The Department of Endodontics at the College of Dentistry provides education to develop competent diagnosticians and clinicians in the field of dentistry that focuses on the diagnosis, treatment and prevention of diseases involving dental pulp and the tissues at the root apex.

The endodontic faculty teach a full scope of clinical and didactic endodontic courses to second-, third-, and fourth-year dental students. An optional MS in Oral Biology (https://dentistry.tamhsc.edu/graduate-studies/futurestudents/mastersandphddegrees.html) is available through the Department of Biomedical Sciences. Application is made through ApplyTexas (https://www.applytexas.org). The MS requires the successful completion of an additional 32 semester credit hours, the completion of a research project, and the successful defense of a written thesis. Additional time in residence would be required if pursuing the Certificate and the MS in Oral Biology simultaneously.

The students in the graduate certificate program treat complex cases beyond the scope of DDS expertise, with cases being referred from within the College of Dentistry and from regional dentists. The students also provide treatment to medically-compromised patients onsite and in hospital settings.

The department has generated numerous research publications during the past decade in the field of endodontic surgery and materials.

Faculty
Augsburger, Robert A, Clinical Assistant Professor
Endodontics
DDS, University of California-San Francisco, 1973
Cheff, Stephen O, Clinical Assistant Professor
Endodontics
DDS, University of Michigan-Ann Arbor, 1972
Glickman, Gerald N, Professor
Endodontics
DDS, The Ohio State University Columbus, OH, 1978
Jalali, Sid P, Clinical Assistant Professor
Endodontics
PHD, Kerman University of Medical Sciences/Iran, 2008
Ouyang, Hongjiao, Associate Professor
Endodontics
DMD, University of Pittsburgh, 2008
PHD, University of Michigan, 2000
Schweitzer, Jordan L, Clinical Associate Professor
Endodontics
DDS, Baylor College of Dentistry, 1986
Wang, Fengming, Clinical Assistant Professor
Endodontics
PHD, West China College of Stomatolgy, 2006

Certificates
- Endodontics Certificate

Courses
ENDO 600 Current Literature Review I
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 601 Current Literature Review II
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.

ENDO 602 Current Literature Review III
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.

ENDO 603 Current Literature Review IV
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.

ENDO 604 Current Literature Review V
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.

ENDO 605 Current Literature Review VI
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.

ENDO 606 Current Literature Review VII
Credit 1. 1 Lecture Hour.
Detailed review of recently published literature on all subjects related to endodontics; critical evaluation of the scientific literature; assignment of recent issues of 28 selected dental journals for critical review of pertinent articles for scientific merit and clinical relevance; register for a total of 9 credit hours.
ENDO 607 Endodontics Treatment Planning Conference I
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 608 Endodontics Treatment Planning Conference II
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 609 Endodontics Treatment Planning Conference III
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 610 Endodontics Treatment Planning Conference IV
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 611 Endodontics Treatment Planning Conference V
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 612 Endodontics Treatment Planning Conference VI
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 613 Endodontics Treatment Planning Conference VII
Credit 1. 1 Lecture Hour.
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; register for a total of 9 credit hours.

ENDO 614 Special Problems in Endodontics I
Credit 1. 1 Lecture Hour.
In-depth exploration of subjects of individual’s 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 formulation; may register for a total of 6 semester hours.

ENDO 615 Special Problems in Endodontics II
Credit 1. 1 Lecture Hour.
In-depth exploration of subjects of individual’s 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 formulation; may register for a total of 6 semester hours.

ENDO 616 Special Problems in Endodontics III
Credit 1. 1 Lecture Hour.
In-depth exploration of subjects of individual’s 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 formulation; may register for a total of 6 semester hours.

ENDO 617 Special Problems in Endodontics IV
Credit 1. 1 Lecture Hour.
In-depth exploration of subjects of individual’s 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 formulation; may register for a total of 6 semester hours.

ENDO 618 Special Problems in Endodontics V
Credit 1. 1 Lecture Hour.
In-depth exploration of subjects of individual’s 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 formulation; may register for a total of 6 semester hours.

ENDO 619 Advanced Special Problems in Endodontics I
Credit 1. 1 Lecture Hour.
Advanced topics of individual scientific or clinical interest; may register for a total of 5 semester hours.

ENDO 620 Advanced Special Problems in Endodontics II
Credit 1. 1 Lecture Hour.
Advanced topics of individual scientific or clinical interest; may register for a total of 5 semester hours.

ENDO 621 Implant Concepts and Treatment
Credits 2. 2 Other Hours.
In-depth knowledge of the theories, concepts and treatment modalities implant prosthodontics; emphasis is placed integrating basic concepts with rationale for treatment.

ENDO 622 Clinical Endodontics I
Credits 2. 2 Lab Hours.
Diagnosis, management and treatment of patients requiring endodontic therapy by beginning graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; register for a total of three semesters.

ENDO 623 Clinical Endodontics II
Credits 2. 2 Lab Hours.
Diagnosis, management and treatment of patients requiring endodontic therapy by beginning graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; register for a total of three semesters.
EN0 624 Clinical Endodontics III
Credits 2. 2 Lab Hours.
Diagnosis, management and treatment of patients requiring endodontic therapy by beginning graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; register for a total of three semesters.

EN0 625 Clinical Endodontics IV
Credits 2. 2 Lab Hours.
Diagnosis, management and treatment of patients requiring endodontic therapy by beginning graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; register for a total of three semesters.

EN0 626 Clinical Endodontics V
Credits 2. 2 Lab Hours.
Diagnosis, management and treatment of patients requiring endodontic therapy by beginning graduate students under faculty supervision; case selection and patient load determined by student aptitude and clinical competence; register for a total of three semesters.

EN0 627 Advanced Clinical Endodontics I
Credits 2. 2 Lab Hours.
Diagnosis and management of patients with complex treatment problems; includes medically compromised patients, retreatments, surgeries and difficult interdisciplinary cases.

EN0 628 Advanced Clinical Endodontics II
Credits 2. 2 Lab Hours.
Diagnosis and management of patients with complex treatment problems; includes medically compromised patients, retreatments, surgeries and difficult interdisciplinary cases.

EN0 689 Special Topics In...
Credits 0 to 4. 0 to 4 Other Hours.
Selected topics in an identified area of endodontics. May be repeated for credit.

EN0 691 Research
Credits 1 to 5. 1 to 5 Other Hours.
Research for thesis or dissertation.