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
MS, The George Washington University, 2016
DDS, University of California at San Francisco, 1973

Cheff, Stephen O, Clinical Assistant Professor
Endodontics
MS, The University of Texas Health Science Center at Houston, 1976
DDS, University of Michigan, 1972

Glickman, Gerald N, Professor
Endodontics
MS, Northwestern University Dental School, 1984
DDS, The Ohio State University, 1978

Jalali, Sid P, Clinical Assistant Professor
Endodontics
PHD, Kerman University of Medical Sciences, Iran, 2008

Schweitzer, Jordan L, Clinical Associate Professor
Endodontics
MS, Marquette University, 1990
DDS, Baylor College of Dentistry, 1986

Wang, Fengming, Clinical Assistant Professor
Endodontics
PHD, West China College of Stomatology, 2006

Willey, William L, Adjunct Assistant Professor
Endodontics
CERT, The University of Texas Health Science Center at San Antonio, 1988
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. Students 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; 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 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; 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 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; 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 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; 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 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; 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 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; 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 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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. Students 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; students 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; students 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; students 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; students 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; students 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.