#### Presentation to Florida Board of Governors State University System of Florida





# PROPOSAL TO OFFER DOCTOR OF DENTAL MEDICINE DEGREE

James H. Ammons, President September 14, 2011

# INNOVATIVE

#### COLLEGE OF DENTAL MEDICINE (CODM)

- First Class Education
- Community-Based Patient Care System
  - Excellent clinical education
  - Care for low-income population
  - Rural economic development

#### INNOVATIVE CODM

- Collaboration with Area Universities and Health Providers
- Philosophy and Structure of System
- Dental Student and Residency Program Diversity
- Cost-Effective Educational Model

#### WHY FAMU?

- Experience in Community-Based Health Professional Education Programs
- Strong Ties to Disadvantaged Communities
- Significantly Improved Leadership and Management

## **COLLEGE OF DENTAL MEDICINE**

Howard Bailit, DMD, PhD

#### **ORGANIZATION**

- Access Barriers
- Dental Education Models
- Mission
- Educational Program
- Impact
- Summary

# ACCESS BARRIERS

# **ACCESS DISPARITIES**

|           | Family Income |       |
|-----------|---------------|-------|
|           | Low           | High  |
| National  | 26.5%         | 57.9% |
| Panhandle | 9.6%          | 64.2% |

**Percent of Population Visit Dentist Annually by Income** 

# **WORKFORCE DIVERSITY**

|          |       | Florida              |
|----------|-------|----------------------|
|          | White | African<br>American* |
| Dentists | 83%   | 4%                   |
| Students | 67%   | 6%                   |

Percent of Florida Dentists and Dental Students by Race
\*16% of population

# STRATEGIES TO REDUCE DISPARITIES

### FLORIDA MEDICAID

- Large Percentage of Poor Not Eligible
  - Poor <250% Federal Poverty Level</li>
- Limited Adult Benefits
- Low Fees
- Most (85%) Dentists Do Not Participate

#### SAFETY NET SYSTEM

- Community Clinics to Serve Poor
  - Federally Qualified Health Centers
  - County Health Department Clinics
- Receive Additional Medicaid and Federal Funding
  - Medicaid per visit reimbursement rate
  - Federal 330 grant
- 35 Community Clinics in Panhandle
- Treat 59,000 People/Year about 12% of Poor

# DENTAL EDUCATION MODELS

# TRADITIONAL MODEL

#### Features

- Large central facility
- Clinics are teaching labs
- Faculty do not practice

#### Limitations

- Treat few patients
- Require large subsidies
- Offer limited clinical experience
- Provide minimal care to poor



## **COMMUNITY MODEL**

#### Features

- Students in community clinics/practices
- "Real" care systems
- Faculty practice as they teach

#### Advantages

- More clinical experience
- Less expensive
- Impact underserved



Federally Qualified Health Center Tallahassee

#### **COMMUNITY MODEL**

- Community Clinics Do Not Provide Some Services
  - Implants
  - Bridges
  - Molar root canals
- CODM Clinics Provide Students/Residents
   Experience with Such Services

# TRANSITION TO NEW MODEL

- East Carolina University
- Boston University
- University of Michigan
- Harvard University
- University of Illinois-Chicago
- Schools Associated with Osteopathic Medicine

# FLORIDA A&M UNIVERSITY COLLEGE OF DENTAL MEDICINE

#### **MISSION**

- Provide Outstanding Education
- Reduce Access Disparities
- Recruit Disadvantaged Students
- Generate New Knowledge
- Collaborate with Other Institutions

#### DENTAL STUDENTS

- Diverse Class of 70 Students/Year
- Focus on Disadvantaged Students (60%)
  - Low-income families
  - Rural
  - Underrepresented minorities
- Recruitment
  - Honors program
  - Post-Baccalaureate program
  - Summer enrichment
  - Low tuition

## **RESIDENTS**

- General Dentistry
  - 20 first year
  - 5 second year
- Pediatric Dentistry
  - 6 per year for two years
- Hospital Partnerships for GME Support
  - Tallahassee Memorial Hospital
  - Sacred Heart Health System

# BASIC SCIENCE FACULTY

- Florida A&M University
- Florida State University College of Medicine

#### CLINICAL FACULTY

- 60 Full-Time Clinical Faculty
  - 15 based in community clinics
- Departments
  - 35 General Dentistry
  - 10 Pediatric Dentistry
  - 15 Specialty Dentistry
- Part-Time and Volunteer Faculty
- Faculty Practice as They Teach

## **FACILITIES**

- College of Dental Medicine on Campus
  - 112 dental chairs
- Five Regional 18 Chair Clinics
  - Lease to FQHCs or County Clinics
  - Staffed by faculty, residents and students
- Other Community Clinics, Private Practices, Hospitals

#### **IMPACT: ACCESS**

#### College of Dental Medicine

- Care for 100,000 low income patients/year
- Expand dental safety net system
- Assist clinics increase management efficiency

#### Graduates

- 25 to 30% work in rural practices and clinics
- 30% accept more low income patients (e.g. 100 to 200) but do not practice in underserved areas

#### **IMPACT: OTHER**

- Increase Diversity Dental Workforce
- Improve Panhandle Economy
- Provide Jobs
- Strengthen FAMU Education/Research Programs

#### **FUNDING: CAPITAL**

|             | Construction | Dental Equipment |
|-------------|--------------|------------------|
| CODM        | \$46.1M      | \$10.6M          |
| Clinics (5) | \$15M        | \$5M             |

#### **Funding Sources**

- 1. State of Florida \$46.7M CODM campus building
- 2. University \$10M CODM campus building
- 3. University and Community Partners \$20M community clinics

#### **FUNDING: OPERATIONS**

- 2019/20 Primary Revenue (\$46.3M)
  - Patient care (\$23.7M)
  - Graduate Medical Education (\$1.9M)
  - Tuition/fees (\$9.6M)
  - State Subsidy (\$10.3M)
- 40% Tuition Scholarships and Loans
- State Appropriations/Student (\$36,900)

# SUMMARY: CODM STRENGTHS

- Dental Education Model
- Collaborative
- Access Disparities
- Workforce Diversity
- Rural Economy

# MEETING COMMUNITY NEEDS

- Economic Development
- Jobs
- Essential Health Services



# MEETING THE NEEDS OF PEOPLE

- Basic Dental Care to Low-Income Populations
- Reduce Pain, Infections, Systemic Diseases
- Higher Self-Esteem
- Improved Performance at School and Work

