

Fellowship Program in Endocrinology, Diabetes and Metabolism



University of Missouri
School of Medicine
and
Cosmopolitan
International
Diabetes and
Endocrinology Center

The Fellowship Program in Endocrinology, Diabetes and Metabolism at University Health Care consists of a two to three year training program designed to provide advanced and comprehensive educational opportunities to physicians in the clinical and investigative aspects of the subspecialty. The program has sufficient flexibility to accommodate the wide variety of needs, goals and interests of each trainee. The objective of this program is to produce graduate physicians eligible for certification in Endocrinology, Metabolism and Diabetes by the American Board of Internal Medicine. They will be capable of dealing in depth with the diagnostic and management problems innate to Endocrinology, Diabetes and Metabolism, whether their anticipated future career be in clinical practice or academic medicine.

General Program

The **first year** is organized to provide intensive exposure to clinical patient care of adult and pediatric endocrine and metabolic disorders. This clinical exposure involves both hospitalized and clinic patients. The fellow works closely with the attending faculty and will develop skills in the synthesis, interpretation, and application of clinical and laboratory information.

The **second year** of fellowship is more loosely structured, permitting fellows to spend varying amounts of their time in both clinical and research activities. Fellows interested in the clinical practice of Endocrinology and Diabetes continue to nurture their expertise and skills in predominantly clinically oriented activities. Fellows primarily interested in an academic career may elect to spend as much as 80-90% of their activities in the realm of research (clinical or basic).

A **third year** may be arranged for continuation of research activities.

Clinical Opportunities

Inpatient consultations are seen in all University Health Care affiliated hospitals. A close working relationship is maintained with the Department of Child Health so that fellows become experienced with the endocrine and metabolic problems found in patients in this age group. Fellows play a major role in patient care and also in teaching housestaff and students. Consultative teaching rounds are made daily with the attending faculty, fellows, housestaff and students.

The Division directly supervises the investigation and management of patients requiring inpatient care in an **Inpatient Diabetes and Endocrinology Service**. The Division also provides concurrent care for diabetic patients on other services.

Endocrine-Metabolic and Diabetes **outpatient clinics** are held in both the University Hospital and Clinics and the VA Hospitals. There are specialty clinics in lipid abnormalities, osteoporosis, as well as general Endocrine and Diabetes Clinics. Fellows have an active responsibility for the delivery of continuing outpatient care. Close supervision of the clinics is provided by all attending faculty.

Conferences

Conferences are an important part of the training program.

Pertinent literature is surveyed and discussed at a bi-monthly **Journal Club** attended by faculty, fellows and house staff. An **Endocrine/Diabetes Research Conference** is held monthly.

A weekly multi-disciplinary **Clinical Conference** is conducted during which interesting or problem patients are discussed with active participation by faculty from other departments.

In addition, weekly **Medical Grand Rounds** and monthly **Research Conferences** are conducted by the Department of Medicine.

Research Opportunities

Development of investigative expertise is an integral part of the training program for all fellows. In order to develop critical analytic skills, each fellow actively participates in an extensive research experience. Ongoing investigative protocols of the attending staff are available for fellow participation, or a fellow may initiate his or her own study. Currently, research studies concern lipid metabolism, calcium metabolism and osteoporosis, mineralocorticoids, therapy of diabetes mellitus and the application of computers to clinical care. Extensive laboratory and animal research facilities, and the activities of the College of Veterinary Medicine, Department of Statistics, and other affiliated departments are available to the members of the Division.

Division of Endocrinology, Diabetes and Metabolism

Division Director:

James R. Sowers, M.D., FACE, FACP

Medical Directors:

Stephen A. Brietzke, M.D., FACE

Michael J. Gardner, M.D.

Faculty:

Annyaya Aroor, Ph.D.

Shawn Bender, Ph.D.

Vincent G. DeMarco, Ph.D.

David W. Gardner, M.D., FACE

Javad Habibi, Ph.D.

Melvin R. Hayden, M.D.

Uzma Z. Khan, M.D., FACE

David M. Klachko, M.D., FACP

L. Romaine Kurukulasuriya, M.D., FACE

Guido Lastra, M.D.

Camila Manrique, M.D.

Lakshmi Pulakat, M.D.

Mariana Touza, M.D.

UNIVERSITY HEALTH CARE

The University of Missouri established the first medical college west of the Mississippi River in 1841. It has been located on the Columbia campus since 1872 and assumed its full four year curriculum format in 1955. The Health Care complex also offers educational programs in nursing and six other allied health professions.

It is affiliated with the adjacent 460-bed Truman Veterans Memorial Hospital, 114-bed Mid-Missouri Mental Health Center, the Ellis Fischel Cancer Center, and Columbia Regional Hospital. The University Hospital and Clinics serves as a referral and consultation source for physicians throughout the State of Missouri and adjacent regions, assuring a broad spectrum of patient problems and pathology.

All subspecialties of Internal Medicine are represented as actively organized Divisions in the Department of Internal Medicine. One of the most exciting developments for the Division of Endocrinology, Diabetes and Metabolism has been the joint effort of the University of Missouri and the Cosmopolitan International Club (a private service organization similar to the Lions Club) to build and operate a Diabetes Center. The Center officially opened in January 1984, with a three-fold mission of patient care, education and research.

University Health Care is on the main campus of the University and the resources of a number of supportive facilities (the Nuclear Magnetic Resonance Facility, Nuclear Reactor Center, Computer Center, Agricultural Experimental Station, etc.) are easily accessible.

Part of the UMC campus is a national historic landmark--Francis Quadrangle, the setting for the University's original buildings and the famed iconic columns dating to the 19th century. The city and the campus are intertwined in a rich mixture of academic and civic history and progress that makes Columbia a stimulating place to spend a fellowship or a lifetime.

Application Procedure

It is a prerequisite that applicants have completed three years of accredited training in Internal Medicine or Pediatrics. As the fellowship program is primarily clinical, all fellows must be eligible for licensure in the State of Missouri. For international medical graduates, this will require passing the visa qualifying examination (ECFMG examination or equivalent).

The University of Missouri is an equal employment and educational opportunity institution and complies with the guidelines of the Americans with Disabilities Act of 1990. All reasonable efforts will be made to accommodate special needs. Any one with special needs should notify us at the address below. Applications will be considered solely on the basis of merit. The annual stipend is determined by the background experience of the individual fellow and is not dependent upon National Institutes of Health or other outside agency funding.

Applications are accepted exclusively through the ERAS program. We require the common application form, three (3) letters of recommendation and a personal statement. Additional information can be submitted at your discretion. The program also participates in the National Residency Matching Program (NRMP).

Any questions regarding the Fellowship Training Program in Endocrinology, Diabetes and Metabolism should be directed to:

Division of Endocrinology, Diabetes & Metabolism

1 Hospital Drive, D109

Columbia, Missouri 65212

TEL: (573) 882-2273

FAX: (573) 884-4609

EMAIL:

endofellowshipcoordinator@health.missouri.edu



An equal opportunity employer