarters for a total of eight (8) quarter hours.
Plemons 2 qtr. hrs./qtr.
- 5227 PERIODONTAL LITERATURE REVIEW II** Continuation of the seminar of Periodontal Literature Review I 5224; students register for four (4) quarters for a total of eight (8) quarter hours.
McQuade 2 qtr. hrs./qtr.
- 5264 OCCLUSION** Concepts of occlusion related to periodontics; anatomy and function of the masticatory system; management of temporomandibular joint dysfunction and adjustment of the natural dentition.
McQuade, Staff 2 qtr. hrs.
- 5270 RESEARCH METHODOLOGY** The research process from initiation of a research project to the presentation of findings; traditional and innovative approaches to oral health research.
Staff 2 qtr. hrs.
- 5304 CLINICAL PERIODONTICS** Treatment and management of patients with various types and severities of periodontal diseases; emphasis on diagnosis, treatment planning, prognosis, and fundamental periodontal instrumentation skills; introduction of periodontal surgical techniques; first-year students register for three (3) quarters for a total of nine (9) quarter hours.
Staff 3 qtr. hrs./qtr.
- 5310 ADVANCED CLINICAL PERIODONTICS** Prerequisite: Clinical Periodontics 5304. Continuation of first-year clinic; emphasis on management of advanced periodontal cases; complex surgical techniques, with emphasis on pre-prosthetic and mucogingival surgery; students register for four (4) quarters for a total of twelve (12) quarter hours.
Staff 3 qtr. hrs./qtr.
- 5335 PERIODONTIC HISTOPATHOLOGY** Histopathologic study of the etiology and pathogenesis of the several periodontal diseases; seminars and laboratory exercises with block sections of human periodontium; students register for two (2) quarters for a total of six (6) quarter hours.
Rees, Rivera-Hidalgo 3 qtr. hrs./qtr.
- 5432 CLINICAL ANESTHESIOLOGY FOR THE PERIODONTIST** A one-month anesthesiology rotation supervised by personnel in the Department of Anesthesiology, U.S. Department of Veteran Affairs Medical Center, Dallas; operating room procedures use of anesthetics; instruction in resuscitative procedures
Hospital Anesthesiology Staff 4 qtr. hrs.
- 5V41 SPECIAL PROBLEMS** Experience in original research methods; opportunity to pursue concentrated and supervised study for thesis, research, library search, writing special reports, etc.; subjects assigned as required.
Staff Max. 5 qtr. hrs.
- 5V98 RESEARCH FOR THE MASTER'S THESIS** Activity to establish a research problem, search the literature, limit the problem, and explore technical difficulties involved in the pursuit of the research for the master's degree.
Staff Max. 5 qtr. hrs.
- 5V99 THESIS** Credit awarded for the writing and completion of the thesis in acceptable form; restricted to master's degree candidates.
Staff Max. 5 qtr. hrs.

PROSTHODONTICS

Professor Robert S. Staffanou, *Chairman*

Fixed Prosthodontics

Professor Ronald D. Woody,

Program Director

Professor Bolouri

Associate Professor Chambless

Postgraduate Program (Certificate):

100 quarter hours minimum

24 months minimum

Starting Date: June

Graduate Program (M.S. with thesis):

110 quarter hours minimum

27-30 months minimum

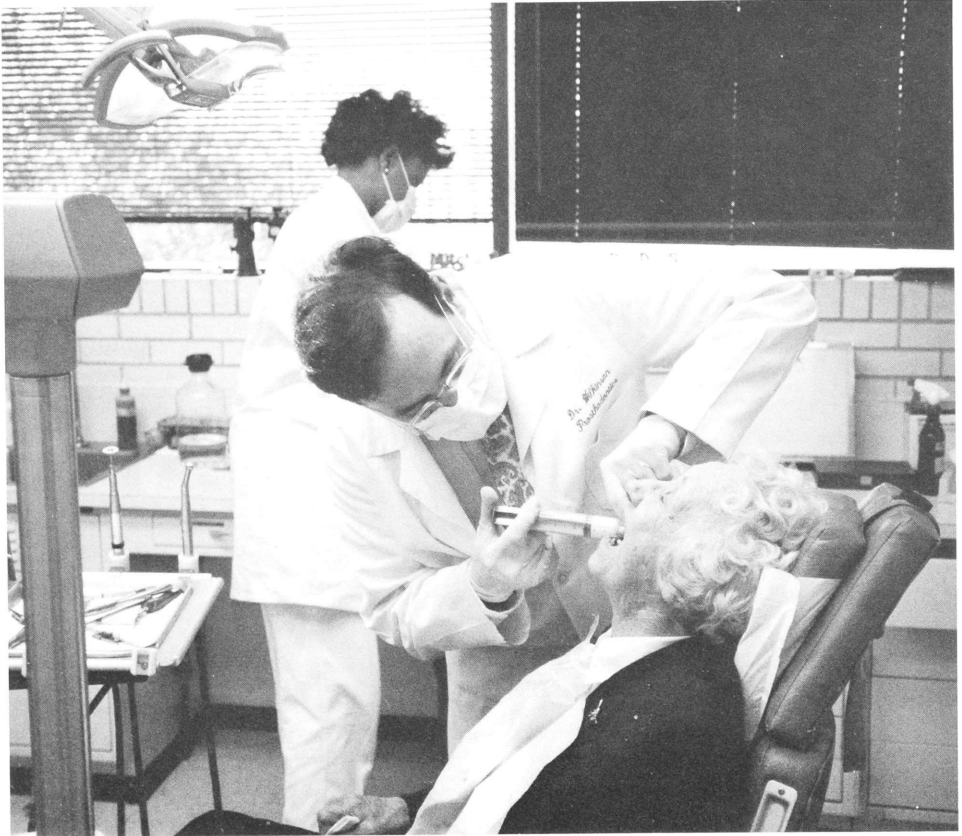
PROGRAM OBJECTIVES

The program objectives are:

- To develop clinical competence in the disciplines of Prosthodontics, Complete Denture, Removable Partial Denture, Fixed Partial Denture,

Maxillofacial Prosthetics, and Implant Prosthodontics

- To develop laboratory competence in Fixed and Removable Prosthodontics
- To provide relevant didactic course content in the basic sciences, prosthodontics, and related disciplines that will establish a firm foundation for clinical diagnosis and treatment
- To promote and provide research opportunities
- To provide clinical and laboratory teaching opportunities
- To develop a competence and background sufficient for examination by the American Board of Prosthodontists



CURRICULUM

FIRST YEAR

Summer

		Credit Hours
PRO 5210	Introduction to Prosthodontic Principles and Techniques	2
PRO 5112	Basic Occlusal Concepts and Waxing Techniques	1
PRO 5118	Review of Prosthodontic Literature	1
PRO 5V14	Clinical Prosthodontics	1
CS 5233	Physical Diagnosis	2
CS 5470	Research Methodology	4
PHS 5214	Clinical Pharmacology	2

13

Fall

PRO 5118	Review of Prosthodontic Literature	1
PRO 5222	Complete Denture Prosthodontics	2
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5V14	Clinical Prosthodontics	3
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
CS 5222	Biostatistics	2
CS 5214	Scientific Writing	2
CS 5218	Conscious Sedation	2

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FIRST YEAR

Winter

PRO 5118	Review of Prosthodontic Literature	1
PRO 5232	Fixed Partial Denture Prosthodontics	2
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5V14	Clinical Prosthodontics	3
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
ANA 5210	Advanced Human Craniofacial Development & Development (Audit only)	0
ANA 5V33	Head and Neck Anatomy	2
CS 5104	Psychiatry	1
CS 5221	Internal Medicine	2

15

Spring

PRO 5118	Review of Prosthodontic Literature	1
PRO 5240	Removable Partial Denture Prosthodontics	2
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5V14	Clinical Prosthodontics	3
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
CS 5V01	Advanced Oral Pathology	4
MIB 5303	Oral Microbiology	3

17

CURRICULUM

SECOND YEAR

Summer		Credit Hours
PRO 5118	Review of Prosthodontic Literature	1
PRO 5454	Advanced Clinical Prosthodontics	4
PRO 5112	Basic Occlusal Concepts and Waxing Techniques	1
		6

SECOND YEAR

Winter		Credit Hours
PRO 5118	Review of Prosthodontic Literature	1
PRO 5260	Implant Prosthodontics	2
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
PRO 5454	Advanced Clinical Prosthodontics	4
		11

Fall

PRO 5118	Review of Prosthodontic Literature	1
PRO 5454	Advanced Clinical Prosthodontics	4
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5232	Fixed Partial Denture Prosthodontics	2
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
		11

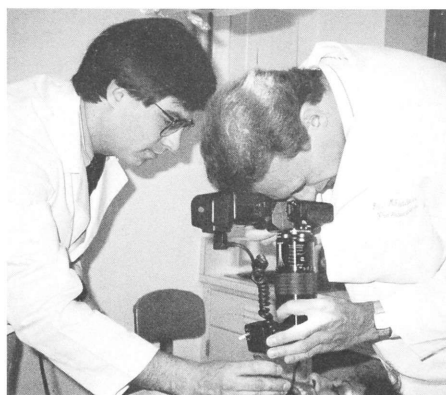
Spring

PRO 5118	Review of Prosthodontic Literature	1
PRO 5222	Complete Denture Prosthodontics	2
PRO 5226	Occlusal Concepts & Techniques	2
PRO 5126	Related Disciplines Seminar	1
PRO 5136	Maxillofacial Prosthetics	1
PRO 5454	Advanced Clinical Prosthodontics	4
		11

THIRD YEAR

Summer

Summer		Credit Hours
PRO 5V98	Research for the Master's Thesis	5
PRO 5V99	Thesis	5
		10



