

a strong, broad-based clinical education, and an in-depth research experience - either clinical or basic. The first year is primarily clinical. Fellows work in multiple outpatient clinics, and also see inpatients on the consultation service. In contrast, the second and third years are primarily research-based, with fellows spending approximately 20% of their time seeing patients, and the remaining 80% performing state-of-the-art research with one of the many talented scientists at the University of Rochester.

Clinical Training

Clinical training in the Division of Endocrinology consists of a broad-based program covering all aspects of Endocrinology. Fellows gain experience by seeing their own cadre of patients, and teaching skills are honed by precepting medical students and residents who rotate through the clinic and inpatient service.

We have an extremely active outpatient clinic, seeing more than 12,000 patients per year. We are a tertiary referral center that sees the entire spectrum of endocrine disorders. We have an active thyroid fine



needle aspiration (FNA) clinic where fellows are instructed in thyroid ultrasound and FNA techniques. Our fellows perform over 40 ultrasound-guided FNAs during their first year – significantly more than most other Fellowship programs.

Our outstanding UR Diabetes Care program consists of both an inpatient and outpatient arm. Our Diabetes education program includes several Certified Diabetes Educators and Nutritionists, all of whom work closely with fellows. We have one of the largest insulin pump programs



in the Northeast, and have extensive experience with continuous glucose monitoring. Fellows receive detailed training in both of these technologies.

In the Multidisciplinary Pituitary Clinic, fellows see patients with a team of physicians and allied health care providers from the Division of Endocrinology and the Department of Neurosurgery. The busy clinic sees patients from all of Western New York and Northern Pennsylvania. The multidisciplinary approach allows for more coordinated and efficient care of patients, and has enriched the training experience

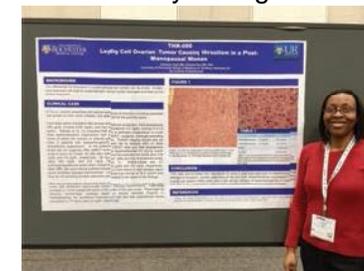
for fellows in both Neurosurgery and Endocrinology.

Fellows also participate in our Metabolic Bone Clinic, where they see the gamut of bone disorders, from osteoporosis to osteogenesis imperfecta. Fellows receive extensive training in interpretation of bone density scans.

Finally, fellows are exposed to all other aspects of endocrinology, including transgender care, neuroendocrinology, endocrine tumor diagnosis and treatment, and much more.

Research Training

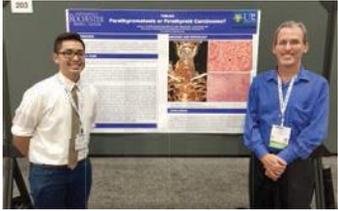
The Division of Endocrinology consists of several NIH-sponsored clinical and basic researchers. In addition, the Division is part of an exciting group of internationally recognized academic



physicians and scientists that make up the University of Rochester Medical

Center. During the first year of training, Endocrine fellows are introduced to the research interests of our Divisional faculty and those of other University of Rochester faculty performing Endocrine-related research. Working with Divisional faculty,

fellows then chose their mentors and spend their 2nd and 3rd years working on important Endocrine research problems. Fellows are expected to complete a significant research project during this time, and are strongly encouraged to publish their results in high impact journals. We support sending the fellows to at least one National Conference per year, where they can present their work



and interact with leaders in their respective fields. Research fellows are

followed closely by the Endocrine faculty to ensure that their research moves forward and that they have opportunities to network with potential employers.

Conferences

Throughout the 3-year program, fellows participate in a myriad of stimulating and informative conferences. One example is our clinical case-based conference, where members of the Division, as well as endocrinologists from the community and physicians from surgery, pathology, and radiology, discuss interesting cases with the fellows. In addition, fellows attend research-focused conferences where faculty from the University of Rochester, as well as academic leaders from all over the world,

present their most cutting-edge findings. Finally, the Division has a teaching conference taught by highly respected University of Rochester academic physicians, which serves as an in-depth survey of the most recent advances in Endocrinology.

Conclusions

In summary, the University of Rochester Endocrinology Fellowship training program offers physicians interested in academic medicine the opportunity to receive a strong, broad-based, and multi-disciplinary education in both clinical and research aspects of Endocrinology. Those interested in learning more should contact:



Barbara Morabito
Fellowship Program Coordinator
Division of Endocrinology and Metabolism
University of Rochester School of
Medicine and Dentistry
601 Elmwood Ave., Box 693
Rochester, NY 14642
Phone: 585-275-2901
barbara_morabito@urmc.rochester.edu



**Fellowship Training
Division of
Endocrinology and Metabolism
University of Rochester
School of Medicine and Dentistry**

**Program Director: Ismat Shafiq,
MBBS**

**Associate Program Director:
Marilyn Augustine, MD**

Introduction

One of the most important missions of an academic institution is to teach and train the next generation of doctors and researchers. While many programs train doctors to take care of endocrinology patients, The Division of Endocrinology at the University of Rochester strives to train the next generation of academic Endocrinologists. Our three-year program consists of two equally important arms: