

GRADUATE MEDICAL EDUCATION

**DEBORAH E. POWELL, M.D.
DEAN OF THE MEDICAL SCHOOL
ASSISTANT VICE PRESIDENT FOR CLINICAL
SCIENCES
McKNIGHT PRESIDENTIAL LEADERSHIP CHAIR
UNIVERSITY OF MINNESOTA**

APRIL 4, 2007

A SHARED PROBLEM FOR HOSPITALS & MEDICAL SCHOOL SPONSORS

- **IN TRAINING RESIDENTS AND FELLOWS,
MUCH IS TAKEN FOR GRANTED**
- **CURRENTLY, STRESS IN THE SYSTEM**
- **SOME ASPECTS OF GRADUATE MEDICAL
EDUCATION MAY NOT BE WELL
UNDERSTOOD**

CHANGING FACE OF GRADUATE MEDICAL EDUCATION (GME)

- **TRAINING/EDUCATION FOR PHYSICIANS AFTER MEDICAL SCHOOL AND BEFORE SPECIALTY CERTIFICATION**
- **MOST RECOGNIZED PROGRAMS ARE GOVERNED BY ACCREDITATION COUNCIL FOR GRADUATE MEDICAL EDUCATION (ACGME)**
- **INCREASING REGULATIONS**
- **THREATS TO FUNDING**

ACGME

- **SETS STANDARD AND RULES FOR 8,255 GME PROGRAMS (for 2006-2007)**
- **GOVERNED BY BOARD OF TRUSTEES - 26 MEMBERS**
- **SOME MEMBERS NOMINATED BY FIVE MEMBER ORGANIZATIONS (AAMC, AMA, AHC, ABMS, CMSS) - OTHERS AT-LARGE OR SPECIAL CATEGORIES (RESIDENT, CHAIR OF RC COUNCIL)**

FUNDING FOR GME IS COMPLEX

- ***HOSPITALS* PAY MOST RESIDENTS AND FELLOWS STIPENDS AND INSURANCE, BASED ON NUMBER OF YEARS IN TRAINING.**
- **2006-2007 UNIVERSITY OF MINNESOTA YEAR 1 RESIDENT = \$41,761**
- ***CLINICAL DEPARTMENTS* WHO RUN PROGRAMS OFFER VARYING BENEFITS TO RESIDENTS NOT PAID BY HOSPITAL (MEALS, PARKING, UNIFORMS, PROFESSIONAL MEETING TRAVEL, ETC.)**

SOURCES FOR GME FUNDING

- **HOSPITALS' PRIMARY SOURCE IS MEDICARE PAYMENTS**
 - **DME – DIRECT MEDICAL EDUCATION PAYMENTS FOR RESIDENT STIPENDS, DIRECT TEACHING COSTS BASED ON FORMULA INCLUDING HOSPITALS PERCENTAGE OF MEDICARE PATIENTS**
 - **IME – INDIRECT MEDICAL EDUCATION PAYMENTS INTENDED TO COVER OTHER COSTS OF GME, BASED ON RESIDENT TO BED RATIO**
 - **DSH – PAYMENTS TO HELP TEACHING HOSPITALS WITH CARE PROVIDED TO UNINSURED**

OTHER SOURCES OF HOSPITALS' GME FUNDING

- **MEDICAID – PAYMENTS THROUGH STATE FOR RESIDENT CARE OF MEDICAID PATIENTS**
- **MINNESOTA MERC (MEDICAL EDUCATION AND RESEARCH COSTS) FUNDS**
- **VETERANS ADMINISTRATION – PAYS STIPENDS FOR RESIDENTS ROTATING THROUGH VAMC**
- **OTHER SOURCES (CLINICAL PRACTICE INCOME THROUGH DEPARTMENTS)**