COURSE DESCRIPTIONS

- 5112 BASIC OCCLUSAL CONCEPTS AND WAXING TECHNIQUES** Lecture/laboratory investigation of occlusal concepts and various occlusal waxing techniques; students register for a maximum of two quarters.
Woody, Staff 1 qtr. hr./qtr.
- 5118 REVIEW OF PROSTHODONTIC LITERATURE** Detailed review of recently published literature on all subjects related to prosthodontics; students register for a maximum of eight quarters.
Woody 1 qtr. hr./qtr.
- 5126 RELATED DISCIPLINES SEMINAR** Presentations in the integrated specialty areas of Peridontics, Oral and Maxillofacial Surgery, Endodontics, Orthodontics, Dental Materials, Physiology, and other areas not covered in the core curriculum; material specifically related to prosthodontics; students register for a maximum of six quarters.
Staff 1 qtr. hr./qtr.
- 5136 MAXILLOFACIAL PROSTHETICS** Theories, concepts, and treatment modalities related to the maxillofacial patient; clinical lecture format; students register for a maximum of six quarters.
Staff 1 qtr. hr./qtr.
- 5210 INTRODUCTION TO PROSTHODONTIC CONCEPTS AND TECHNIQUES** Assessment, development, and enhancement of diagnostic and clinical skills in prosthodontics; lecture/laboratory format; concepts in complete dentures and fixed partial dentures; porcelain laboratory techniques and applications.
Woody, Staff 2 qtr. hrs.
- 5222 COMPLETE DENTURE PROSTHODONTICS** Theories, concepts, and treatment modalities in complete denture prosthodontics; students register for a maximum of two quarters.
Staff 2 qtr. hrs./qtr.
- 5226 OCCLUSAL CONCEPTS AND TECHNIQUES** Lectures/clinic experience in occlusion related to treatment, use of associated instrumentation, and diagnosis and treatment of craniomandibular disorders; students register for a maximum of six quarters.
Woody, Staff 2 qtr. hrs./qtr.
- 5232 FIXED PARTIAL DENTURE PROSTHODONTICS** Theories, concepts, and treatment modalities in fixed partial denture prosthodontics; students register for a maximum of two quarters.
Woody, Staff 2 qtr. hrs./qtr.
- 5240 REMOVABLE PARTIAL DENTURE PROSTHODONTICS** Theories, concepts, and treatment modalities in removable partial denture prosthodontics.
Staff 2 qtr. hrs.
- 5260 IMPLANT PROSTHODONTICS** Implant concepts, designs, placement techniques, and clinical utilization; specific prosthodontic diagnosis and treatment concepts related to patient treatment.
Woody, Staff 2 qtr. hrs.
- 5434 ADVANCED CLINICAL PROSTHODONTICS** Diagnosis, management, and treatment of patients with complex prosthodontic problems by second-year students; students register for a maximum of four quarters.
Staff 4 qtr. hrs./qtr.
- 5V14 CLINICAL PROSTHODONTICS** Diagnosis, management, and treatment of patients requiring prosthodontic care; patient selection and load determined by student aptitude and clinical competence; students register for a maximum of four quarters.
Staff 1-3 qtr. hrs./qtr.
- 5V98 RESEARCH FOR THE MASTER'S THESIS** Research on an original problem related to prosthodontics; students establish a research problem, search the literature, prepare and submit a research proposal, and test hypotheses with the necessary experimental and control procedures.
Staff Max. 5 qtr. hrs.
- 5V99 THESIS** Credit awarded for the writing and completion of the master's thesis in acceptable form.
Staff Max. 5 qtr. hrs.

ANATOMY

Professor Alan N. Taylor, *Chairman*
 Professor Dill
 Associate Professors Babler, Hinton,
 Hutchins
 Assistant Professors Dechow, Iacopino,
 Pearsall
 Adjunct Professor Blanton

Graduate Program (M.S.):
 45 quarter hours minimum
 24 months minimum
 Starting Date: Fall Quarter desirable

COURSE DESCRIPTIONS

- 5140 **SEMINAR** Reading and discussion of current literature; presentation of papers on selected topics; required for all students.
 Staff 1 qtr. hr.
- 5206 **FETAL ANATOMY** Prerequisites: Gross Anatomy I 5501 and Gross Anatomy II 5502. Dissections, demonstrations, and discussions of fetal anatomy.
 Babler 2 qtr. hrs.
- 5210 **ADVANCED HUMAN CRANIOFACIAL DEVELOPMENT AND GROWTH** Processes involved in the development, growth, and adaptation of the craniofacial region; both prenatal and postnatal development and growth are considered, with emphasis on postnatal events; impact of orofacial function on growth; unique properties of the cartilages, skeletal structure, and musculature of the craniofacial region.
 Dechow 2 qtr. hrs.
- 5213 **ORAL HISTOLOGY AND EMBRYOLOGY** Origin and development of the dental tissues and related structures; current publications and research reports are used to provide students with an opportunity to investigate a topic of current or anticipated future interest in practice.
 Taylor, Staff 2 qtr. hrs.
- 5214 **ADVANCED ORAL HISTOLOGY** Processes of epithelial-mesenchymal interaction related to odontogenesis, amelogenesis, dentinogenesis, collagen formation, intracellular and extracellular calcium homeostasis, plaque and calculus, and wound healing; emphasis on ultrastructure of the involved cells and tissues; clinical correlations.
 Taylor, Staff 2 qtr. hrs.
- 5224 **HISTOCHEMISTRY** Principal methods (including immunocytochemical techniques) of cytologic localization of enzymes and other biologically important substances.
 Taylor 2 qtr. hrs.
- 5320 **SCANNING ELECTRON MICROSCOPY AND ASSOCIATED TECHNIQUES** Principles and methods of scanning electron microscopy; tissue preparation, critical point drying, freeze drying, specimen coating, photography, X-ray microprobe analysis, and fundamentals of microscope maintenance.
 Staff 3 qtr. hrs.
- 5322 **TRANSMISSION ELECTRON MICROSCOPY AND ASSOCIATED TECHNIQUES** Principles and methods associated with transmission electron microscopy, tissue fixation, dehydration, embedding, sectioning, and staining; use and routine maintenance of the transmission electron microscope.
 Staff 3 qtr. hrs.
- 5401 **NEUROANATOMY** Lectures and laboratory sessions on gross and microscopic anatomy of the human central nervous system; anatomical relationships within the spinal cord, brain stem, basal ganglia, and cerebrum; relationship to clinical problems; peripheral nervous system as necessary to understand central mechanisms.
 Dill 4 qtr. hrs.
- 5411 **GENERAL HISTOLOGY I** General histology and microscopic anatomy of the four basic tissues; laboratory study of electron micrographs and prepared slides.
 Taylor, Staff 4 qtr. hrs.
- 5412 **GENERAL HISTOLOGY II** General histology and microscopic anatomy of human organs and organ systems; laboratory study of electron micrographs and prepared slides.
 Taylor, Staff 4 qtr. hrs.
- 5501 **GROSS ANATOMY I** Conceptual and functional basis for understanding the macroscopic structure of the human body; laboratory dissection of human cadavers; emphasis on regional anatomy of the back, thorax, upper limb, and head.
 Babler, Staff 5 qtr. hrs.

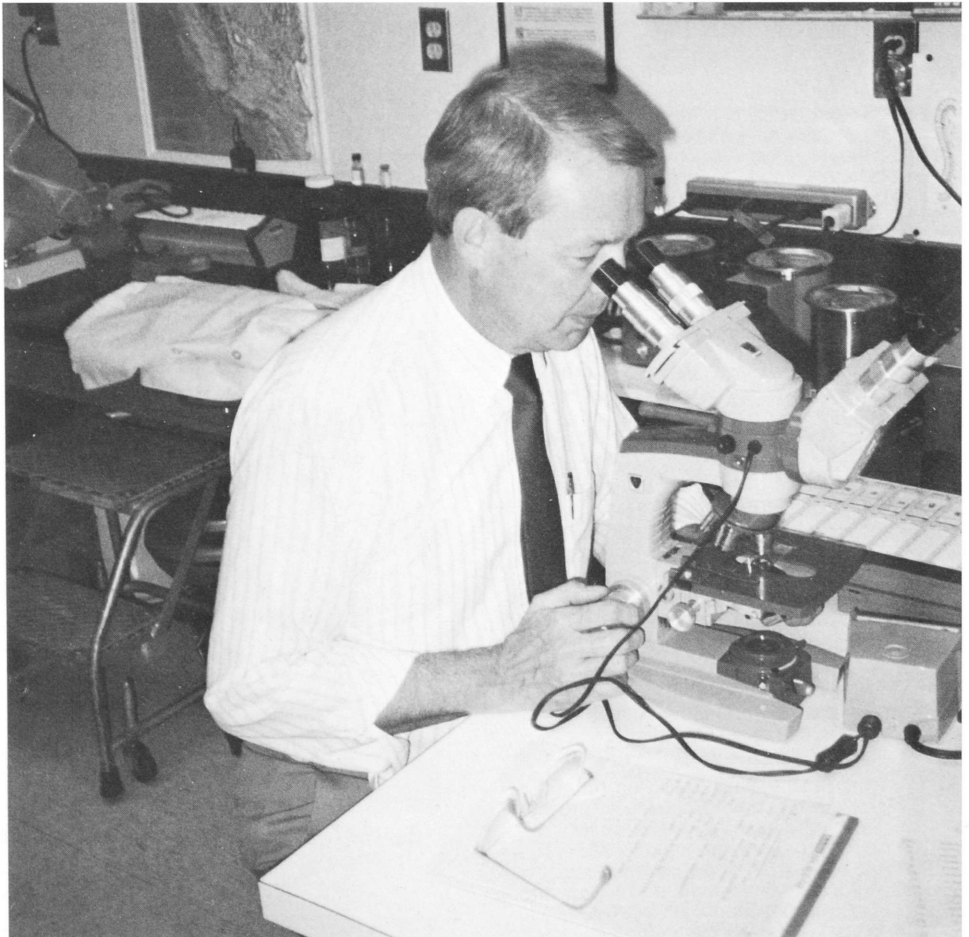
5502 GROSS ANATOMY II Conceptual and functional basis for understanding the macroscopic structure of the human body; laboratory dissection of human cadavers; emphasis on regional anatomy of the head, abdomen, pelvis, and lower limb.
Babler, Staff 5 qtr. hrs.

