

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Annual Report on the Statewide Family Practice Training Program
Date: March 12, 2001

Recommended Action:

Receive the report on the Statewide Family Practice Training Program.

Executive Summary:

Since its inception in 1973, the Statewide Family Practice Training Program has provided opportunities for newly graduated physicians to continue their training through community-based residencies in family practice. Each of the nine training sites in seven Iowa communities consists of a model family practice office in which the residents train under the supervision of clinical instructors who already practice in the community.

As part of these community-based residencies, resident physicians perform clinical activities in a variety of communities across Iowa. These clinical opportunities enable many residents to experience life in other communities, some of which are seeking physicians. During the past 24 years, three out of every five graduates of the program have established their first practices in Iowa communities. Forty-five percent of the graduates who selected Iowa sites have chosen communities with populations under 10,000. One-fourth of the graduates have located in the metropolitan areas where the training programs are based.

During Fiscal Year 2000, the state appropriation of \$2,386,901 was 6.8% of the \$35,108,340 revenue used to support the program. The primary sources of income are from patient fees and support provided by the hospitals sponsoring each of the program sites. Actual expenses for the program in Fiscal Year 2000 totaled \$35,405,479, of which 53% was for overhead and general expenses to operate the model clinics, 27% went to pay the faculty, and 20% went to pay the residents.

This report addresses the following strategies and action steps in the Board's Strategic Plan:

Strategy 1.1.4.0 Strengthen research, creative work, and service by the Regent institutions.

Action Step 1.1.4.3 Each institution increase its service to lowans, the nation, and the world.

Strategy 2.2.2.0 Recognize the need of all lowans for access to services provided by Regent institutions including health care services, extension, and services provided by the special schools.

Action Step 2.2.2.7 Encourage development of strategic alliances to increase access to services as measured by annual reports of individuals served.

Two new features of the report are enrollment by race/ethnicity of the residents and enrollment by attendance at Iowa medical schools or non-Iowa medical schools by the residents.

Background:

In 1973, Iowa Code §148D.2 established a statewide medical education system for the purpose of training resident physicians in family practice. The dean of the College of Medicine at the University of Iowa was assigned responsibility for implementing the development and expansion of residency programs in cooperation with the medical profession, hospitals, and clinics located throughout the state. In addition to oversight, the University of Iowa provides educational and technical support to the individual sites that are affiliated with the University of Iowa.

Analysis:

The program operates in 13 hospitals located at nine sites in seven cities within the state, as shown on the following page and on page 5. Each site provides a model medical office which serves as the base for training activities. During Fiscal Year 2000, College of Medicine faculty conducted more than 150 teaching visits to these sites to supplement instruction provided by full-time residency faculty and volunteer community physicians. Family practice residents conducted approximately 220,000 patient visits during Fiscal Year 2000.

**Cities, Sites, and Participating Hospitals
in the Statewide Family Practice Residency Program**

CITY	SPONSOR
Cedar Rapids	✓ Mercy Medical Center
	✓ St. Luke's Hospital
Davenport	✓ Genesis Medical Center
Des Moines	✓ Broadlawns Medical Center
	✓ Iowa Lutheran Hospital
	✓ Metropolitan Medical Center
Iowa City	✓ University of Iowa Hospitals and Clinics
	✓ Mercy Iowa City
Mason City	✓ Mercy Medical Center – North Iowa
Sioux City	✓ Mercy Medical Center – Sioux City
	✓ St. Luke's Regional Medical Center
Waterloo	✓ Allen Memorial Center
	✓ Covenant Medical Center

During the current year (FY01), there are 156 residents in the Family Practice Program. This represents a decrease of 15 residents (-8.8%) from the prior year. The decrease in enrollment has been attributed to the following reasons: (1) The trend toward family practice residencies, which began a number of years ago, has shifted across the country toward residencies in more specialized areas of medicine. While that shift has occurred more slowly in Iowa than in other states, enrollment management by the College of Medicine may result in further reductions; (2) Four programs lost six residents prior to graduation; and (3) Financial uncertainties at one of the sponsoring hospitals (Metropolitan Medical Center) contributed to a reduction in trainee enrollment at that site.

Some characteristics about participants in the program include:

- * Sixty-six (42.3%) of the residents are female. There was a decrease of 12 women residents from last year; this represents a decrease of 15.4%.
- * Ninety (57.7%) of the residents are male.
- * One hundred and five (67.3%) of the residents possess medical doctorates (M.D.) from U.S. medical schools and forty-two (26.9%) of the residents possess doctor of osteopathic medicine degrees (D.O.). The number of osteopathic residents decreased slightly from last year. Nine of the residents (5.8%) are graduates from foreign medical schools.
- * Ninety-two of the residents (59.0%) are graduates of Iowa medical schools; sixty-four of the residents (41.0%) are from non-Iowa medical schools.

