



**Board of Governors Presentation**  
**January 27, 2005**

*Community Need*

- **2 million people** live in medically underserved areas in South Florida, 1.28 million of whom live in Miami-Dade County.\*

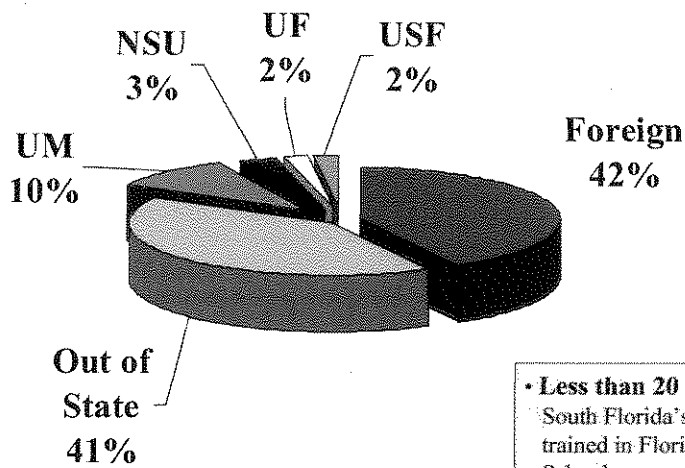
*\*J. Fu, P. Houle, GIS-RS Center (includes Miami-Dade, Monroe, Broward, Palm Beach Counties)*

*National Shortage*

• A shortage of **200,000** doctors is predicted in the U.S. by 2025.\*

\* *Annals of Internal Medicine*, November 2, 2004. Richard Cooper, M.D.

*Source of South Florida Physicians*



• **Less than 20 percent** of South Florida's physicians are trained in Florida's Medical Schools.

**The School of Medicine Proposal aligns with FIU's strategic plan to meet the community need.**

***The Mission:***

- To educate culturally competent physicians to promote the health and well-being of South Florida.



SOURCE: *Proposal for a Program in Allopathic Medicine, FFI, Page 59*

- 4-year allopathic program leading to a doctorate in medicine
- 21<sup>st</sup> century approach to health care and medical education, employing a community health and patient-based model.
- Utilize existing community-based resources – support from the largest community hospitals in Miami.



will:

- ◆ Increase the supply of minority medical students and residents
- ◆ Leverage strengths of our schools of Public Health and Nursing and our affiliate partners
- ◆ Emphasize research that addresses underserved and urban populations
- ◆ Capitalize on the resources of our urban medical core to achieve quality and low cost

**Hospital Affiliates**

Resources	Mount Sinai	Mercy	Miami Children's	Total
Hospital Beds	1,130	483	268	1,881
Outpatients/Yr	200,000	100,000+	200,000	500,000+
Physicians	1,176	900	650	2,726
Residents & Fellows	176	N/A	60	236
Teaching Facilities	Yes	Yes	Yes	3
Undergraduate Medical Education Programs	Yes	No	Yes	2
Centers of Excellence	Yes	Yes	Yes	3

\* Ongoing conversations with Baptist and other Hospitals still pending

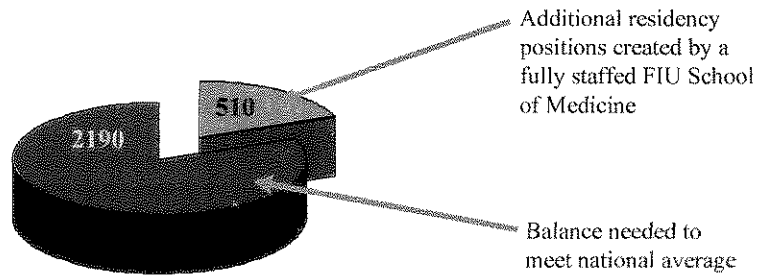
*Med Schools are Critical to Residency Programs*

- New accreditation requirements\* require extensive educational resources which are associated with medical schools.
- Potential residents prefer residency programs affiliated with medical schools.

\* Accreditation Council for Graduate Medical Education 11/2004

*Closing the Gap Where the Need is Greatest*

Florida will need an additional **2,700** residency positions to meet the national ratio of medical residents to 100,000 population.\*



TOTAL NEEDED – 2,700

\* CEPRI Medical Education Needs Analysis, Nov. 2004

♦ **CEPRI – Policy Recommendation 7**

When expansion of medical school capacity is pursued, the options of expanding existing medical school capacity, establishing regional partnerships, and establishing new medical schools should be prioritized based on cost-efficiency.

