Annual Report on Resident Physician Education
Academic Year 2010 – 2011

To:
- HealthPartners Institute for Medical Education Board of Directors
- Regions Hospital Board of Directors
- Regions Hospital Medical Executive Committee

This report is prepared and presented in compliance with the ACGME institutional requirement:

“The DIO and/or the Chair of the GMEC must present an annual report to the Organized Medical Staff(s) (OMS) and the governing body(s) of the Sponsoring Institution. This report must also be given to the OMS and governing body of major participating sites that do not sponsor GME programs. This annual report will review the activities of the GMEC during the past year with attention to, at a minimum, resident supervision, resident responsibilities, resident evaluation, compliance with duty-hour standards, and resident participation in patient safety and quality of care education.”

IME Overview

HealthPartners Institute for Medical Education (IME) is a nationally accredited, non-profit organization providing medical education for health professionals and students: locally, regionally, and nationally. IME develops and produces clinical education that measurably improves care. It develops, organizes, directs and evaluates educational activities for nursing, allied health, medical student, resident and physician education, including the provision of specialized expertise in simulation, continuing medical education, and medical library services. Over 17,000 learners every year participate in IME educational activities. Five hundred and thirty one (531) resident physicians and 743 students participated in clinical rotations at Regions Hospital and HealthPartners Medical Group (HPMG) clinics.
Residency Education

The HealthPartners Institute for Medical Education (IME) sponsors residency programs accredited by the Accreditation Council for Graduate Medical Education (ACGME) in the following specialty areas: Emergency Medicine, Emergency Medicine/Pediatrics, Medical Toxicology, Occupational Medicine, and Hand Surgery. In cooperation with Hennepin County Medical Center (HCMC), IME jointly sponsors an ACGME accredited residency program in Psychiatry. IME also sponsors a Foot and Ankle Surgery residency program nationally accredited by the Council on Podiatric Medical Education.

In addition, IME sponsors non-ACGME residency and fellowships including: Hospital Medicine, Pharmacy, Managed Care Pharmacy, and PA/Nurse Practitioner training in Psychiatry.

Regions Hospital and HealthPartners Medical Group Clinics are sites for resident physician experiences, under a master affiliation agreement with the University of Minnesota School of Medicine, in:

- Anesthesiology
- Dermatology
- Family Medicine
- Gastroenterology
- Geriatric Medicine
- Hematology and Oncology
- Infectious Disease
- Internal Medicine
- Internal Medicine/Pediatrics
- Neurological Surgery
- Neurology
- Obstetrics and Gynecology
- Ophthalmology
- Orthopaedic Surgery
- Otolaryngology
- Pediatrics
- Pediatric Gastroenterology
- Physical Medicine and Rehabilitation
- Plastic Surgery
- Pulmonary Disease and Critical Care Medicine
- Radiology – Diagnostic
- Radiology – Surgery
- Radiology – Plastic
- Radiology – Surgical Critical Care
- Rheumatology
- Surgery
- Surgical Critical Care
At any given time, there are approximately 145 resident physicians and 45 students training at Regions Hospital and HPMG clinic sites. These trainees are learning from recognized faculty members and the residents are providing patient care under faculty supervision.

The administration for the IME programs is provided by the Center for Undergraduate and Graduate Clinical Education; Eugenia Canaan, Director. This Center provides administrative support for all the medical student and resident activities within HealthPartners.

The Center is responsible for the establishment and maintenance of affiliation agreements, accounting for resident activities for ACGME duty hours reporting and Medicare compliance.

The Center oversees new resident orientation, fiscal management of resident educational funds, development and implementation of policies affecting residents, liaising with other departments including Medical Staff Services, Best Care Best Experience and Regions Hospital Quality Improvement.

The Center provides staff support for the Graduate Medical Education Committee (GMEC) which meets on a monthly basis.

**Major Initiatives during the academic year 2010-2011**

- An IME Board Retreat in September 2010 on Mission, Vision and Goals resulted in a 2011-2014 Strategic Plan that was approved by the IME Board in November, 2010.

- In October, 2010, a special meeting of the GMEC was held to discuss quality initiatives in an effort to move toward a quality curriculum for our residencies and fellowships.

- The DIO (Carl Patow, MD) and the GME Performance Improvement Manager (Marcella de la Torre, MA) co-authored an article “Residents and Quality Improvement” published in the November 2010 issue of Minnesota Physician.