- * Seventeen residents (10.9%) are members of racial or ethnic minority groups: two (11.8%) are African-American; 11 (64.7%) are Asian-American; three (17.6%) are Hispanic-American; and one (5.9%) is Native American.

In 1994-95, there were six applicants for each first-year position in Iowa. In 2000-2001, there were nine applicants for each first-year position. Residents enrolled in the program represent 35 medical schools from across the nation. Their training in an Iowa residency program substantially increases the likelihood that the non-Iowa medical graduates will choose to practice in Iowa.

Seventy-five percent of the 2000 residency graduates of this program established their first practices in Iowa. Currently, 653 graduates of the family practice residency program practice in Iowa. Of that number, 161 (24.7%) graduated from Iowa medical schools and 492 (75.3%) graduated from non-Iowa medical schools.

Forty-five percent of the graduates of the program have established practices in cities with populations under 10,000 people. In 2001, 51 residents will complete their training and look for sites in which to establish their practices.

The total program support for 1999-2000 was \$35,108,340.

- * The state appropriation to assist the program was \$2,386,901, which represents 6.8% of the revenue. Of that amount, \$1,909,521 was for individual training grants in the program. The remaining \$477,380 provided educational support and administrative services
- * The model offices generated 44% of the funding for the residency program while the community hospitals contributed 48%.

Total expenses in 1999-2000 were \$35,405,479. Fifty-three percent of the cost of the program was to support the overhead and other general expenses associated with the program. Twenty percent of the cost was to pay the residents and 27% of the cost was to pay the faculty physicians who work with the residents.

The annual report is included with this memo as an attachment, beginning on page 5. The distribution of family practice graduates practicing in Iowa is shown on page 6.


Diana Gonzalez

Approved: 
Frank J. Stork

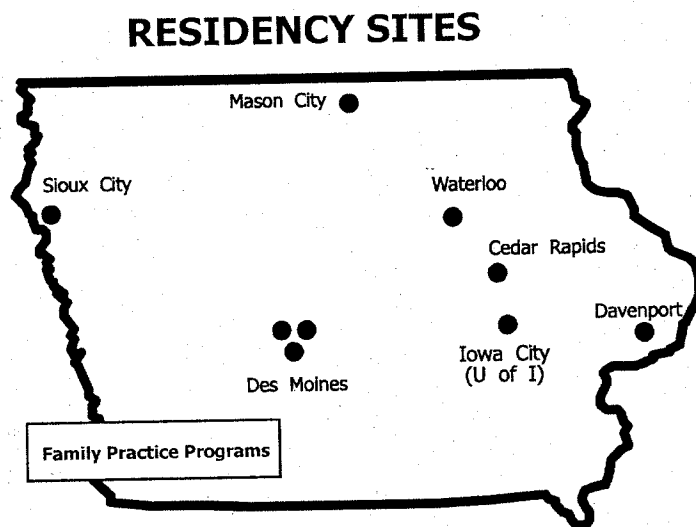
ANNUAL REPORT January 2001 STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

Legislation enabling a statewide network of community-based family practice training programs was enacted by the legislature in 1973. The Code of Iowa assigns to the Dean of the College of Medicine the responsibility of administering the statewide program, and it asks the College to provide educational and technical support to the residency programs that are formally affiliated with The University of Iowa.

PROGRAMS

The statewide program comprises nine family practice residencies in seven Iowa communities: Cedar Rapids, Davenport, Des Moines (3), Iowa City, Mason City, Sioux City, and Waterloo. (See Figure 1).

Figure 1.



ENROLLMENT

The current enrollment across the three years of residency is 157. Fifty-one residents will complete their final year of training in 2001.

STUDENT INTEREST

Approximately nine U.S. medical student applications are submitted for each first-year position offered in the statewide program. The residents enrolled in the nine programs represent thirty-five medical colleges. During the past five years, 27% of UI medical graduates have entered family practice residencies, which is twice the national average for USMDs during the same period. Student interest in family practice as a career choice has declined across all US medical schools in recent years.

PATIENT CARE

The number of Iowans receiving family medical care at the offices of the family practice training programs has increased significantly over the life of the statewide program. The total number of patient visits at the family practice centers was approximately 220,000 in 1999-00.

STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

— Hospital Sponsors —

Program Sites

Cedar Rapids

Davenport

Des Moines (3 programs)

Iowa City

Mason City

Sioux City

Waterloo

Hospital Sponsors

Mercy Medical Center
St. Luke's Hospital

Genesis Medical Center

Broadlawns Medical Center
Iowa Lutheran Hospital
Metropolitan Medical Center

University of Iowa Hospitals and Clinics
Mercy Iowa City

Mercy Medical Center – North Iowa

Mercy Medical Center – Sioux City
St. Luke's Regional Medical Center

Allen Memorial Hospital
Covenant Medical Center

RESIDENT SUMMARY

Iowa Family Practice Residency Programs 2000-2001

Program	No. of Residents			Female / Male		Medical School		
	<u>R1</u>	<u>R2</u>	<u>R3</u> <u>Total</u>	<u>F</u>	<u>M</u>	<u>USMD</u>	<u>DO</u>	<u>USIMG</u> <u>IMG</u>
Broadlawns	8	9	8 25	8	17	5	19	0 1
Cedar Rapids	5	5	7 17	6	11	13	3	1 0
Davenport	6	6	6 18	11	7	18	0	0 0
Iowa Lutheran (DM)	8	8	7 23	8	15	13	10	0 0
Mason City	6	6	6 18	7	11	14	4	0 0
Sioux City	6	6	4 16	8	8	16	0	0 0
Waterloo	6	6	5 17	6	11	11	4	0 2
University of Iowa	6	7	7 20	12	8	15	0	0 5
Metropolitan (DM)*	—	1	1 2	0	2	0	2	0 0
Total	51	54	51 156	66	90	105	42	1 8
				(42%) (58%)		(67%) (27%) (1%) (5%)		

*Formerly Des Moines General

STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

Source of Residents: IA vs. Non-Iowa Colleges

2000-2001

<u>Program</u>	<u>Iowa</u>	<u>Non-Iowa</u>
Broadlawns (DM)	20	5
Cedar Rapids	10	7
Davenport	15	3
Iowa Lutheran (DM)	15	8
Mason City	10	8
Sioux City	4	12
Metropolitan (DM)*	0	2
Waterloo	12	5
University of Iowa	6	14
Total	92 (59%)	64 (41%)

