



General Practice Residency
Program Brochure

**Erie County Medical Center
Department of Dentistry
General Practice Residency in Dentistry**

The primary goal of the General Dentistry Postgraduate Program is to prepare our graduates for a career in general practice dentistry. This Advanced Education Program in General Dentistry is a 12- month hospital based GPR program that is designed to offer a balanced clinical and didactic curriculum in all aspects of dentistry in a hospital based setting. This program will provide the residents a full range of clinical experiences under the direct supervision of the attending dentists supplemented by didactic training in all dental specialties.

Our mission is to provide each resident with clinical and didactic experiences in all facets of general dentistry including treating patients in a hospital setting. This includes patients with behavioral management needs, emergency medicine, operating room dentistry, and treatment of developmentally and medically compromised patients, trauma management, maxillofacial prosthetics, and exposure to patients with head and neck cancers. The clinical experiences are supported by a structured didactic seminar that encourages critical thinking appropriate to post graduate level education in general dentistry and hospital-based rotations that offer exposure to various aspects of medicine.

The overall curriculum is designed to prepare our graduates to enter into the contemporary practice setting of general dentistry with greater knowledge, skill set, confidence and efficiency above and beyond the training they received in their respective undergraduate dental training programs. Graduates will become more proficient in all aspects of dentistry and equipped to manage medically compromised patients, efficiently assess urgent needs, think critically and perform appropriate treatment.

This GPR program has been planned in accordance with the guidelines for postdoctoral education of the American Dental Association Council on Dental Accreditation. Upon completion of the program, the residents receive a certificate in general dentistry.

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Admissions

Application Deadline- November 15, 2018

Starting Date- June 25, 2018

Application Fee- None

Degree/Certificate Offered- Certificate

Length of Program- 12 months

Enrollment – 11 PGY-1, 2 PGY-2

Admission Criteria- DDS or DMD from an accredited U.S. or Canadian Dental School

Salary Stipend

PGY-1: \$51,130 including a robust benefit package worth \$4,000-\$5,000 annually, at no cost to you.

Percentage of Resident Time

Didactic- 10%

Clinical – 80%

Non- Clinical Rotations- 10%

Past Residents' Experiences

The following represents an approximation of the chair-side procedures an average resident accomplishes in one year.

- Comprehensive oral evaluations: 123
- Endodontic procedures: 29
- SRP by Quad: 24
- Complete denture units completed: 17
- Removable partial denture units completed: 9
- Simple Extractions: 445
- Surgical Extractions: 52
- Direct Restorations: 382
- Fixed units (PFM, FCC, Ceramic): 18
- Periodontal surgical procedures: 5

Additional Experiences

- Oral evaluation and treatment prior to head and neck surgery, chemotherapy, radiation, cardiac surgery, solid organ transplantation.
 - General dental treatment under general anesthesia
 - Special needs dentistry
 - Osseointegrated implant procedures

- Diode laser use
- Maxillofacial prosthetics
- Evaluation and treatment of patients in a long term care facility
- Practice management lecture series
- Pediatric lecture series

Goals and Objectives:

Goal 1: Provide a full range of general dentistry and specialty services for a variety of patients including those with intellectual and developmental disabilities and the medically compromised.

Objectives:

- The resident will provide high quality patient care to those whose medical, physical, social or psychological situations make it necessary to modify normal dental routines in order to provide dental treatment.
- The resident will gain a deeper understanding of general medicine and the relationship between systemic disease state and proposed dental treatment.

Goal 2: Function effectively and efficiently in multiple health care environments within interdisciplinary health care team in a hospital setting.

Objectives:

- The resident will become proficient in operating room protocol.
- The resident will interact with other hospital departments through consultation and through various rotations.
- The resident will understand hospital organization.
- The resident will utilize practice management skills to work as an effective dental team member.

Goal 3: Educate GPR residents with knowledge and skills beyond the pre-doctoral level, enhance evidence-based decision making and to incorporate lifelong learning into professional practice.

Objectives:

- The resident will use advanced knowledge in planning and executing treatment plans.
- The resident will incorporate knowledge of technology based information in patient care.
- The resident will develop critical thinking in treatment planning seminars and literature review that will allow for evidence based clinical decision making in patient care delivery.
- The resident will incorporate ethical decision making into the delivery of oral health services.

Goal 4: Understand the oral health needs of communities and engage in community service.

Objectives:

- The resident will be able to promote the importance of daily oral care and maintenance.
- The resident will participate in community service events such as Give Kids a Smile Day and local Smile Education programs.

Rotations:

- **Anesthesia:** Residents will spend 80 hours in the ECMC operating room with the anesthesia team. Residents will shadow and assist in the preoperative evaluation of patients, venipuncture techniques, monitoring of patients during general anesthesia, intubation and management of patient recovery.
- **Family Medicine:** Residents will spend two weeks (80 hours) in a busy, comprehensive family medicine practice located on the ECMC campus working side by side with physicians, physician assistants, nurses and students. They will learn to obtain medical history and perform physical examinations and make treatment recommendations in a primary care setting. Residents will be assisting the medical team in comprehensive patient evaluation and treatment.
- **Emergency Department (additional experience):** Residents will opt to rotate in the emergency room at ECMC. ECMC is the region's designated Adult Level 1 Trauma Center with dedicated state-of-the-art technology and equipment, including a rooftop helipad offering direct access to the facility. This unique experience allows the resident to anticipate, evaluate, and manage medical emergencies by assisting staff with the care of patients.

On-Call Duty: Residents are placed on rotations of three to four days for floor consultations and pager call for after-hours emergency calls.

Didactics: Residents dedicate four to six hours weekly to lectures, treatment planning seminars and literature review.

Dental Department Sites within ECMC GPR:

- **General Dentistry:** Located on the 1st floor of ECMC main hospital. residents will see patients for both comprehensive care and urgent care needs. Residents spend the majority of their time at this clinical site with assigned rooms and assistants on a monthly rotation.
- **Oral Oncology:** Residents are exposed to oncology patient care for a once a week assigned session. This department is located in the Center for Oncology Care, a state- of-the-art facility adjacent to the main hospital. Residents will work with medically complex patients before, during, and after the diagnosis and treatment of cancer, and other specialized oral and head and neck conditions. They will gain an understanding of the oral complications of cancer therapy and gain confidence in recognizing and treating these complications. Residents will participate in the dental rehabilitation and reconstruction of cancer patients, including dental implants, maxillofacial prosthetics and all aspects of general dentistry.
- **Terrace View:** Terrace View Long Term Care facility consists of nursing home services, short term rehabilitation facilities, a ventilation unit, a behavioral intervention unit, a bariatric unit and a division for patients with Alzheimer's Disease and dementia. The residents in the program will gain experience screening and treating patients in this facility on a rotating basis alongside an attending.

Optional Second Year PGY2:

ECMC offers an optional second year of training where residents will work primarily out of the Oral Oncology Center.

Goal 1: Act as a Primary Health Care Provider to provide multidisciplinary comprehensive dental care to a wide variety of patients by obtaining training above the level of a GPR year 1 resident in the following disciplines:

- Prosthodontics
- Implant Dentistry
- Oncology
- Operating Room/Special Needs Dentistry

Goal 2: The GPR year 2 resident will gain administrative and teaching responsibility by:

- Lecturing to pre doctoral students on Special Needs Dentistry
- Heading the quality improvement project chosen each year

Note: The optional second year is tailored to the resident's individual interests and professional goals. They spend 25% more time on direct patient care than a GPR 1 resident as none of the rotations are repeated.