GME FUNDING LIMITED BY CAPS

- **HOSPITALS HAVE A CAP ON NUMBER OF SLOTS AND ON FUNDING, BASED ON 1996 RESIDENT NUMBER**
- **TO INNOVATE, TO ADD SPECIALTY TRAINING IN EMERGING AREAS SUCH AS VASCULAR NEUROLOGY OR PALLIATIVE CARE, HAVE TO INVEST OTHER FUNDS ABOVE THE CAP**

GME AT THE UNIVERSITY OF MINNESOTA

- **25 ACGME-APPROVED RESIDENCY PROGRAMS (1 PENDING APPROVAL)**
- **42 ACGME-APPROVED FELLOWSHIP PROGRAMS (2 PENDING APPROVAL)**
- **31 NON-ACGME-APPROVED RESIDENCY AND FELLOWSHIP PROGRAMS (3 PENDING APPROVAL)**
- **> 900 TOTAL RESIDENTS AND FELLOWS IN THE 2006-2007 PROGRAMS**
- **PRIMARY TRAINING SITES ARE UMMC, HCMC, REGIONS, VAMC, CHILDREN'S HOSPITALS AND CLINICS, ABBOTT – LARGE NUMBER OF OTHER SITES**

OTHER COSTS OF GME FOR UNIVERSITY

- **ADMINISTRATION OF PROGRAMS – UNIVERSITY OF MINNESOTA IS OFFICIAL SPONSOR OF ALL ACGME PROGRAMS AT UMMC**
- **INSTITUTIONAL ACCREDITATION
LAST REVIEW IN 2004
FULL ACCREDITATION FOR FIVE YEARS**
- **DIO IS ASSOCIATE DEAN FOR GME
RESPONSIBLE FOR ALL U of M GME PROGRAMS
ORGANIZES AND RUNS MANDATED GMEC
RUNS UMN OFFICE OF GME - 10 EMPLOYEES**
- **TOTAL ANNUAL COST OF GME OFFICE TO MEDICAL SCHOOL IS \$743,000**

DEPARTMENTAL COSTS OF GME

- **INDIVIDUAL RESIDENCY AND FELLOWSHIP PROGRAMS RUN BY CLINICAL DEPARTMENTS OF MEDICAL SCHOOL**
- **EACH RESIDENCY/FELLOWSHIP PROGRAM IS APPROVED AND PERIODICALLY SITE-VISITED AND RE-ACCREDITED BY ACGME RCS**
- **STRICT REQUIREMENTS INCLUDE DESCRIPTION OF PROGRAM (PIF) WITH MANDATED COMPONENTS OF TRAINING SITES, NUMBERS OF PATIENTS AND PROCEDURES, TEACHING AND EVALUATION, WORK HOURS, QUALITY AND NUMBER OF FACULTY, ETC.**

EXAMPLE

DEPARTMENT OF MEDICINE

- **TWO RESIDENCY PROGRAMS – MEDICINE AND MEDICINE/PEDIATRICS**
- **12 FELLOWSHIP PROGRAMS – CARDIOLOGY, GASTROENTEROLOGY, ENDOCRINOLOGY, NEPHROLOGY, RHEUMATOLOGY, ETC.**
- **131 TOTAL NUMBER OF RESIDENTS 2006/2007**
- **106 TOTAL NUMBER OF FELLOWS 2006/2007**
- **REQUIRES PROGRAM DIRECTORS FOR EACH RESIDENCY AND FELLOWSHIP PROGRAM, COORDINATORS, ETC**
- **BENEFITS FOR RESIDENTS SUPPLIED BY DEPARTMENT, BENCHMARKED TO NATIONAL STANDARDS**
- **TOTAL COST (DOES NOT INCLUDE ANY COSTS OF FACULTY TIME FOR TEACHING) - \$893,996**

TOTAL ADMINISTRATIVE COSTS OF GME PROGRAMS

Medical School	\$ 743,000
Clinical Departments	\$ 7,023,512
Total	\$ 7,776,512

2006 GME RESULTS

- **STAYING IN MINNESOTA TO PRACTICE – 62 PERCENT**
- **GOING INTO ACADEMIC MEDICINE – 21 PERCENT**