**Residency Overview**

**Program Overview**
Our goal is to train residents with the skills required of an internist but more importantly achieve the ability to be expert self-learners as they progress into our ever-changing health system. To this end we have established and emphasized a clear foundation of Core Internal Medicine clinical experiences and curricular content in the form of lectures/case-based discussions, simulation and web-based training. We fully endorse and emphasize the Competencies as described by the ACGME, which are Patient Care, Medical Knowledge, Professionalism, Systems-Based practice, Practice-based learning and Improvement, Interpersonal and Communication skills.

**Core Curriculum**
The foundation of Internal medicine training takes place through a wide range of learning methods. A key ingredient is experiential learning in which every resident rotates through a variety of inpatient and outpatient venues. These include General Medicine Wards, subspecialty wards (Hematology, Oncology, Cardiology, Nephrology) ICU’s (Medical and Cardiac), Emergency Room, Research, Ambulatory and Geriatrics rotation. Regularly scheduled didactics include Emergencies in Medicine lecture series, Morning Report, Core Curriculum noon conferences, Grand Rounds, Resident Update and feedback session, Journal Club including Cardiovascular Disease Forum, Board Review, Hospitalist Grand Rounds, EBM lecture series, Resident Scholarly Activities Program, Jay Weiss Grand Rounds. Intermittent special conferences include workshops on Teaching Residents to Teach, Fellowship application, and career preparation.

Traditional experiential and didactics training methods are supplemented by web-based educational methods, simulation training and innovative one-on-one faculty interaction. A classic example is our recently instituted Procedure service – where each PGY-2 resident goes through simulation training and then is directly supervised for every procedure at the bedside with a faculty member. Each resident also pursues an individualized scholarly project, with projects ranging from review articles or chapters in textbooks, to retrospective reviews, to bench research. Each resident is assigned a mentor - one of the 5 program directors - who will to assess their progress towards competence, review evaluations and target areas for improvement. The mentor will also assist in focusing the resident towards career-oriented personalized training, by referral to specialized mentors and early exploration of various career pathways.
Pathway Development
A firm commitment to structured Core training in Internal Medicine is coupled with flexibility for residents to pursue a wide range of elective training opportunities. During the PGY-1 year resident’s progress is carefully assessed through competency-based advancement by one of the core program directors assigned as a mentor. By dividing our large program into small groups, each closely followed by a program director we assure individualized and personalized follow-up through training. Early exploration of career pathways is encouraged especially during the research month. Wherever possible, residents are paired with additional Research, subspecialty or pathway mentors to help them optimize and enhance training during the PGY-2 and PGY-3 years.

The Key elements of our Pathways are Block Rotations that concentrate experiential learning for residents in their area of interest, working closely with faculty mentors who are experts to help provide on-on-one supervision and guidance. Elective, Inpatient and Outpatient rotations, and research/scholarly activity rotations are carefully adjusted to ensure the residents have 6-8 Blocks during the PGY-2 and PGY-3 year that enhance their career interests. Our pathways include:

- Global Health and Social Medicine pathway (4 years)
- Clinical Scientist pathway
- Hospitalist Medicine (starting June 2008)
- Primary Care pathway
- Women’s Health pathway (starting June 2008)
Jay Weiss Residency Template

Standard PGY 1 Year - Pathway Application & Selection

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PGY-2/3/4 year focusing on Global Health Electives, MPH or equivalent, and Research Project

The Jay Weiss Residency will prepare physicians for leadership in ameliorating health disparities as they affect the poor both here in the United States and abroad. This program consists of an additional year of training. Residents will receive training in public health principles, coupled with real world experiential learning in delivering and directing the delivery of health care in disadvantaged settings. (www.jayweisscenter.org)

Other Medicine Pathways – (scheduled to begin June 2008)

After standard PGY-1 year, customized pathway - 6 to 8 Block Rotations and Expert Mentors

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Hospital Medicine
Hospitalist Medicine – which has as its primary focus the care of hospitalized patients, is a rapidly growing field with a unique body of knowledge and expertise. Hospitalist faculty have been a consistent part of our training program for over a decade, and 15% of our 2007 graduates pursued careers in this field. The Department of Medicine started a Division of Hospitalist Medicine in October 2007, headed by Amir Jaffer MD from Cleveland Clinic, Ohio. One focus of the division will be to develop and mentor a Hospitalist pathway in the training program, with 6-8 rotations focusing on:

- Block rotations in Medical Consultation and Perioperative Care
- Block rotations with the academic Hospitalist Ward Service
- Acquiring expertise in Palliative Care and Pain management
- Focused experiences in Neurology, Geriatrics and Psychiatry
- Research and Scholarly projects focusing on Quality of care measures and patient safety Hospital systems management and Expertise in billing and coding
- Procedural Competency

Primary Care/Women’s health
The block month is a major distinguishing characteristic of the Primary Care Track. Block months are rotations devoted to ambulatory training, allowing concentrated focus in this field without in-patient responsibilities. One block month is provided during the R-1 year and two to three during each of the PGY-2 and PGY-3 years. For a typical block month, approximately 30% of the time is devoted to the continuity practice of general Internal Medicine. The remainder of the time is devoted to areas such as geriatrics, office gynecology, otolaryngology, ophthalmology, dermatology, sexually transmitted diseases, sports medicine, and subspecialty internal medicine clinics. The specialty clinics are selected on an individual basis.