5V33 HEAD AND NECK ANATOMY Surgical anatomy and distribution of facial nerves and vasculature of particular interest in dentistry.
Blanton 2-3 qtr. hrs.

5V41 RESEARCH AND SPECIAL PROBLEMS Concentrated investigation in any field of anatomy; topic chosen by student and approved by the mentor and department chairman; students may register for 1 to 4 quarter hours for a minimum of four quarters.
Staff Max. 4 qtr. hrs.

5V98 RESEARCH FOR THE MASTER'S THESIS
Staff Max. 5 qtr. hrs.

5V99 THESIS
Staff Max. 5 qtr. hrs.



BIOCHEMISTRY/ MICROBIOLOGY

Professor Clay A. Henry, *Chairman,*
Microbiology
Professor Edward G. Miller, *Chairman,*
Biochemistry
Professors Berry, Wagner
Associate Professors Bowles, Kolstad
Adjunct Assistant Professor Newman

Graduate Program (M.S.):
45 quarter hours minimum
24 months minimum
Starting Date: Fall Quarter desirable

COURSE DESCRIPTIONS

- 5201 **GENERAL MICROBIOLOGY** Basic microbiology, immunology, taxonomy, and microbial physiology. Henry, Staff 2 qtr. hrs.
- 5211 **IMMUNOLOGY I** Study of immune reactions; lectures and demonstrations. Newman 2 qtr. hrs.
- 5212 **IMMUNOLOGY II** Application of immunology in clinical and laboratory diagnosis; mechanisms of immunologic disorders. Newman 2 qtr. hrs.
- 5303 **ORAL MICROBIOLOGY** Environment of the mouth and its relation to the endogenous and exogenous oral microbiota; discussion of species differences; immunologic determinants of health and disease; lectures and student projects. Henry, Staff 3 qtr. hrs.
- 5323 **GENERAL BIOCHEMISTRY I** Chemistry, function, and occurrence of the principal organic materials in the human; enzymology; carbohydrate and lipid metabolism. Miler, Staff 3 qtr. hrs.
- 5324 **GENERAL BIOCHEMISTRY II** Prerequisite: General Biochemistry I 5323 or equivalent; intermediary metabolism, and biochemical endocrinology. Miller, Staff 3 qtr. hrs.
- 5V40 **SPECIAL PROBLEMS** Short-term, research-related problems to provide and opportunity for students to design experiments, explore methodology, and analyze results. Staff 2-4 qtr. hrs.

- 5V98 **RESEARCH FOR THE MASTER'S THESIS** Laboratory involvement of the research proposal necessary for fulfilling requirements in the master's degree program. Staff Max. 5 qtr. hrs.
- 5V99 **THESIS** Required course for M.S. candidates; development and completion of an acceptable thesis. Staff Max. 5 qtr. hrs.



DENTAL MATERIALS

Professor Toru Okabe, *Chairman*
Associate Professor Stephen Collard,
Program Director
Associate Professor Marker

Graduate Program (M.S. with Thesis):
45 quarter hours minimum
24 months minimum
Starting date: Fall term

COURSE DESCRIPTIONS

- 5150 **TEACHING DENTAL MATERIALS** Instructional methods and teaching aids for the teaching of Dental Materials to dental auxiliary students, predoctoral dental students and postdoctoral dental students.
Marker 1 qtr. hr.
- 5201 **SCIENCE OF MATERIALS - METALS** Fundamentals of metals; microstructure development in metals; influence of microstructure on the chemical, physical and mechanical properties of metals; equilibrium and non-equilibrium phase transformations in metals; processing metals into components; ferrous and nonferrous alloys; metal composites.
Okabe 2 qtr. hrs.
- 5202 **SCIENCE OF MATERIALS - POLYMERS** Fundamentals of polymers; formation of polymer structure; variation in structure, properties of thermoplastic polymers; properties of thermosetting polymers; special polymer products; processing polymers; polymer composites.
Marker 2 qtr. hrs.
- 5203 **SCIENCE OF MATERIALS - CERAMICS** Fundamentals of ceramics; coordination number; interstitial sites; solid solutions; transformations; defect structures and lattice vacancies; silica and silicate structures; advanced ceramics; fracture toughness; high-temperature applications; processing of ceramics.
Collard 2 qtr. hrs.
- 5204 **FUNDAMENTALS OF MATERIALS SCIENCE** Atomic structure and bonding; crystalline and noncrystalline glass structures; effects of stress on structure; effects of temperature on structure and mechanical properties; control of structure under equilibrium conditions (phase diagrams); control of nonequilibrium structures; overview of synthetic composite materials.
Collard 2 qtr. hrs.
- 5206 **ADVANCED DENTAL MATERIALS - METALS AND ALLOYS** Properties and applications of metals and alloys in dentistry; dental amalgam, direct gold, cast and wrought noble and base metal alloys; casting, soldering, brazing, and welding dental alloys; ceramic-metal system; metals for implant dentistry, endodontic, orthodontic, and surgical instruments and appliances; powder metallurgy in dentistry; non-cast metal-ceramic system.
Collard 2 qtr. hrs.
- 5207 **ADVANCED DENTAL MATERIALS - POLYMERS AND COMPOSITE RESINS** Properties and applications of polymers and composite resins in dentistry; polymers for denture bases, relines, and teeth; elastomeric impression materials; composite resin direct restorative materials; silicones, polyurethanes, and acrylics for maxillofacial prosthetics; dentin bonding agents; resin cements; glass ionomers.
Marker 2 qtr. hrs.
- 5208 **ADVANCED DENTAL MATERIALS - CERAMICS AND GLASSES** Properties and applications of ceramics and glasses in dentistry; ceramics for inlays, onlays, crowns, and denture teeth; castable glass and hydroxyapatite restorative materials; ceramic die materials; high-strength ceramics; casting and machining glass-ceramics.
Collard 2 qtr. hrs.
- 5211 **STANDARDS FOR MATERIALS TESTING** American Dental Association acceptance and certification program; ISO, ANSI, and ASTM standards; ADA specifications; procedure for introducing dental materials into the American market; laboratory experience in testing materials according to ADA specifications.
Marker 2 qtr. hrs.

- 5215 **MATERIALS CHARACTERIZATION**
Analysis of polymers, ceramics, metals, and composites using modern materials characterization techniques; molecular spectroscopy; mass spectrometry; chromatography; chemical analysis, electrochemistry, and atomic spectroscopy; X-ray analysis; microscopy; surface analysis; thermal analysis; viscosity and molecular weight of polymers; physical properties of particles and polymers; physical testing.
Okabe 2 qtr.hrs.
- 5220 **MATHEMATICS FOR MATERIALS STUDY** Review of algebra, trigonometry, and analytic geometry; overview of differential and integral calculus; series expansions; basics of elementary differential equations; visual display of quantitative data; polynomial regression and curve fitting.
Collard 2 qtr.hrs.
- 5221 **MECHANICAL BEHAVIOR OF MATERIALS** Elastic behavior; dislocation; plastic deformation in single and polycrystalline materials; strengthening of crystalline materials; high-temperature deformation of crystalline materials; permanent deformation of non-crystalline materials; tensile fracture at low temperature; fracture and fatigue of materials; embrittlement; mechanics of synthetic composite materials.
Collard 2 qtr.hrs.
- 5227 **COLOR THEORY FOR DENTISTRY**
Principles of optical properties of materials; applications of color theory in dentistry; color systems, spectral energy distribution, color modifiers, metamerism, colorants, simultaneous contrast, shade matching, and porcelain staining.
Marker 2 qtr.hrs.
- 5230 **ENVIRONMENTAL EFFECTS ON MATERIALS** Principles of *in vivo* and *in vitro* degradation of materials through chemical, physical, and biological processes; chemical principles of corrosion, oxidation, and radiation; corrosion phenomena; corrosive environments; corrosion of ceramics and plastics; radiation damage; analysis and prevention of failure; experimental methods for examining failed parts.
Okabe 2 qtr.hrs.
- 5240 **BIOCOMPATIBILITY OF MATERIALS** Biocompatibility testing principles and methods; interactions between restorative dental materials and the oral environment; interaction between dental implant materials and surrounding tissue; local, topical, and systemic toxicology of dental materials, vapors, and particulates.
Gibson 2 qtr. hrs.
- 5260 **SPECIAL PROBLEMS IN DENTAL MATERIALS** Selection of dental-materials topic of individual interest to the student; literature review; development of research protocol; master's thesis proposal.
Staff 2 qtr. hrs.
- 5V98 **RESEARCH FOR THE MASTER'S THESIS** Conduct original experimental research in chosen topic; data analysis.
Staff Max. 5 qtr. hrs.
- 5V99 **THESIS** Formal presentation of research literature review, objectives, experimental methods, data analysis, results, discussion, and conclusions in acceptable written form.
Staff Max. 5 qtr. hrs.