- Clinical Simulation played a major role in multidisciplinary training at Regions Hospital. 88% of residents participating in Mock Codes rated the experience “extremely” or “very” valuable (n = 39). Comment from one participant: “The more practice, the greater the comfort level. It helps to work within the physical setting of a real code as well as with code team members.”

- At the request of the Emergency Medicine Residents, they were included in a HealthPartners Physician Shadowing initiative to improve communication with our patients. Voluntary participation by residents in this program is now ongoing.

- In February, 2011, the DIO presented the topic of “Future of Medical Education Funding” to a group of legislators and staffers at the Minnesota Legislature.

- The DIO (Carl Patow, MD) was selected as one of the recipients of the ACGME Parker J. Palmer “Courage to Lead” Award. This award acknowledges the leadership and commitment of leaders who foster an excellent educational environment for resident education. Dr. Patow was honored at a special awards luncheon and ceremony hosted by the ACGME on March 4, 2011 in Nashville, Tennessee.
The May 2011 Annual Core Competencies Conference focused on the **Communities that we Serve**. Discussion included a diverse panel of providers including: an African American Director of Homeless Programs, a Hmong Community Health Worker, a Latina Behavioral Health Psychologist, a Native American Physical Therapist, a Pakistani Coordinator of Cultural Wellness Center, and a Somali Interpreter Supervisor. Faculty and resident participants were driven by chartered buses for a facilitated tour of the communities served by Regions Hospital winding up in the Hmong Market where participants broke into small groups with specific assignments. Upon returning to the conference venue, all in attendance were engaged in a discussion facilitated by a medical anthropologist and the conference culminated in a performance of the play “Home Room”, presented by zAmya Theater, a Project of St. Stephens Human Services on the Homeless.

Faculty, residents and GME administrative staff continued participation in Phase II of the Alliance of Independent Academic Medical Centers (AIAMC) National Initiative to improve patient care through resident engagement in quality improvement initiatives. This culminated in two poster presentations by residents as follows:

1. Alliance of Independent Academic Medical Centers (AIAMC) Annual Meeting, March 23-26, 2011, St. Petersburg, Florida “Medication Administration Timeliness in Emergency Department Patients Admitted to Inpatient Behavioral Floors”

In April 2011, several of the GME administrative staff including the Director (Eugenia Canaan, MALS) participated in the planning, implementation and as faculty at the first annual community-wide GME Coordinator Conference sponsored by the Metro Minnesota Council for Graduate Medical Education.

In July, 2011 ACGME sponsorship of the Pediatrics Emergency Medicine (PEM) Fellowship was transferred from the University of Minnesota to the IME. The PEM fellowship was last site visited in September 2010 and awarded continued accreditation through September 2013. Regions Hospital has served as a rotation site for the fellowship since 1995.

**The Graduate Medical Education Committee (GMEC)**

The Graduate Medical Education Committee (GMEC) meets monthly and is the principal forum for discussion of residency issues. Membership includes representatives from every residency program, the University of Minnesota Dean of Medical Education and the Regions Hospital Vice President for Medical Affairs.

The GMEC addresses many issues related to the residency programs including policies related to stipends, duty hours monitoring, resident supervision, communication with medical staff, program changes, curriculum and evaluation, resident status, oversight of program accreditation, management of institutional accreditation, and vendor interactions.

The IME residency programs were reviewed by the ACGME Institutional Review Committee (IRC) that site visited at Regions Hospital on March 16, 2010. IRC awarded IME continued accreditation with the next survey due in October 2014.
Topics discussed at the GMEC over the past academic year are arranged below under headings mandated by the ACGME.

**Resident supervision**

The philosophy of HealthPartners is that residents are primarily at our facilities to learn, and that service contributions are an integral and necessary part of learning, but not the driver for having residency programs. This philosophy has been reiterated many times at GMEC meetings and at 1:1 meetings between the DIO and the Residency Program Directors.

Resident duties and supervision are clearly delineated in our Resident Scope of Practice Manual which is updated annually and published on our website [http://www.healthpartners.com/ucm/groups/public/@hp/@public/@ime/@content/documents/documents/cntrb_010989.pdf](http://www.healthpartners.com/ucm/groups/public/@hp/@public/@ime/@content/documents/documents/cntrb_010989.pdf)

**Resident responsibilities**

Residents are scheduled for all required residency-related activities. Resident Research continues to receive IRB approval. There is an online resource which contains examples of how research projects should be done.