One of the key differences of the Primary Care Track, offered in the Women's Health Track, is a GYN continuity clinic scheduled every other week, alternating with the typical residents' Primary Care Clinic. Approximately 30-50% of the ambulatory block rotation may be spent in women's health areas, including specialty clinics: gynecology, high risk OB, HIV, breast, osteoporosis, continence, STDs, endocrine, cosmetic surgery, and eating disorders. Special emphasis will be placed on encouraging scholarly activity on Women’s health issues and disparities, using the Institute for Women’s health as a valuable resource, with faculty mentors Erin Marcus and Yvonne Diaz.

http://womenshealth.med.miami.edu/index.asp

PHYSICIAN- SCIENTIST Pathway/ Research
The Department of Internal Medicine is highly committed to the development of academic physicians and physician-scientists. This program is offered as an option for qualified candidates to receive training in the Internal Medicine for two years, followed by clinical and research training in a subspecialty fellowship program. The Department enthusiastically supports the career development of basic, clinical, and translational researchers.
Our Fellowship programs participating in this program include…….

APPLYING TO THE PROGRAM

Candidates for the Physician-Scientist Program are those who are completing their medical school experiences with an M.D. and an additional advanced degree (such as Ph.D., M.P.H., M.S.).

Interested applicants should apply to the Jackson Memorial Medical Center – University of Miami Internal Medicine Residency Program through the Electronic Residency Application Service (ERAS). After your ERAS application has been reviewed, the Residency Program will contact those qualified individuals. Applicants will be asked to provide supplementary information and will be invited for an interview on a specific interview date, focusing on the Physician-Scientist pathway.

As with all applicants to our program, you will be able to interact with current faculty and residents from the core Internal Medicine Program. Additionally, applicants will have the opportunity to meet division chiefs, fellowship directors, and/or current fellows in subspecialties of interest.

After the interview process, the Residency Program will maintain communication with each applicant to provide additional information and to answer questions.

ACCEPTANCE TO THE PROGRAM

The Internal Medicine Residency Program fully supports the Match process, and will offer positions to physician-scientist pathway only through the Match. Applicants should apply to the categorical program in Internal Medicine. There is no separate ERAS program number for the physician-scientist track.

Acceptance into the Residency Program assures physician-scientist applicants of a position in the fellowship of choice for the PGY-3 year.

CLINICAL AND RESEARCH TRAINING

We are committed to the policies and procedures of the American Board of Internal Medicine's Research Pathway, assuring that individuals will be eligible for board certification in Internal Medicine and in a subspecialty during the training program.

For the PGY-1 and PGY-2 years, individuals participate fully in the categorical internal medicine program. Because of the shortened period of time spent in the core program, rotation scheduling will be individualized to assure appropriate training before entering the fellowship program.

The two years of clinical experience as a resident is coupled with one or more years of clinical experience as a fellow, and two to three years of research training. During the
years of research training, a weekly outpatient continuity clinic in the fellow's chosen subspecialty is required.

The advantage of this pathway is earlier entry into research opportunities in your chosen subspecialty. Total number of years of training is approximately equal to a conventional residency plus fellowship training pathway.

The duration of the program will be 6-7 years, depending on the individual's choice of subspecialty training program. Individuals are eligible for Internal Medicine Board Certification in August of the PGY-4 year, and for Subspecialty Board Certification in November of the PGY-6 or PGY-7 year.

During the final year of the program, faculty appointment is anticipated, based on satisfactory clinical and research progress.

Significant financial support is available in the form of deferred income, which will be applied at the satisfactory completion of training towards student loan repayment.

**RESEARCH ENVIRONMENT**

The Department of Internal Medicine provides a vibrant, and rapidly expanding environment for basic, clinical, and translational research. With the arrival of our new chair of medicine Dr. Marc Lippman, the department is exponentially growing its expertise in multiple fields and is poised to moved to the very forefront of medical science.

For additional information about divisional research activities, please review their individual websites at http://www.med.miami.edu/depts.asp.

**FOR MORE INFORMATION**

Individuals interested in the Physician-Scientist Program should contact Stephen Symes MD, Program Director, for additional information.