

INTRODUCTION

The Department of Comprehensive Dentistry at UT Health San Antonio offers an accredited one-year Advanced Education in General Dentistry Program (AEGD). Our Department of Comprehensive Dentistry is committed to providing excellent advanced education in general dentistry to individuals who plan to seek careers in general dentistry. In keeping with the generalist concept, the majority of patient care is supervised by General Dentistry faculty, all of whom have had one to three years of training in Advanced Education in General Dentistry (AEGD) and/or General Practice Residencies (GPR).

Intensive clinical and didactic training in comprehensive care of the dental patient with complex medical issues, critical thinking, and treatment planning are top priorities of our program. In addition, the AEGD program provides advanced training in the dental specialties in an effort to expand the treatment repertoire practiced by our program's graduates. Program participants work and consult on a regular basis with orthodontists, periodontists, endodontists, and prosthodontists. Dental care is provided in the Advanced General Dentistry Clinic (AGDC).

Didactic instruction is an important component of our program. Three hundred and fifty hours are devoted annually to lectures, seminars, continuing education courses and other presentations that cover a wide range of advanced dental topics. The majority of this didactic instruction is concentrated during the months of July and August at the inception of the program. Additional didactic instruction is provided throughout the year.

An optional second year of our AEGD program is also available for interested 1st year AEGD participants. During the second-year, more time is spent in the AGDC providing comprehensive care to a wide variety of patients. In addition, there are additional teaching responsibilities of first year AEGD participants and undergraduate dental students.



POSITIONS AVAILABLE

There are 12-15 first-year positions available (varies per year). We receive between 180-250 applications per year, and will interview 32-40 applicants.

ROTATIONS

San Antonio Christian Dental Clinic (at Haven for Hope)

This service rotation was created to provide dental services to homeless and community patients. Two residents and one faculty rotate through this clinic two days per week and provide endodontic and oral surgery services.

Anesthesia Rotation (South Veterans Healthcare system)

Each resident will spend one week on the Anesthesia Service at the V.A. Hospital, from 7 AM to 11 AM. Duties will include participation in pre-anesthetic evaluation, venipuncture, airway management, intubations, use of anesthetic agents, completion of the anesthesia record and general patient management.

DIDACTIC COURSES

- **ADVANCED CARDIAC LIFE SUPPORT:** ACLS course to improve cognitive knowledge and technical skills in emergency procedures.



- **CLINICAL MEDICINE SEMINAR:** Presented by AEGD faculty on topics relative to the dental management of medically compromised patients.

- **DENTAL MATERIALS:** Course designed to investigate dental cements, composites, impression materials, amalgams and dental porcelains.

- **CURRENT LITERATURE REVIEW:** Conferences led by program faculty and residents concerning a current topic in the dental literature.



- **DENTAL IMPLANTS:** Course designed to introduce basic implantology including nomenclature, diagnosing and treatment planning, complications, and surgical/prosthetic procedures.

- **DENTAL PHOTOGRAPHY:** Course to provide information on digital photography and exhibit its use in dentistry for intraoral and extraoral radiographs. Participants are required to take photographs throughout the year to document their patient cases.

- **LABORATORY ORIENTATION:** A one-day course to orient the resident to onsite

Application Deadline: October 1

dental laboratory equipment and its proper use.

- **ORAL ONCOLOGY and ORAL PATHOLOGY:** Course led by a board certified oral medicine clinician who will describe and discuss the risk factors, epidemiology, screening techniques, diagnosis and the treatment modalities for head and neck cancer and also review common oral pathological conditions and their systemic effects, treatment, and prognosis.

- **CAD/CAM:** Consists of didactic lectures relative to the use of CAD/CAM technology as well as hands-on experience.



- **ENDODONTICS:** A lecture series including various endodontic topics. Hands-on participation courses also provided to practice different rotary and obturation systems. An endodontic microscope is available in our surgical suite.

- **GENERAL DENTISTRY:** Seminar series covering various topics in general dentistry.

- **PHYSICAL DIAGNOSIS:** Lecture/clinical course in physical diagnosis and medical risk assessment.



- **ESTHETIC DENTISTRY COURSE:** Seminar series to describe the diagnosis and treatment techniques associated with anterior and posterior esthetic dentistry.
- **CASES PRESENTATIONS:** End of the year presentations by each participant discussing the dental treatment accomplished during the year.



- **PAIN CONTROL and SEDATION in DENTISTRY:** A 64-hour didactic and demonstration course in intravenous conscious sedation leading to IV Sedation certification.
- **PERIODONTICS LECTURE SERIES:** Lectures covering various topics in periodontics.
- **POSTDOCTORAL LECTURE SERIES:** A course consisting of presentations on topics selected by the participants and approved by the course director. Presentations are followed by topic discussion.



- **ORAL SURGERY:** Course designed to enhance understanding of surgical topics and techniques along with the prevention and management of complications.
- **PRACTICE MANAGEMENT:** Course given by a private dentist designed to provide residents with an overview of the full range of personal and business financial activities for starting and/or buying and running a dental practice.
- **REMOVABLE PROSTHODONTICS LECTURE SERIES:** A lecture series describing the diagnosis and treatment of patients require the replacement of missing teeth with removable partial dentures, complete dentures, other prosthetic appliances and prosthesis attachments.
- **TMJ LECTURE SERIES:** Lecture series discussing the TMJ anatomy and diagnosing and treating TM disorders.
- **TREATMENT PLANNING CONFERENCES:** Formal one-hour conferences led by AEGD participants presenting formal treatment plans.

FACILITIES

Dental care is provided in the Advanced General Dentistry Clinic (AGDC). There are twenty-one fully-equipped treatment rooms in the AGDC. One operatory can be used as a surgical suite and is equipped with an endodontic microscope. Patients are selected from an overall dental patient pool and are coordinated and scheduled by our patient schedulers and clinic manger. Oral hygiene care is provided by our full-time dental hygienists.

All instruments and materials are furnished by the program. Dental assistants are available and they are utilized for the majority of patient treatment.



Although a dental laboratory is available in the clinic, both in-house and outside dental laboratories are available for laboratory support.

Residents share an office equipped with a multiple computers, copier, printer, wireless internet access and storage for laboratory cases and personal items.



The AEGD Program participates in the Postdoctoral Application Support Service (PASS) (mandatory) for application. We do NOT participate in the National Dental Matching program. An UTHSCSA-specific application and other information is available on our website: <http://www.uthscsa.edu/academics/dental/programs/aegd-advanced-dentistry>

APPLICATION PREREQUISITES

- 1) On track to graduate from an ADA- accredited dental school
- 2) Completed PASS application (includes official transcripts from college and dental school, CV/Resume, and letters of recommendation)
- 3) Completed program application with photo
- 4) Passed Part I of National Dental Board Examination

REQUIREMENTS TO MATRICULATE IF ACCEPTED

Must have earned D.M.D/D.D.S degree and passed Parts I and II of the National Dental Board Examination.

If you did not graduate from an ADA-accredited dental school, the following items are also required to complete your application:

- 1) ***Passed Part II of National Dental Board Examination (prior to application deadline)***
- 2) ***TOEFL (iBT format)***
- 3) ***Translated and evaluated transcripts through WES or ECE***

Please see our website for further clarification of these application requirements.

<http://www.uthscsa.edu/academics/dental/advanced-general-dentistry-international-and-non-ada-applicants-page>

If you need further assistance, please contact our academic coordinator, Lupita Gomez at gomezl@uthscsa.edu or (210) 450-3273.

**PROGRAM DIRECTOR
ADVANCED EDUCATION IN GENERAL DENTISTRY**

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