PHARMACOLOGY/ PHYSIOLOGY

Professor Tommy W. Gage, *Chairman,*
Pharmacology
Professor Loy W. Frazier, Jr. *Chairman,*
Physiology
Professors Bellinger, Dorris

Associate Professors Taylor, Williams,
Wong
Adjunct Assistant Professor Giovannitti

Graduate Program (M.S.):
45 quarter hours minimum
24 months minimum
Starting Date: Fall Quarter desirable

COURSE DESCRIPTIONS

- 5147 GRADUATE SEMINAR** Topics of current interest. Prerequisite: permission of department.
Staff 1 qtr. hr./qtr.
- 5210 PRINCIPLES OF PHARMACOLOGY** Absorption, distribution, biotransformation, excretion, and molecular mechanisms of drug actions; legal aspects of opioid and non-opioid drugs.
Taylor 2 qtr. hrs.
- 5211 MODERN PHARMACOLOGY I** Major topics in pharmacology; anti-infectives, anti-neoplastic, autonomic, and cardiovascular drugs. Prerequisite: Principles of Pharmacology 5210 or consent of instructor.
Dorris 2 qtr. hrs.
- 5212 MODERN PHARMACOLOGY II** Continuation of Modern Pharmacology I 5211; psychotherapeutic drugs, sedative-anxiolytics, endocrine drugs, autocoids; drug abuse. Prerequisite: Modern Pharmacology I 5211.
Dorris 2 qtr. hrs.
- 5214 CLINICAL PHARMACOLOGY** Selection and evaluation of dentally-related drugs; review of current literature; seminar format; limited to clinical specialty students.
Gage 2 qtr. hrs.
- 5215 PSYCHOPHARMACOLOGY** Psychoactive drugs, therapeutic and non-therapeutic, including phenothiazines, antidepressants, psychotropics, and related drug classes. Prerequisite: Consent of instructor.
Dorris 2 qtr. hrs.
- 5303 APPLIED MEDICAL PHYSIOLOGY** Cardiovascular, respiratory, and renal systems; clinically relevant, abnormal physiology. Prerequisite: Mammalian Physiology 5804 or equivalent.
Frazier, Staff 3 qtr. hrs.
- 5316 CARDIOVASCULAR PHARMACOLOGY** Drugs affecting the cardiovascular system; rationale for use of various drugs in treatment of cardiovascular disease. Prerequisite: Consent of instructor.
Taylor 3 qtr. hrs.
- 5335 PHYSIOLOGY OF BIOMEMBRANES** Membrane structure; chemistry and biophysics of membrane transport in red blood cell membrane, amphibian epithelium, GI mucosa, gall bladder epithelium, and renal tubular cells. Prerequisite: Consent of instructor.
Frazier 3 qtr. hrs.
- 5403 NEUROPHYSIOLOGY** Central nervous system, peripheral nerves, special senses, autonomic, and clinical mediation. Prerequisite: Neuroanatomy 5401.
Wong 4 qtr. hrs.
- 5804 MAMMALIAN PHYSIOLOGY** Basic physiology of cells and muscle, nerve, blood, heart, circulation, respiration, digestion, excretion, and central nervous systems; maintenance of homeostasis; demonstration of principles with classical laboratory experiments; lecture/laboratory format.
Frazier, Staff 8 qtr. hrs.
- 5V34 ENDOCRINOLOGY** Endocrine system; bioassay techniques; lecture, 2 hours credit; optional laboratory, 2 hours credit. Odd-numbered years only.
Bellinger 2-4 qtr. hrs.
- 5V41 SPECIAL PROBLEMS** Investigation of a topic in any area of physiology of interest to the student with approval of the department; may be repeated for credit.
Staff Max. 5 qtr. hrs.
- 5V42 INDIVIDUAL STUDIES** Investigation of a topic in any area of pharmacology of interest to the student with approval of the department; may be repeated for credit. Prerequisite: Consent of instructor.
Staff Max. 5 qtr. hrs.
- 5V98 RESEARCH FOR THE MASTER'S THESIS** Limited to degree candidates.
Staff Max. 5 qtr. hrs.
- 5V99 THESIS** Credit for completion of an acceptable thesis; credit depending on quality and quantity of work; limited to degree candidates.
Staff Max. 5 qtr. hrs.

CONTINUING EDUCATION

Contemporary health professions are marked by constant technological changes, innovations in health care delivery, new clinical procedures, and an ever increasing social awareness. Such changes have accentuated the need for the professional to remain abreast of new developments by accepting the fundamental and life-long responsibility for continuous study.

As a part of its obligation to the practicing profession, Baylor College of Dentistry vigorously supports continuing dental education and offers a full range of programs. Lectures, seminars, and clinical experiences about topics of current interest to dentists and dental auxiliaries are taught by Baylor faculty and other respected professionals.

Courses offered at Baylor cover all perspectives of the dental profession — the clinical fields, practice management, medical emergencies, dental hygiene, and basic sciences. Some courses may include subject matter of

an experimental or controversial nature, offered for informational purposes in a spirit of academic freedom.

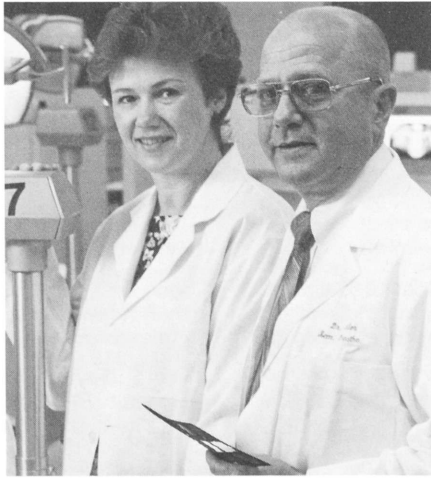
For the convenience of persons in locations away from Dallas, the College offers several courses each year that are held off campus.

The entire sixth floor of the Baylor College of Dentistry academic building is designed for courses in continuing education. In recent years, more than 50 courses were presented each year. Nearly half of the courses were participation-type courses for which a dental laboratory and twenty-chair clinic are available to practice the techniques and procedures presented in the adjoining lecture and seminar rooms. These facilities are accompanied by food service and other support areas.

For information or brochures outlining courses, write to James E. Makins, D.D.S., Director of Continuing Education, Baylor College of Dentistry, 3302 Gaston Avenue, Dallas, TX 75246 or phone (214) 828-8238.



FACULTY



EMERITUS

Carl Eugene Belk, B.A., B.S., D.D.S.,
Associate Professor Emeritus, Endodontics.

Jack G. Bishop, B.S., M.S., Ph.D.,
Associate Dean Emeritus.

Charles F. Bouschor, D.D.S., Professor
Emeritus, Operative Dentistry.

Richard E. Bradley, B.S., D.D.S., M.S.,
President and Dean Emeritus.

William Paul Burch, B.A., D.D.S., M.A.,
Professor Emeritus, Pediatric Dentistry.

Roy E. Daniel, D.D.S., Professor Emeritus,
Removable Prosthodontics.

Patrick J. Ferrillo, B.S., D.D.S., Professor
Emeritus, Endodontics.

William H. Filler, D.D.S., Professor
Emeritus, Removable Prosthodontics.

R. Paul Fultz, B.S., D.D.S., M.S., Professor
Emeritus, Community Health and Preventive
Medicine.

Paul W. Goaz, B.S., D.D.S., M.S., Professor
Emeritus, Diagnostic Sciences.

John L. Hodges, B.A., Vice President
Emeritus.

J. Bennett Hooker, B.S., M.S., D.D.S.,
Associate Professor Emeritus, Fixed
Prosthodontics.

William C. Hurt, D.D.S., Professor Emeritus,
Periodontics.

Joseph P. Lambert, D.D.S., Professor
Emeritus, Removable Prosthodontics.

Max D. Largent, D.D.S., Associate Dean
Emeritus.

Leon E. Lewis, B.S., D.D.S., Professor
Emeritus, Oral Diagnosis-Oral Radiology.

William D. Love, D.M.D., M.P.H., Professor
Emeritus, Community Health and Preventive
Dentistry.

Nicholas H. Lund, B.A., D.D.S., Professor
Emeritus, Fixed Prosthodontics.

Clarence Y. Murff, Jr., D.D.S., Professor
Emeritus, Operative Dentistry.

Kenneth V. Randolph, B.S., D.D.S.,
President and Dean Emeritus.

Ruth Riley Swords, B.A., B.S., D.D.S.,
Professor Emeritus, Dental Hygiene.

Paul P. Taylor, D.D.S., M.S., Professor
Emeritus, Pediatric Dentistry.

Daniel E. Waite, D.D.S., M.S., Assistant
Dean Emeritus.

Thomas E. Winford, B.A., M.S., Associate
Professor Emeritus, Microbiology.

FACULTY

The use of the word "adjunct" identifies part-time basic science faculty, and "clinical" identifies part-time clinical faculty.

Ibtisam H. Al-Hashimi, Assistant Professor, Periodontics. B.D.S., University of Baghdad (Iraq); M.S., State University of New York at Buffalo; Ph.D., Ibid.

C. Moody Alexander, Clinical Professor, Orthodontics. B.A., Texas Tech University; D.D.S., University of Texas Health Science Center at Houston; M.S., Ibid; Diplomate of The American Board of Orthodontics.

R.G. Alexander, Clinical Professor, Orthodontics. B.A., Texas Tech University; D.D.S., University of Texas Health Science Center at Houston; M.S.D., Ibid; Diplomate of The American Board of Orthodontics.

Roger E. Alexander, Assistant Professor, Oral and Maxillofacial Surgery. D.D.S., Marquette University; Certificate in Oral and Maxillofacial Surgery, Naval Regional Medical Center; Diplomate of The American Board of Oral and Maxillofacial Surgery.

E. Patrick Allen, Clinical Professor, Periodontics. D.D.S., Baylor College of Dentistry; Certificate in Periodontics, Ibid; Ph.D., Baylor University.

John W. Allen, Clinical Professor, Oral and Maxillofacial Surgery. D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Oral and Maxillofacial Surgery.

Barbara D. Altshuler, Clinical Assistant Professor, Caruth School of Dental Hygiene. B.S., Columbia University; M.S., Ibid.

Paul E. Anderson, Assistant Dean for Development, Alumni and Public Relations. B.S., Indiana State University; M.S., Ibid.