*Formerly Des Moines General

STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

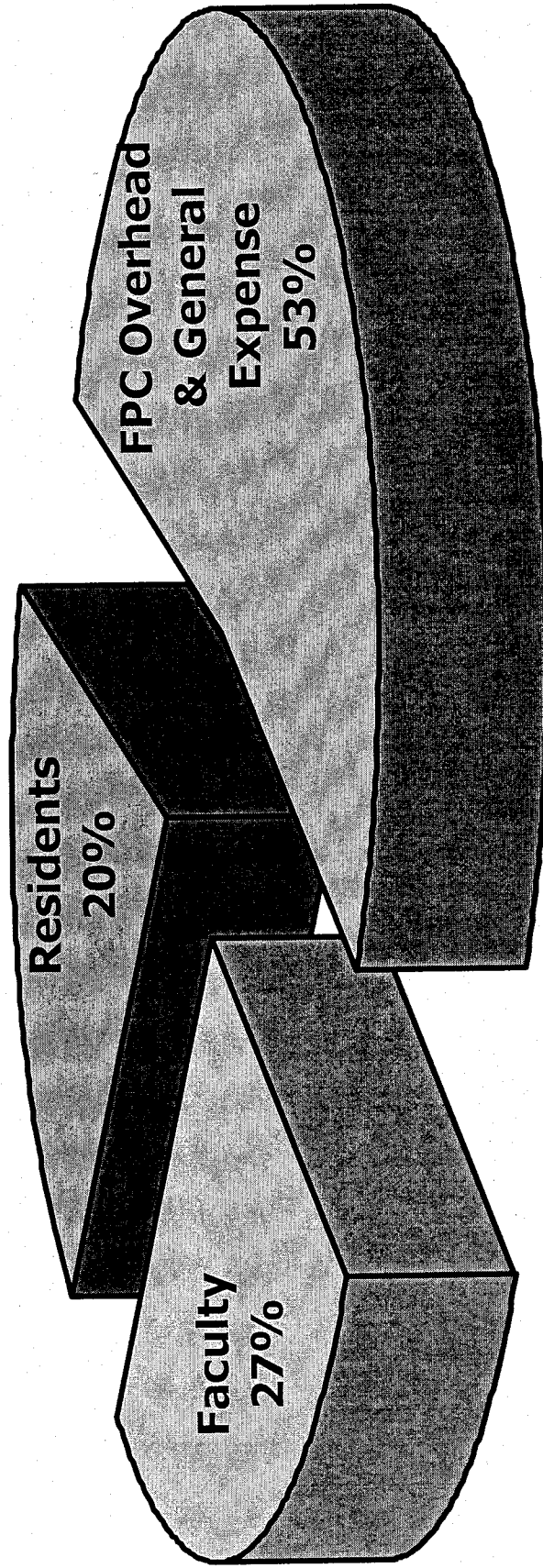
Minority Group Enrollment 2000-2001

<u>Program</u>	<u>No. of Residents</u>					<u>Program Total</u>
	<u>African American</u>	<u>Asian</u>	<u>Hispanic</u>	<u>Native American</u>		
Broadlawns (DM)	0	1	0	0		1
Cedar Rapids	0	2	0	0		2
Davenport	0	0	1	0		1
Iowa Lutheran (DM)	0	1	0	0		1
Mason City	0	0	0	0		0
Sioux City	0	1	0	1		2
Metropolitan (DM)*	0	0	0	0		0
Waterloo	0	2	0	0		2
University of Iowa	<u>2</u>	<u>4</u>	<u>2</u>	<u>0</u>		<u>8</u>
Total	2	11	3	1		17**

* Formerly Des Moines General
** 11% of the total enrollment (17 of 156)

STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

Uses of Financial Support

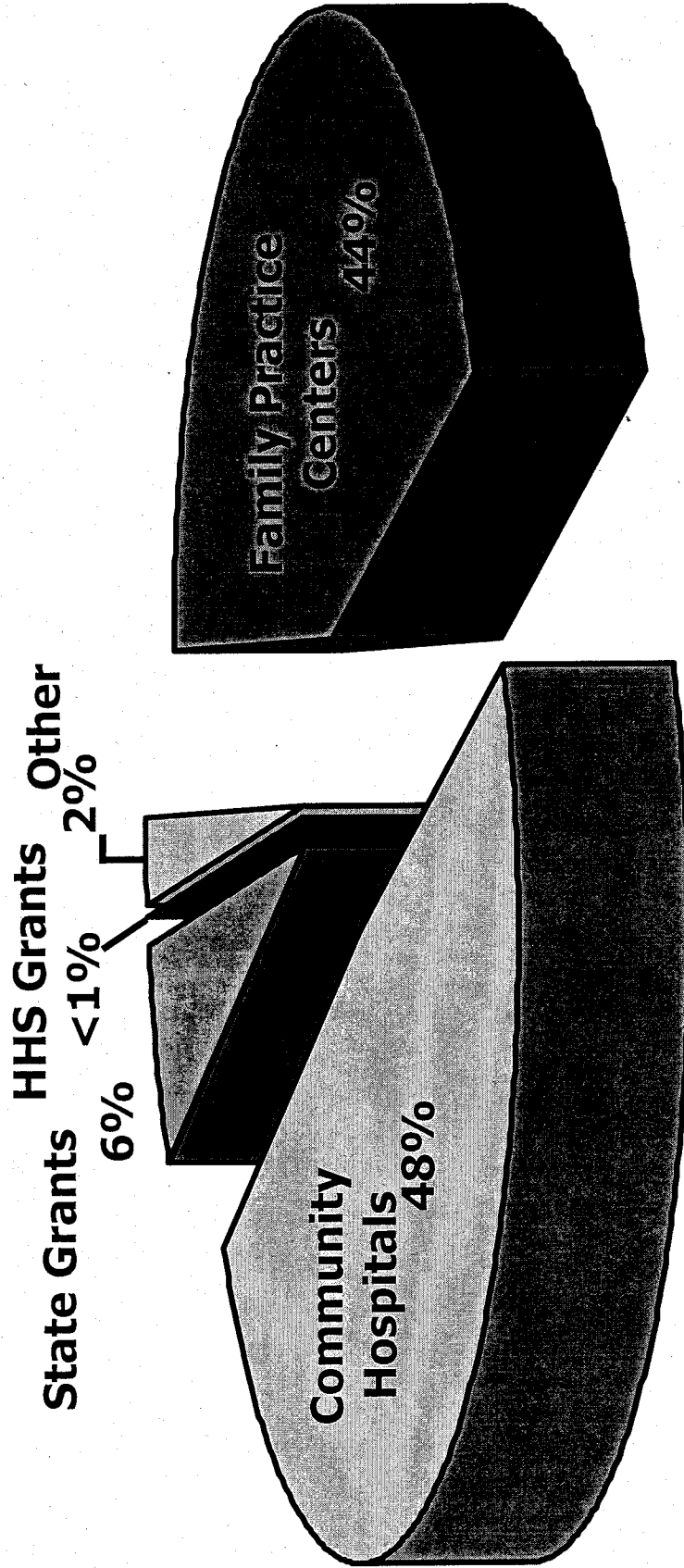


Total Program Expense = \$35,405,479

Fiscal Year 99-00

STATEWIDE FAMILY PRACTICE TRAINING PROGRAM

Sources of Financial Support



Total Program Support = \$35,108,340

Fiscal Year 99-00