Residents participate in patient care, and are, in part, responsible for the patient experience of care in our facilities. Resident patient care activities are always supervised by faculty.

**Resident evaluation**

Residents receive written evaluations after completing rotations on any of the Regions Hospital services. They are evaluated on their knowledge base and communication skills, ability to perform procedural skills as appropriate for their level of training and professional attitudes. Residents are responsible for keeping track of all procedures performed. Annual oral examinations, the national in-service examination, and case presentations at conference are also used to evaluate residents.

Multiple GMEC meetings included special presentations on the ACGME requirements for benchmarking and data measurement as a means of assessing resident education. Discussion included the use of 360 evaluations which have now been implemented by most of the residency programs.

**Compliance with duty-hour standards**

The GME manager continues to provide quarterly printouts to the Residency Program Directors of their respective residents’ duty hours. During the reporting period, two of our programs (Emergency Medicine and Occupational Medicine) completed the ACGME Resident Survey. No areas of non-compliance have been identified this past academic year.

The DIO has held private meetings with residents of both the Emergency Medicine and the Occupational Medicine programs in the absence of faculty to review the ACGME standards and to provide the residents with an opportunity to discuss their work and duty hours. These meetings have been well received by residents and faculty alike.
**Resident participation in patient safety and quality of care education**

Residents from Regions Hospital (Emergency Medicine, Occupational Medicine and Psychiatry) continue to participate in several major programs to improve the quality and safety of patient care at Regions Hospital.

Our Internal Medicine Chief resident has also taken a leading role in the Twin Cities Resident Council; an organization of resident physicians in the Minneapolis St Paul metropolis, whose aim is to improve the quality and safety of patient care. The council is composed of residents from all teaching hospitals in the Twin Cities including the University of Minnesota, Hennepin County Medical Center, Abbott Northwestern Hospital, HealthPartners Regions Hospital and the Veterans Administration. The concept of a Resident Council has the backing of the Metro Minnesota Council on Graduate Medical Education and the University of Minnesota Medical School. Meeting minutes and current projects may be viewed on the Council’s website: [http://www.residentcouncil.net/](http://www.residentcouncil.net/)

HealthPartners Clinical Simulation programs continue to be used to improve resident skills and confidence with clinical procedures, including central line placement and “codes.”

**Medical Library**

The Medical Library offers a variety of services including literature searches, interlibrary loans, group or individual database instruction and library orientation.

Library services are available to all Regions Hospital and HealthPartners physicians, residents, students, nurses, allied health professionals, researchers and administrators.

Access to the library's resources is available through the HealthPartners/Regions Hospital computer network only.
### HealthPartners Institute for Medical Education
#### GME Dashboard

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<th>Items/Department</th>
<th>Emergency Medicine</th>
<th>Medical Toxicology</th>
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<td>Felix Ankel, MD</td>
<td>Andrew Topliff, MD</td>
<td>Jon O'Neal, MD, MPH</td>
<td>Loree Kalliainen, MD</td>
<td>Christine Stanson, MD</td>
<td>Troy Boffeli, DPM</td>
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<td>Associate Program Director</td>
<td>Rachel Dahms, MD</td>
<td>Carson Harris, MD</td>
<td>NA</td>
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<td>Diane Dahl, MD, Nick Rogers, MD, Amitabh Tipnis, MD</td>
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<td>Medical Student Clerkship Director</td>
<td>Cullen Hegarty, MD</td>
<td>Carson Harris, MD</td>
<td>Robert Gorman, MD, MPH</td>
<td>NA</td>
<td>Scott Oakman, MD</td>
<td>Ryan Pfannenstein, DPM</td>
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<td>Research Director</td>
<td>Bradley Gordon, MD</td>
<td>Joel Holger, MD</td>
<td>Jeff Mandel, MD, MPH</td>
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*Includes Medical, PharmD, and PA students/year

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**Respectfully submitted:**

Carl A. Patow, MD, MPH, MBA, FACS  
Executive Director  
HealthPartners Institute for Medical Education  
Associate Dean for Faculty Affairs at HealthPartners  
University of Minnesota School of Medicine