Charles J. Arcoria, Associate Professor, Operative Dentistry. B.A., Case Western Reserve University; D.D.S., Baylor College of Dentistry.

H. Eldon Attaway, Clinical Associate Professor, Orthodontics. D.D.S., Baylor College of Dentistry; M.S.D., University of Nebraska; Diplomate of The American Board of Orthodontics.

Richard B. Aubrey, Clinical Associate Professor, Orthodontics. D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Orthodontics.

William J. Babler, Associate Professor, Anatomy. B.A., University of Wisconsin; M.A., University of Michigan; Ph.D., Ibid.

David L. Baker, Adjunct Instructor, Dental Materials. B.S., Angelo State University; D.D.S., University of Texas Health Science Center at San Antonio.

Frank L. Baker, Assistant Professor, General Dentistry. D.M.D., University of Louisville.

Bruce M. Barbash, Clinical Assistant Professor, Fixed Prosthodontics. B.A., State University of New York; D.D.S., Case Western Reserve; Certificate in Prosthodontics and Maxillofacial Prosthetics, University of Texas, M.D. Anderson Cancer Center; Diplomate of The American Board of Prosthodontics.

Marc W. Barta, Adjunct Assistant Professor, Dental Jurisprudence, General Dentistry. B.F.A., Southern Methodist University; J.D., University of Texas at Austin.

James D. Bates, Clinical Assistant Professor, Oral and Maxillofacial Surgery. D.D.S., University of Texas Health Science Center at Houston; Certificate in Oral and Maxillofacial Surgery, Ibid; M.D., Texas Tech University.

Colin S. Bell, Clinical Assistant Professor, Oral and Maxillofacial Surgery. B.A., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

L. James Bell, Assistant Professor, Fixed Prosthodontics. B.A., University of California; D.D.S., Marquette University; Certificate in Prosthodontics, Brooke Army Medical Center; Diplomate of The American Board of Prosthodontics.

Larry L. Bellinger, Professor, Physiology. B.S., University of California; Ph.D., Ibid.

Christine K. Beninger, Clinical Assistant Professor, Operative Dentistry. D.D.S., University of Southern California.

Byron W. Benson, Assistant Professor, Oral Radiology, Diagnostic Sciences. D.D.S., University of Iowa; M.S., University of Texas Health Science Center at San Antonio.

Charles W. Berry, Professor, Microbiology. B.A., Hendrix College; M.S., Louisiana Tech University; Ph.D., Baylor University.

William H. Binnie, Professor, Pathology and Chairman, Diagnostic Sciences. B.D.S., University of Glasgow (Scotland); D.D.S., McGill University (Canada); M.S.D., Indiana University.

Patrick Blahut, Assistant Professor, Community Health and Preventive Dentistry. D.D.S., University of Michigan; M.P.H., Ibid.

Patricia L. Blanton, Adjunct Professor, Anatomy. B.A., Hardin-Simmons University; M.S., Baylor University; Ph.D., Ibid; D.D.S., Baylor College of Dentistry; Certificate in Periodontics, Ibid.

Timothy J. Bokmeyer, Assistant Professor, General Dentistry. D.D.S., University of Iowa.

Ali Bolouri, Professor, Removable Prosthodontics. D.M.D., Tehran University (Iran); D.D.S., University of Tennessee; Certificate in Prosthodontics, Emory University; Diplomate of The American Board of Prosthodontics.

L. Jack Bolton, Clinical Assistant Professor, Oral and Maxillofacial Surgery. D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

Allan Bookatz, Adjunct Professor, Anatomy. B.A., Miami University (Ohio); M.D., Case Western Reserve University.

Barnett N. Bookatz, Clinical Assistant Professor, Periodontics. B.S., Tulane University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

William H. Bowles, Associate Professor, Biochemistry. B.A., LaSierra College; M.S., University of Arizona; Ph.D., Ibid; D.D.S., Baylor College of Dentistry.

Patrick R. Brady, Clinical Assistant Professor, Orthodontics. D.D.S., University of Iowa; M.S.D., Ibid; Diplomate of The American Board of Orthodontics.

Bill R. Brown, Professor and Director, Oral Diagnosis, Diagnostic Sciences. B.S., Southern Methodist University; D.D.S., Baylor College of Dentistry.

Jesse T. Bullard, Professor and Chairman, Operative Dentistry. D.D.S., University of Tennessee; Certificate in Prosthodontics, Letterman Army Medical Center; Diplomate of The American Board of Prosthodontics.

Peter H. Buschang, Associate Professor, Orthodontics. B.A., University of Texas at Austin; M.A., Ibid; Ph.D., Ibid.

Patricia R. Campbell, Assistant Professor and Clinic Coordinator, Caruth School of Dental Hygiene. B.S., University of Southern Indiana; M.S., Old Dominion University.

Maria L. Canales-Garcia, Associate Professor, Endodontics. B.S., University of Nuevo Leon (Mexico); D.D.S., Ibid; M.S., Loma Linda University.

David W. Canfield, Adjunct Assistant Professor, Pharmacology. D.D.S., University of California; M.S., Ibid.

Robert A. Cederberg, Clinical Instructor, Oral Radiology, Diagnostic Sciences. B.S., University of North Texas; M.A., Southern Methodist University; D.D.S., Baylor College of Dentistry.

Richard F. Ceen, Professor and Chairman, Orthodontics. B.S., University of Tennessee; D.D.S., Ibid; Certificate in Orthodontics, Columbia University.

Elia M. Chacón, Assistant Professor, Caruth School of Dental Hygiene. B.S., University of Texas at El Paso; M.Ed., Ibid.

Lewis A. Chambless, Associate Professor, Fixed Prosthodontics. B.S., Mississippi State University; D.D.S., University of Tennessee; Certificate in Prosthodontics, Martin Army Hospital; Diplomate of The American Board of Prosthodontics.

Jun Young Cho, Associate Professor, Periodontics. D.D.S., Seoul National University (South Korea); Certificate in Periodontics, Baylor College of Dentistry.

Kevin E. Clark, Clinical Assistant Professor, General Dentistry. D.D.S., Baylor College of Dentistry.

James S. Cole, Executive Vice President; Associate Dean; Assistant Professor, Operative Dentistry. B.S., Stephen F. Austin State University; D.D.S., Baylor College of Dentistry

Gary C. Coleman, Assistant Professor, Oral Diagnosis, Diagnostic Sciences. D.D.S., University of Iowa; M.S., Ibid.

Stephen M. Collard, Associate Professor, Dental Materials. B.S., University of Houston; D.D.S., University of Texas Health Science Center at San Antonio; M.S. Rice University; Ph.D., Ibid.

Brian D. Collins, Clinical Assistant Professor, Pediatric Dentistry. B.A., Rice University; D.D.S., Baylor College of Dentistry; Certificate in Pediatric Dentistry, Ibid.

Monte K. Collins, Clinical Assistant Professor, Orthodontics. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

Cristie Columbus, Adjunct Instructor, Graduate Core. B.S., University of Texas at Austin; M.D., University of Texas Southwestern Medical Center, Dallas.

Biagio J. Cosentino, Clinical Professor, Oral and Maxillofacial Surgery. D.D.S., Temple University; Certificate in Oral and Maxillofacial Surgery, United States Public Health Service.

Douglas R. Crosby, Clinical Assistant Professor, Orthodontics. B.A., University of Texas at Austin; D.D.S., Baylor College of Dentistry; M.S.D., University of North Carolina; Diplomate of The American Board of Orthodontics.

Deanne B. Crumpley, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Baylor College of Dentistry.

E. James Cundiff II, Associate Professor, Pathology, Diagnostic Sciences. D.D.S., Baylor College of Dentistry; M.S.D., Indiana University; Diplomate of The American Board of Oral Pathology.

Eugene W. Dahl, Clinical Assistant Professor, Removable Prosthodontics. B.S., Kent State University; D.D.S., The Ohio State University; Certificate in Prosthodontics, University of Texas Health Science Center at Houston; Diplomate of The American Board of Prosthodontics.

Rodney J. Davenport, Clinical Assistant Professor, Oral Diagnosis, Diagnostic Sciences. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry.

D. Bradley Dean, Clinical Assistant Professor, Periodontics. D.D.S., Baylor College of Dentistry; Certificate in Periodontics, *Ibid*.

Jack F. Dean, Adjunct Assistant Professor, Physiology. D.D.S., St. Louis University; B.S.D., Baylor College of Dentistry; Certificate in Oral and Maxillofacial Surgery, University of Texas Southwestern Medical Center at Dallas; Diplomate of The American Board of Oral and Maxillofacial Surgery.

Paul C. Dechow, Assistant Professor, Anatomy. B.A., University of Pennsylvania; Ph.D., University of Chicago.

Dominick P. DePaola, President and Dean. B.S., New York University; D.D.S., *Ibid*;

Ph.D., Massachusetts Institute of Technology.

Becky A. DeSpain, Associate Professor and Director, Caruth School of Dental Hygiene. B.S., Baylor College of Dentistry; M.Ed., Central State University.

Janice P. DeWald, Assistant Professor, Operative Dentistry. B.S., University of Iowa; D.D.S., *Ibid*.

Russell E. Dill, Professor, Anatomy. B.S., University of North Texas; M.S., *Ibid*; Ph.D., University of Illinois.

Dee Ann Dockins, Clinical Assistant Professor, Operative Dentistry. B.S., Ouachita Baptist University; D.D.S., Baylor College of Dentistry.

Roy L. Dorris, Professor, Pharmacology. B.S., Southern Nazarene University; M.A., George Peabody College for Teachers; Ph.D., Vanderbilt University.

Carl D. Ellis, Assistant Professor, General Dentistry. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry.

Patrick J. Ferrillo, Clinical Professor Emeritus, Endodontics. B.S., Stanford University; D.D.S., St. Louis University; Diplomate of The American Board of Endodontics.

