INTRODUCTION

The UTHSCSA Department of General Dentistry offers an accredited one-year Advanced Education in General Dentistry Program (AEGD). The UTHSCSA Department of General 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 advanced education in General Dentistry in AEGD’s and/or General Practice Residencies (GPR’S).

Intensive clinical and didactic training in comprehensive care of the dental patient with complex medical issues, critical thinking, treatment planning and presentation 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. Thus residents will also work and consult on a regular basis with orthodontists, periodontists, endodontists, and prosthodontists. Dental care is provided in the Advanced General Dentistry Clinic (AGDC) which is shared with our General Practice Residents.

Since didactic instruction is an important component of our residency 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 residency with additional didactic instruction remaining an important component throughout the residency year.

An optional second year of our AEGD residency is also available for interested 1st year AEGD residents. As second-year residents, more time will be spent in the AGDC providing comprehensive care to a wide variety of patients. In addition, chief residents also carry a number of teaching responsibilities for first year AEGD and GPR residents and undergraduate dental students.

POSITIONS AVAILABLE

Currently, there are six first-year positions available.

ROTATIONS

Cancer Therapy and Research Center - Each resident will attend University Hospital Tumor Board meetings and assist in the management of head and neck cancer patients in the AGDC and the University Hospital Dental Clinic.

Dental School Emergency Call - The AEGD residents take first call for after hour undergraduate dental school emergency patients and for AGDC emergency patients. Each resident takes emergency call for one 7-day period at a time.

Hospital Dentistry – This rotation briefly introduces the AEGD resident to the practice of hospital dentistry. The AEGD resident will be on rotation at University Hospital (UTHSCSA’s teaching hospital) 11 times (once a month) throughout their one year residency. Here they will
participate in the treatment of patients in a hospital setting.

VA Dental Clinic (Datapoint Location)
Prosthodontic Restorative Rotation:
Each AEGD resident will rotate once a month at the VA dental clinic to gain knowledge relative to different philosophies of prosthodontic and restorative dentistry

UTHSCSA Postdoctoral CAD/CAM Rotation: This rotation consists of 12 hours of didactic lectures relative to the use of CAD/CAM technology (Cerac) as well as hands on experience utilizing typodonts and patients with applicable clinical situations consenting to this type of restoration.

DIDACTIC COURSES

• ADVANCED CARDIAC LIFE SUPPORT: 16 – hour ACLS course to improve residents’ cognitive knowledge and technical skills

• CLINICAL MEDICINE SEMINAR: Weekly 1-2 hours per week, presented by AEGD and GPR faculty on topics relative to the dental management of medically compromised patient ~20 hours

• CURRENT LITERATURE REVIEW: Twenty-eight weekly conferences led by program faculty and residents concerning a current topic in the dental literature

• DENTAL IMPLANTS: A 15-hour course designed to introduce the residents to basic implantology including nomenclature, diagnosing and treatment planning, and surgical/prosthetic procedures. In addition various implant companies present seminars relative to their particular brand throughout the year.

• DENTAL MATERIALS: A 26-hour course designed to investigate dental cements, composites, impression materials, amalgams and dental porcelains.

• DENTAL PHOTOGRAPHY: A 7-hour course to provide information on digital photography and exhibit its use in dentistry for intraoral and extraoral radiographs. Residents are also required to perform dental photography throughout the year to illustrate their patient cases during presentations.

• ENDODONTICS: A lecture series of various topics in endodontics provided by various academic endodontist. Hands on participation courses also provided to practice different rotary and obturation systems

• ESTHETIC DENTISTRY COURSE: A 24-hour seminar series to describe the diagnosis and treatment techniques associated with anterior and posterior esthetic dentistry.

• “FINAL PHASES” CASES PRESENTATIONS: An 11-hour course presented at the end of the residency year involving individual presentations by each resident and the dental treatment accomplished during their residency year.

• GENERAL DENTISTRY: A weekly seminar series over seven weeks covering various topics in general dentistry

• LABORATORY ORIENTATION: A one-day course to orient the resident to onsite dental laboratory equipment and its proper use

Application Deadline: October 15
• **ORAL ONCOLOGY**: A 10-hour course led by a board certified oral medicine clinician who will describe and discuss the risk factors, the epidemiology, the screening techniques, the diagnostics and the treatment modalities for head and neck.

• **ORAL PATHOLOGY**: A 12-hour course led by a board certified oral medicine clinician who reviews common oral pathological conditions and their systemic effects, treatment and prognosis.

• **ORAL SURGERY**: A 10-hour course designed to enhance a resident's understanding of surgical topics and techniques along with the prevention and management of complications.

• **PAIN CONTROL and SEDATION in DENTISTRY**: A 64-hour didactic and demonstration course in intravenous conscious sedation.

• **PERIODONTICS LECTURE SERIES**: Weekly lectures in periodontics over approximately 17 weeks.

• **PHYSICAL DIAGNOSIS**: A 12-hour lecture/clinical course in physical diagnosis and medical risk assessment.

• **POSTDOCTORAL LECTURE SERIES**: A course consisting of resident presentations on topics selected by the residents and approved by the course director. Presentations are followed by topic discussion.

• **PRACTICE MANAGEMENT**: A 10-hour course given by a private dentist designed to provide residents with an overview of the full range of personal and business financial activities for beginning 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**: Ten hour lecture series discussing the TMJ anatomy; diagnosing and treatment for TM disorders.

• **TREATMENT PLANNING CONFERENCES**: 15 formal one-hour conferences led by residents presenting formal treatment plans that will result in discussion by faculty and resident presenters.

**RESEARCH**
Residents can participate in ongoing faculty research or can develop their own project. Past efforts have primarily involved research in dental materials, but future projects are not limited to this area. This opportunity is intended to allow 2nd year residents to apply their didactic knowledge and to use the scientific method.

**FACILITIES**
Dental care is provided in the Advanced General Dentistry Clinic (AGDC) which is shared with the General Practice Residents. There are eighteen treatment rooms in the (AGDC). Patients are selected from an overall dental patient pool and once approved by the postdoctoral division director, patients are coordinated and scheduled by our two patient schedulers and clinic manger.
hygiene care is provided by a full-time dental hygienist. All instruments and materials are furnished by the program. A dental assistant is assigned to each resident 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. Four residents share an office equipped with a personal computer and wireless internet access and storage for laboratory cases and personal effects.

PREREQUISITES TO APPLY
Graduate of an ADA accredited dental school, completed program application, citizen or permanent resident of the U.S. or Canada, participant in National Matching Program, GPA, class rank, National Boards Part I, transcripts (college and dental school), 3 letters of recommendation, interview

REQUIREMENTS TO MATRICULATE IF ACCEPTED
Must have passed Parts I and II, National Dental Board Examination. Must have earned a D.M.D./D.D.S. degree.

The AEGD Program participates in the Postdoctoral Application Support Service (PASS) (optional) for application and the National Dental Matching program (mandatory) for selection. An application or other information may be obtained by contacting:

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