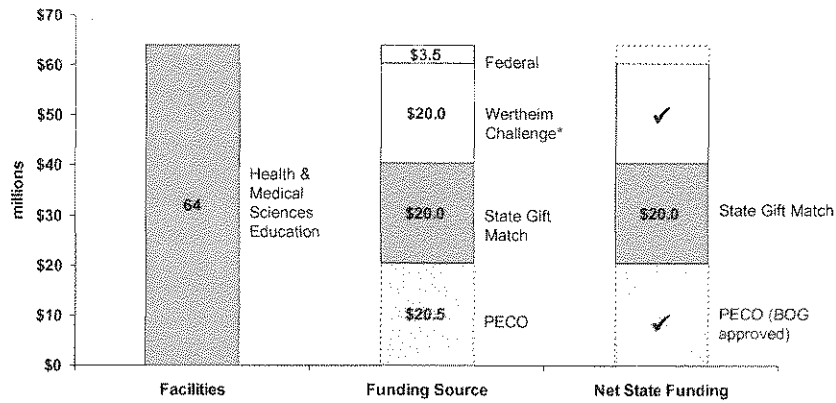
**Existing Resources**

- ✓ **Health & Life Sciences and Marine Biology Complex** - teaching and laboratories
- ✓ **Nano fabrication** – new Motorola research facility
- ✓ **Neurological science and engineering** - Ware Foundation grant in partnership with MCH Brain Institute
- ✓ **Stempel School of Public Health** - new endowment
- ✓ **Nursing** - U.S. Department of Labor grant to fast-track retraining of foreign medical graduates
- ✓ **Medical instrumentation** - corporate partnership for development
- ✓ **Honors Student** - USF/FIU Medical Initiative
- ✓ **Biomedical engineering** - Coulter endowment

**Facilities Requirement & Funding Sources**

SCHOOL OF MEDICINE INITIATIVE

**FIU WILL LEVERAGE ALREADY APPROVED INFRASTRUCTURE AND COMMITTED PRIVATE FUNDS**

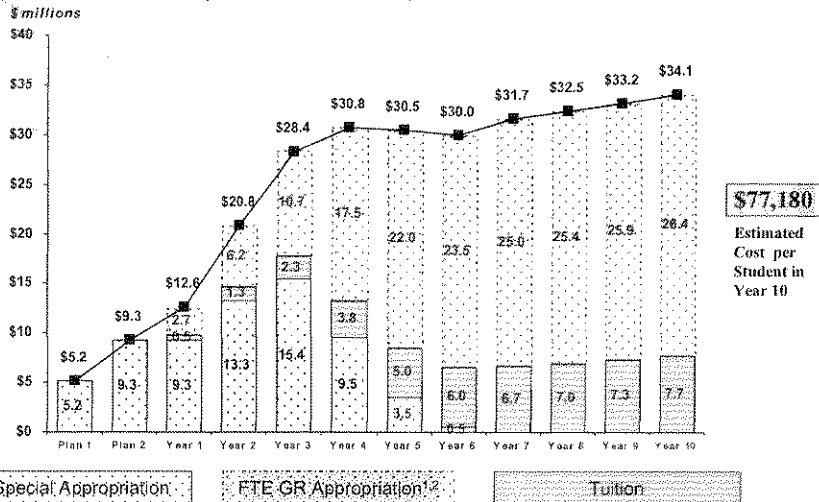


\* Pledge of 10 million plus \$10 million in private funds to be raised upon approval.

**State and Tuition Funding**

SCHOOL OF MEDICINE INITIATIVE

Revenue by Source of Funds & Expenses (Current dollars)



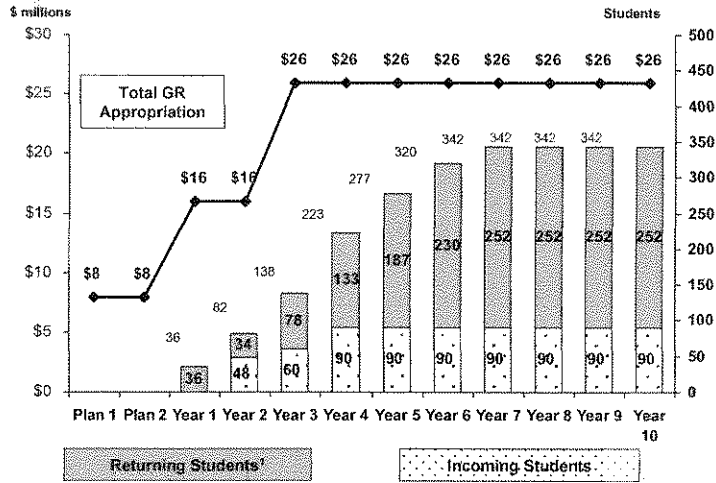
(1) For medical schools, FTE equals headcount.  
 (2) Excludes Revenue from Faculty Practice Plan and Residencies

GR Appropriations account for 78% of total revenue streams for the School of Medicine or \$25.9 million by operating year 9

**Budget Request**

SCHOOL OF MEDICINE INITIATIVE

Enrollment Growth & State Funding (Current dollars)



GR Appropriations track growth in student enrollment.

(1) Assumes a net attrition rate for the student body of 5%

**Economic Impact**

SCHOOL OF MEDICINE INITIATIVE

Estimated impact on the state economy in the fifth year of a Florida International University School of Medicine:

- **\$800 million annually**
  - \$22 million added to state and local tax revenue
  - \$500 million added to Gross Regional Product

SOURCE: The Washington Economics Group



FLORIDA INTERNATIONAL UNIVERSITY

*Honors Pre-Medical Inaugural Class*

SCHOOL OF MEDICINE INITIATIVE



Melissa Ward, Ron Mathew, Fiona Ogunkoya, Annmarie Marrou, Maria Garcia,  
Atena Yunus, Claudia Whittwell, Christopher Chong