Michael A. Fisher, Clinical Instructor, General Dentistry. B.S., Texas A&M University; D.D.S., Baylor College of Dentistry.

Loy W. Frazier, Jr., Professor and Chairman, Physiology. B.S., University of Texas at Arlington; Ph.D., University of Texas Southwestern Medical Center at Dallas.

Neil L. Frederiksen, Associate Professor and Director, Oral Radiology, Diagnostic Sciences. B.S., University of Minnesota; D.D.S., *Ibid*; Ph.D., State University of New York at Buffalo.

Howard Frysh, Assistant Professor, General Dentistry. B.D.S., University of Witwatersrand (South Africa); D.D.S., Baylor College of Dentistry.

Tommy W. Gage, Professor and Chairman, Pharmacology. B.S., University of Texas at Austin; D.D.S., Baylor College of Dentistry; Ph.D., Baylor University.

George Y. Gaines, Visiting Clinical Associate Professor, Periodontics. B.S., Texas Christian University; M.D., University of Texas Southwestern Medical Center at Dallas; Diplomate of The American Board of Anesthesiology.

Robert E. Gaylord, Clinical Professor, Orthodontics. D.D.S., Northwestern University; M.S.D., Ibid; Diplomate of The American Board of Orthodontics.

Edward R. Genecov, Clinical Associate Professor, Orthodontics. B.A., University of Texas at Austin; D.D.S., Baylor College of Dentistry; Certificate in Orthodontics, Columbia University; Diplomate of The American Board of Orthodontics.

Dwight C. German, Adjunct Professor, Anatomy. B.A., Southern Methodist University; M.S., University of Oklahoma; Ph.D., University of Oklahoma Health Science Center.

William A. Gibson, Assistant Dean for Graduate Studies and Research. B.A., The Ohio State University; M.A., Ibid; D.D.S., Ibid; M.D.S., Tufts University; Ph.D., Georgetown University.

Joseph A. Giovannitti, Jr., Adjunct Associate Professor, Pharmacology. B.S., University of Pittsburgh; D.M.D., Ibid.

Marcia J. Glass, Clinical Associate Professor, Periodontics. M.D., University of Sydney (Australia); Certificate in Dermatology, University of Texas Southwestern Medical Center at Dallas.

Gayle Glenn, Clinical Assistant Professor, Orthodontics. B.A., Texas Tech University; D.D.S., University of Texas Health Science Center at San Antonio; M.S.D., Baylor University.

Victor C. Glenn, Clinical Instructor, General Dentistry. B.S., Baylor University; M.A., University of Texas at Austin; D.D.S., University of Texas Health Science Center at San Antonio.

Gerald N. Glickman, Associate Professor, Endodontics. B.S., The Ohio State University; M.S., University of Kentucky; D.D.S., The Ohio State University; M.S., Northwestern University; M.B.A., Southern Methodist University; Diplomate of The American Board of Endodontics.

Larry J. Goates, Clinical Assistant Professor, Orthodontics. B.A., Baylor University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Orthodontics.

Paul W. Goaz, Clinical Professor Emeritus, Oral Radiology, Diagnostic Sciences. B.S., Oklahoma State University; M.S., University of Chicago; D.D.S., Loyola University (Chicago).

John T. Goodman, Clinical Associate Professor, Fixed Prosthodontics. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry; Certificate in Prosthodontics, William Beaumont Army Medical Center; Diplomate of The American Board of Prosthodontics.

James S. Granata, Associate Professor and Chairman, Removable Prosthodontics. B.A., State University of New York at Buffalo; D.D.S., Ibid; Certificate in Prosthodontics, Letterman Army Medical Center; Diplomate of The American Board of Prosthodontics.

Michael W. Granger, Assistant Professor, Pediatric Dentistry. B.S., University of Florida; D.M.D., Ibid.; Certificate in Pediatric Dentistry, University of Kentucky.

Guillermo E. Guillen, Assistant Professor, Fixed Prosthodontics. D.D.S., University of Costa Rica; D.D.S., University of Missouri at Kansas City; Certificate in Prosthodontics, Ibid.

James L. Gutmann, Professor and Chairman, Endodontics. D.D.S., Marquette University; Certificate in Endodontics, University of Illinois; Diplomate of The American Board of Endodontics.

Amha S. Hailemeskel, Clinical Instructor, Endodontics. B.S., Ouachita Baptist University; D.D.S., Baylor College of Dentistry.

G. Ray Hamby, Clinical Associate Professor, Pediatric Dentistry. B.S., Oklahoma State University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Pediatric Dentistry.

Deborah L. Hardy, Assistant Professor, Caruth School of Dental Hygiene. B.S., Old Dominion University; M.S., Ibid.

Stephen K. Harrel, Clinical Assistant Professor, Periodontics. B.A., Austin College; M.S., University of North Texas; D.D.S., Baylor College of Dentistry; Certificate in Periodontics, University of Oregon; Diplomate of The American Board of Periodontology.

J. Anderson Harris, Clinical Assistant Professor, Pediatric Dentistry. B.A., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

Shawnequa Harris, Visiting Clinical Assistant Professor, Community Health and Preventive Dentistry. D.D.S., University of Texas Health Science Center at Houston; M.P.H., Ibid.

John W. Harrison, Professor; Director of Graduate Programs, Endodontics. B.S., University of Alabama at Tuscaloosa; D.M.D., University of Alabama at Birmingham; M.S., Loyola University (Chicago); Diplomate of The American Board of Endodontics.

George A. Harvey, Assistant Professor, Operative Dentistry. B.S., University of Texas at Austin; D.D.S., University of Texas Health Science Center at Houston.

Thomas K. Hasegawa, Jr., Associate Professor; Acting Chairman, General Dentistry. B.A., Hastings College; D.D.S., University of Nebraska; M.A., Ibid.

Ronald R. Hathaway, Clinical Assistant Professor, Orthodontics. B.A., University of Notre Dame; M.S., Vanderbilt University; D.D.S., University of Iowa; M.S., University of Detroit.

Bryan N. Henderson II, Assistant Professor, Pharmacology. B.B.A., University of Texas at Austin; D.D.S., Baylor College of Dentistry; Certificate in Anesthesiology, Medical College of Pennsylvania.

Clay A. Henry, Professor and Chairman, Microbiology. B.S., Colorado State University; D.D.S., Baylor College of Dentistry; Ph.D., Massachusetts Institute of Technology.

James O. Henry, Jr., Assistant Dean for Student Affairs and Professor, Dental Ethics. B.S., Baylor University; D.D.S., Baylor College of Dentistry.

William T. Henson, Clinical Assistant Professor, Fixed Prosthodontics. D.D.S., University of Texas Health Science Center at Houston.

Sharon D. Hill, Assistant Professor, Pediatric Dentistry. B.S., University of North Carolina at Charlotte; D.D.S., University of North Carolina at Chapel Hill; M.S., Baylor University.

Thomas W. Hill, Associate Professor, Oral Diagnosis, Diagnostic Sciences. D.D.S., University of Missouri at Kansas City.

Robert J. Hinton, Associate Professor, Anatomy. B.S., University of Tennessee; M.A., University of Michigan; Ph.D., Ibid.

Marvin Hirsh, Assistant Professor, Operative Dentistry. B.S., University of Illinois; D.D.S., Ibid.

Ferrin H. Holcomb, Clinical Associate Professor, Pediatric Dentistry. D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Pediatric Dentistry.

Charles R. Holt, Clinical Assistant Professor, Orthodontics. D.D.S., Baylor College of Dentistry.

Jeffrey D. Holt, Clinical Assistant Professor, Pediatric Dentistry. D.D.S., University of Oklahoma.

J. Bennett Hooker, Clinical Associate Professor Emeritus, Fixed Prosthodontics. B.S., Texas A&M University; M.S., East Texas State University; D.D.S., Baylor College of Dentistry.

Joni S. Hopps, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Baylor College of Dentistry.

Susan K. Hummel, Assistant Professor, Removable Prosthodontics. B.S., University of Iowa; D.D.S., Ibid.; Certificate in Prosthodontics, Baylor College of Dentistry; Diplomate of the American Board of Prosthodontics.

Gregory A. Hunt, Clinical Instructor, General Dentistry. D.D.S., University of Texas Health Science Center at San Antonio.

Bob Hutchins, Associate Professor, Anatomy. B.S., Eastern Illinois University; M.B.A., Ibid; Ph.D., Tulane University.

Don L. Hylin, Assistant Professor, Pediatric Dentistry. B.S., Utah State University; D.D.S., Washington University; M.S.D., Baylor University.

Anthony M. Iacopino, Assistant Professor, Anatomy and Graduate Prosthodontics. B.A., Rutgers College; D.M.D., University of Medicine and Dentistry of New Jersey; Ph.D., Ibid.; Certificate in Prosthodontics, Ibid.

Hilton Israelson, Clinical Associate Professor, Periodontics. B.D.S., University of Witwatersrand (South Africa); Certificate in Periodontics, Tufts University; Diplomate of The American Board of Periodontology.

Leete Jackson, Clinical Associate Professor, Oral and Maxillofacial Surgery. B.A., Texas Tech University; D.D.S., University of Texas Health Science Center at Houston;

Certificate in Oral and Maxillofacial Surgery, University of Oklahoma; M.D., Texas Tech University.

Harmon V. Jacobs, Clinical Instructor, Oral Diagnosis, Diagnostic Sciences. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry.

Joe D. Jacobs, Clinical Associate Professor, Orthodontics. D.M.D., University of Kentucky; M.S.D., Ibid.

Jesse D. Jenkins, Assistant Professor, General Dentistry. D.D.S., University of Texas Health Science Center at San Antonio.

Warren M. Jespersen, Clinical Associate Professor, Oral Diagnosis, Diagnostic Sciences. B.S., University of Oklahoma; D.D.S., Baylor College of Dentistry.

