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 Stromatology, 2006
- Wildey, William L, Adjunct Assistant Professor
  Endodontics
  DDS, Georgetown University, 1976

### 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.
ENDO 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.

ENDO 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.

ENDO 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.

ENDO 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.

ENDO 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.

ENDO 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.

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