Erbin E. Jones, Clinical Assistant Professor, General Dentistry. B.S., University of Missouri at Kansas City; D.D.S., Ibid; Certificate in Prosthodontics, University of Pittsburgh.

Sandra F. Kelleher, Clinical Assistant Professor, Dental Materials and Removable Prosthodontics. B.S., Baylor University; D.D.S., Baylor College of Dentistry.

John A. Khademi, Clinical Assistant Professor, Operative Dentistry. B.S., University of California at Irvine; B.S., University of California at San Francisco; D.D.S., Ibid.

Anthony H. King, Adjunct Assistant Professor, Anatomy. B.S., University of Oregon; M.A., State University of New York at Buffalo; Ph.D., Ibid.

Steven F. Kolb, Clinical Assistant Professor, Oral and Maxillofacial Surgery. B.S., Texas A&M University; D.D.S., University of Texas Health Science Center at San Antonio; M.S.D., Baylor University.

Robert A. Kolstad, Professor, Microbiology. B.S., University of Minnesota; M.S., Ibid; Ph.D., Ibid.

Joe W. Krayner, Clinical Assistant Professor, Periodontics. B.S., Southern Methodist University; B.A., Ibid; D.D.S., University of Texas Health Science Center at San Antonio; M.S., Medical University of South Carolina; Diplomate of The American Board of Periodontology.

Gerard C. Kress, Jr., Professor and Director, Behavioral Sciences, Educational Services. B.A., University of Rochester; Ph.D., State University of New York at Buffalo.

Randy J. Kunze, Clinical Assistant Professor, Operative Dentistry. B.S., Texas Wesleyan University; D.D.S., Baylor College of Dentistry.

Philip-John Lamey, Visiting Clinical Professor, Periodontics. B.S., University of Edinburgh (Scotland); B.D.S., Ibid., D.D.S., Ibid.; M.B., University of Glasgow (Scotland).

J. Steven Layton, Clinical Assistant Professor, Pediatric Dentistry. B.S., Baylor University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

Bradley M. Leonard, Visiting Adjunct Assistant Professor, Pathology, Diagnostic Sciences. B.A., Princeton University; M.D., University of Texas Southwestern Medical Center at Dallas.

Ko-Yu Wu Lin, Clinical Assistant Professor, Pediatric Dentistry. B.D.S., Koahsiung Medical College (Taiwan, R.O.C.); M.S., Baylor University.

Katie P. Lippas, Clinical Assistant Professor, Removable Prosthodontics. B.S., Southern Methodist University; D.D.S., Baylor College of Dentistry.

Laurette F. Lipson, Acting Assistant Dean for Academic Planning and Development; Professor and Chairman, Educational Services. B.S., St. Joseph College; M.N.Ed., University of Pittsburgh.

Alan S. Loewinsohn, Adjunct Assistant Professor, Dental Jurisprudence, General Dentistry. B.S., Northwestern University; J.D., University of Virginia.

Carla C. Loiacono, Assistant Professor, Caruth School of Dental Hygiene. B.S., Brockport University; M.S., Old Dominion University.

Jack L. Long, Assistant Professor, Fixed Prosthodontics. B.A., University of Texas at Austin; D.D.S., Baylor College of Dentistry.

Mary M. Lontchar, Assistant Professor, Caruth School of Dental Hygiene. B.S., Northern Arizona University; M.A., Ibid.

Rafael E. Lorenzana, Clinical Assistant Professor, Fixed Prosthodontics. D.D.S., University of El Salvador; Certificate in Prosthodontics; Medical University of South Carolina; D.D.S., Baylor College of Dentistry.

Joe B. Lumsden, Clinical Instructor, Oral Diagnosis, Diagnostic Sciences. B.S., North Carolina State University; M.S., Wake Forest University; D.D.S., Baylor College of Dentistry.

Thayer C. Lyon, Jr., Professor, Community Health and Preventive Dentistry. B.S., Bucknell University; D.D.S., University of Pittsburgh; M.S., Georgetown University; Ph.D., University of Maryland.

James E. Makins, Director, Continuing Education; Assistant Professor, Dentistry. D.D.S., University of Texas Health Science Center at Houston; Certificate in Orthodontics, State University of New York at Buffalo.

Victoria A. Marker, Associate Professor, Dental Materials. B.A., University of Colorado; M.S., Northwestern University; Ph.D., *Ibid*.

L. Kay Mash, Assistant Professor, Operative Dentistry. B.A., University of Arkansas; D.D.S., University of Missouri at Kansas City.

Kate E. Matthews, Clinical Assistant Professor, Fixed Prosthodontics. B.S., University of North Texas; M.S., *Ibid*; D.D.S., Baylor College of Dentistry.

Thomas M. Matthews, Clinical Professor, Orthodontics. B.S., University of Georgia; D.D.S., Baylor College of Dentistry; Diplomate of The American Board of Orthodontics.

Ann L. McCann, Clinical Associate Professor, Caruth School of Dental Hygiene. B.S., University of Michigan; M.S., Mercy College of Detroit.

Sandra L. McCarthy, Assistant Professor, Removable Prosthodontics. D.D.S., Marquette University; Certificate in Prosthodontics, Baylor College of Dentistry.

Bradley A. McConnell, Clinical Assistant Professor, Operative Dentistry. B.A., Miami University (Ohio); D.D.S., Baylor College of Dentistry.

Alexander W. McCracken, Adjunct Professor, Pathology, Diagnostic Sciences. M.D., University of Glasgow (Scotland); Diplomate of The American Board of Pathology.

Carla B. McIntosh, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Baylor College of Dentistry.

James E. McIntosh, Assistant Professor, Anatomy. B.S., Colorado State University; M.S., *Ibid*; Ph.D., *Ibid*.

Thomas W. McKinney, Associate Professor, Removable Prosthodontics. B.S., Abilene Christian University; D.D.S., Baylor College of Dentistry.

Michael J. McQuade, Associate Professor; Director, Graduate Programs, Periodontics. B.S., University of Oregon; D.D.S., Creighton University; M.S., Washington University; Diplomate of The American Board of Periodontology.

Alton G. McWhorter, Assistant Professor, Pediatric Dentistry. B.A., Mississippi College; D.D.S., University of Tennessee; M.S., Baylor University.

Donald R. Melisch, Clinical Associate Professor, Oral and Maxillofacial Surgery. D.D.S., University of Iowa; M.S., Mayo Graduate School of Medicine; M.D., University of Minnesota; Diplomate of The American Board of Oral and Maxillofacial Surgery.

Samuel M. Meller, Associate Professor, Pediatric Dentistry and Orthodontics. B.A., City University of New York-Queens; D.M.D., New Jersey College of Medicine and Dentistry; Certificate in Pediatric Dentistry, Harvard School of Dental Medicine; D.M.Sc., *Ibid*; Certificate in Orthodontics, *Ibid*; Diplomate of The American Board of Orthodontics.

M. Alan Menter, Visiting Clinical Professor, Periodontics. M.D., University of Witwatersrand (South Africa); Certificate in Dermatology, University of Pretoria (South Africa); Diplomate of The American Board of Dermatology.

Amp W. Miller III, Associate Professor, Fixed Prosthodontics. B.S., Southwestern University; D.D.S., Baylor College of Dentistry; Certificate in Prosthodontics, *Ibid*.

Barbara H. Miller, Assistant Professor, Dental Materials and Removable Prosthodontics. B.S., Texas A&M University; D.D.S., Baylor College of Dentistry.

Edward G. Miller, Jr., Professor and Chairman, Biochemistry. B.S., University of Texas at Austin; Ph.D., *Ibid*.

James W. Moore, Clinical Associate Professor, Orthodontics. B.A., University of North Texas; M.A., *Ibid*; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Orthodontics.

Robert E. Morgan, Jr., Clinical Assistant Professor, Pediatric Dentistry. B.S., Texas A&M University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University.

Susan K. Moss, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Texas Woman's University.

Maureen G. Muench, Assistant Professor, Pediatric Dentistry. B.S., Clarkson University; D.D.S., State University of New York at Stony Brook; Certificate in Pediatric Dentistry, Children's Hospital of Buffalo, NY.

Kathleen B. Muzzin, Clinical Assistant Professor, Caruth School of Dental Hygiene. B.S., Loyola University (Chicago); M.S., University of Missouri at Kansas City.

William R. Nail III, Clinical Associate Professor, Community Health and Preventive Dentistry. B.A., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.P.H., University of Texas Health Science Center at Houston.

Hiroshi Nakajima, Assistant Professor, Dental Materials. B.E., Keio University (Japan); D.D.S., Josai University (Japan); Ph.D., Ibid.

Carlos F. Navarro, Visiting Clinical Assistant Professor, Orthodontics. D.D.S., University of Coahuila (Mexico); M.S.D., Baylor University; D.D.S., Baylor College of Dentistry.

John F. Nelson, Assistant Dean for Clinical Affairs. B.S., University of Minnesota; D.D.S., Ibid; Certificate in Oral Pathology, The Armed Forces Institute of Pathology; M.Ed., George Washington University; Diplomate of The American Board of Oral Pathology.

Joseph T. Newman, Adjunct Assistant Professor, Microbiology. B.A., St. Michael's College; M.S., University of Connecticut; Ph.D., University of Texas Health Science Center at San Antonio.

Charles W. Nichol, Clinical Associate Professor, Orthodontics. B.A., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.S., St. Louis University.

Linda C. Niessen, Executive Assistant to the President, Director of Geriatric Oral Medicine, Associate Professor, Community Health and Preventive Dentistry. B.A., University of New Mexico; D.M.D., Harvard University; M.P.H., Ibid.; M.P.P., Ibid.

Charles L. Oakes, Clinical Associate Professor, Orthodontics. D.D.S., Baylor College of Dentistry; Certificate in Orthodontics, Eastman Dental Center.

Toru Okabe, Professor and Chairman, Dental Materials. B.S., Waseda University (Japan); Ph.D., University of Florida.

Edwin P. Ornish, Clinical Assistant Professor, Oral Diagnosis, Diagnostic Sciences. D.D.S., Baylor College of Dentistry.

Charles F. Orth, Clinical Assistant Professor, Periodontics. B.A., Wichita State University; D.D.S., Creighton University; M.S.D., Baylor University; Diplomate of The American Board of Periodontology.

Larry L. Pace, Clinical Assistant Professor, Fixed Prosthodontics. B.S., University of Texas at Arlington; D.D.S., Baylor College of Dentistry; Certificate in Prosthodontics, Ibid; Diplomate of The American Board of Prosthodontics.

Rhonda K. Page, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Texas Woman's University.

Warren A. Parker, Professor and Chairman, Community Health and Preventive Dentistry. D.D.S., University of Maryland; M.P.H., University of California at Berkeley; Certificate in Dental Public Health, United States Public Health Service; Diplomate of The American Board of Dental Public Health.

Evelyn M. Patella-Clark, Assistant Professor, Operative Dentistry. B.S., University of Louisville; D.M.D., Ibid.

Kimberly K. Patterson, Clinical Instructor, Caruth School of Dental Hygiene. B.S., Baylor University.

Miro A. Pavelka, Clinical Assistant Professor, Oral and Maxillofacial Surgery. B.S., Texas A&M University; M.S., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.S. Baylor University.

Michael B. Payne, Clinical Instructor, Removable Prosthodontics. B.S., Texas Tech University; D.D.S., Baylor College of Dentistry.

Allan D. Pearsall, Assistant Professor, Anatomy. B.S., Central Michigan University; M.S., Michigan State University; Ph.D., Ibid.

Sandra M. Petrocchi, Clinical Assistant Professor, Pediatric Dentistry. B.S., University of Monterrey (Mexico); D.D.S., University of Nuevo Leon (Mexico); Certificate in Pediatric Dentistry, Columbia University.

David M. Phillips, Clinical Assistant Professor, Oral and Maxillofacial Surgery. B.S., University of Houston; D.D.S., University of Texas Health Science Center at Houston; M.S., Ibid.

Jacqueline M. Plemons, Assistant Professor, Periodontics; Assistant Director, Stomatology Center. D.D.S., Baylor College of Dentistry; M.S., Baylor University.

A. Stanley Poll, Clinical Assistant Professor, Fixed Prosthodontics. B.A., University of North Texas; D.D.S., Baylor College of Dentistry.

Kathleen V. Rankin, Adjunct Assistant Professor, Pathology, Diagnostic Sciences. B.A., University of Nevada; D.D.S., Baylor College of Dentistry.

Michael J. Reed, Clinical Instructor, General Dentistry. B.S., University of Texas at Austin; D.D.S., Baylor College of Dentistry.

Terry D. Rees, Professor and Chairman, Periodontics; Director, Stomatology Center. D.D.S., University of Tennessee; M.S.D., Baylor University; Diplomate of The American Board of Periodontology.

Dale E. Rhodes, Clinical Assistant Professor, Operative Dentistry. B.S., Baylor University; D.D.S., Baylor College of Dentistry.

James E. Richardson, Visiting Clinical Assistant Professor, Community Health and Preventive Dentistry. D.D.S., Marquette University; M.S., University of Iowa; Ph.D., Ibid.

Francisco Rivera-Hidalgo, Associate Professor; Director, Research, Periodontics. B.S., University of Puerto Rico; D.M.D., Ibid; M.S., George Washington University; Certificate in Periodontology, Letterman Army Medical Center.

Richard D. Roblee, Visiting Clinical Assistant Professor, Orthodontics & Operative Dentistry. B.S., University of Arkansas; D.D.S., Baylor College of Dentistry; M.S., Baylor University.

Matthew J. Roszkowski, Assistant Professor, Oral and Maxillofacial Surgery. B.S., University of Minnesota; D.D.S., Ibid; M.S., Ibid; Diplomate of The American Board of Oral and Maxillofacial Surgery.

Rohit Sachdeva, Associate Professor, Orthodontics. B.D.S., University of Nairobi (Kenya); M.D.S., University of Connecticut.

Hans M. Sander, Visiting Adjunct Assistant Professor, Pathology, Diagnostic Sciences. B.S., Texas A&M University; M.D., Ibid.

Robert A. Sappington, Visiting Clinical Assistant Professor, Community Health and Preventive Dentistry. D.M.D., Medical University of South Carolina; M.P.H., University of North Carolina.

Emet D. Schneiderman, Assistant Professor; Director, Research, Oral and

Maxillofacial Surgery. B.S., Northwestern University; M.A., Ibid; Ph.D., University of Michigan.

S. Robert Schow, Associate Professor; Director, Residency Programs, Oral and Maxillofacial Surgery. D.M.D., University of Oregon; Certificate in Oral and Maxillofacial Surgery, Brooke Army Medical Center; Diplomate of The American Board of Oral and Maxillofacial Surgery.

N. Sue Seale, Professor and Chairman, Pediatric Dentistry. B.A., Southern Methodist University; D.D.S., Baylor College of Dentistry; M.S.D., Baylor University; Diplomate of The American Board of Pediatric Dentistry.

Howard E. Shayne, Assistant Professor, Operative Dentistry. B.A., University of South Florida; D.D.S., Baylor College of Dentistry.

Mary Lynn Shayne, Clinical Instructor, Community Health and Preventive Dentistry. B.S., Ashland University; D.D.S., Baylor College of Dentistry.

Douglas P. Sinn, Visiting Clinical Professor, Oral and Maxillofacial Surgery. B.S., University of Iowa; D.D.S., Creighton University; Certificate in Oral and Maxillofacial Surgery, University of Texas Southwestern Medical Center at Dallas.

Fred D. Smith, Professor, Periodontics. B.S., The Citadel; D.D.S., Baylor College of Dentistry.

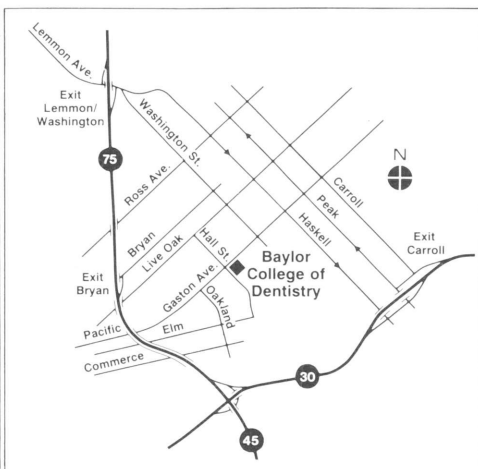
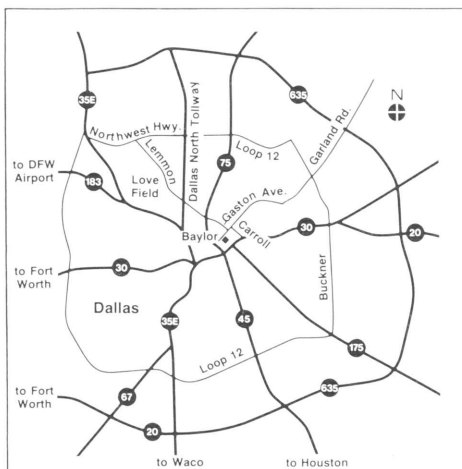
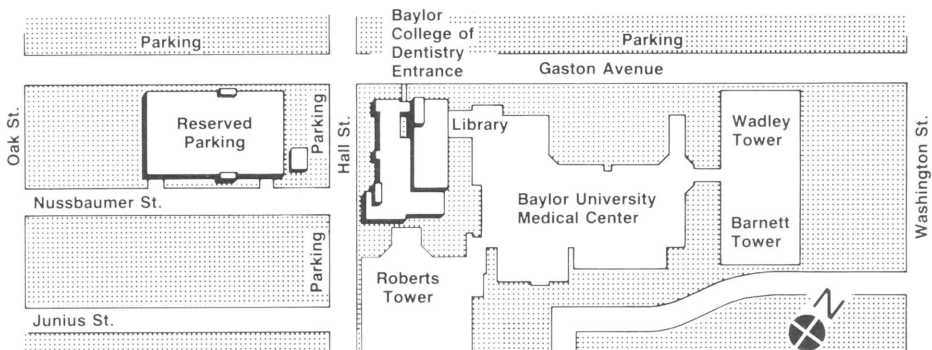
Richard J. Smith, Visiting Clinical Professor, Orthodontics. B.S., Brooklyn College; M.S., Tufts University; D.M.D., Ibid.; Certificate in Orthodontics, University of Connecticut; M. Philosophy, Yale University; Ph.D., Ibid.

J. Steven Sollers, Clinical Instructor, Fixed Prosthodontics. B.S., Texas A&M University; D.D.S., Baylor College of Dentistry.

Glynn K. Solomon, Clinical Assistant Professor, Operative Dentistry and Removable Prosthodontics. B.S., Baylor University; D.D.S., Baylor College of Dentistry.

Glyn M. Spearman, Clinical Assistant Professor, Endodontics. B.S., Texas Christian University; D.D.S., University of Texas Health Science Center at Houston.

Henry A. Spies, Jr., Visiting Clinical Assistant Professor, Oral Diagnosis, Diagnostic Sciences. B.S., East Texas State University; M.S., University of Alabama at Birmingham; D.D.S., Temple University.



For further information concerning Dental, Dental Hygiene and Advanced Education Programs write to:

Office of the Registrar
 Baylor College of Dentistry
 3302 Gaston Avenue
 Dallas, Texas 75246
 (214) 828-8230

Baylor College of Dentistry
3302 Gaston Avenue
Dallas, Texas 75246