



Board of Advisors

Spring 2007 Committee Meeting



EDUCATION



Agenda

- School of Medicine's Education Mission
- LCME Site Visit Update
- Professional Programs Overview
- Extended Learning
- Innovations in Education
- Camtasia Software
- Simulation



West Virginia University.
ROBERT C. BYRD HEALTH SCIENCES CENTER

School of Medicine

Education Mission



Our Vision

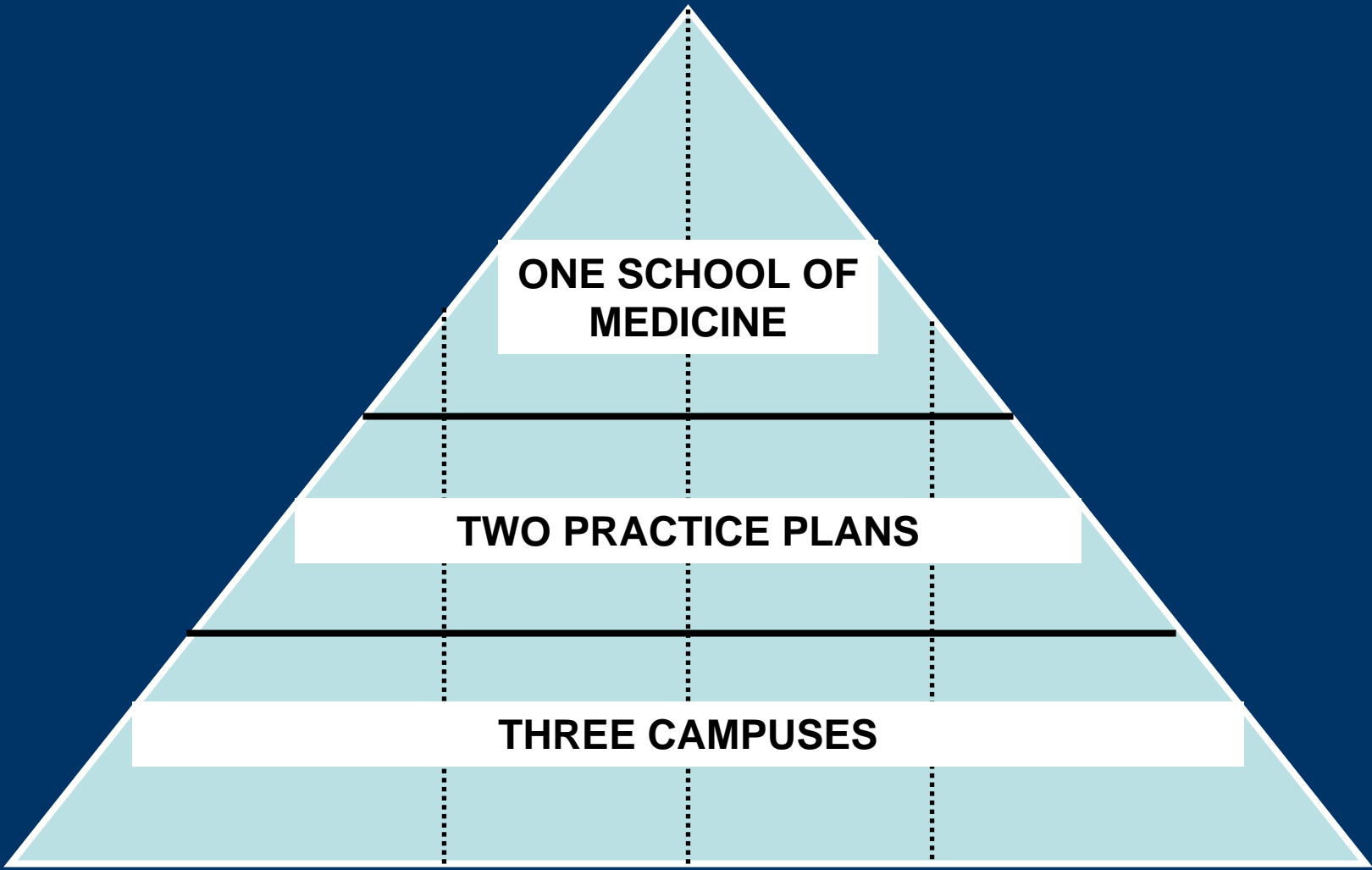
*The WVU School of Medicine will be nationally recognized as a leader among academic health care organizations by cultivating a tradition of excellence and innovation in **education**, research, patient care, and service.*





Our Mission

*To improve the health of West Virginians by **educating** health professionals; providing state of the art patient care; conducting basic science, clinical, translational, and rural public health research; and by offering a variety of supportive health services to our citizens.*



EDUCATION SERVICE RESEARCH PATIENT CARE



Education Programs



Degree Programs

- **Undergraduate Degrees:**
 - Exercise Physiology (BS)
 - Medical Technology (BS)
 - School Health Education (BS)
- **Masters Degrees:**
 - Biomedical Sciences (MS)
 - Community Health Promotion (MS)
 - Exercise Physiology (MS)
 - Occupational Therapy (MOT)
 - Public Health (MPH)



Doctoral Degree Programs

- **Physical Therapy (DPT)**
- **MD Degree**
 - MD/PhD Program
 - MD/MPH Program
- **PhD Degrees**
 - Biochemistry and Molecular Biology
 - Cancer Cell Biology
 - Cellular and Integrative Physiology
 - Exercise Physiology
 - Immunology and Microbial Pathogenesis
 - Neuroscience
 - Pharmaceutical and Pharmacological Sciences
 - Public Health



Faculty and Staff

- **679** Faculty
- **1,132** Volunteer Faculty
- **1,390** Staff



Students and Trainees

- 412 Medical
- 302 Graduate Medical (residents)
- 36 Fellows
- 135 Basic Sciences PhD
- 51 Basic Science MS
- 123 Occupational Therapy
- 75 Physical Therapy DPT
- 664 Exercise Physiology BS
- 19 Exercise Physiology MS
- 74 Medical Technology BS
- 87 Community Medicine MS/MPH

2010 Strategic Plan





Strategic Priorities

Strengthen our state and national reputation

+

Institutionalize an achievement culture

+

Expand and promote multi-disciplinary
collaborations





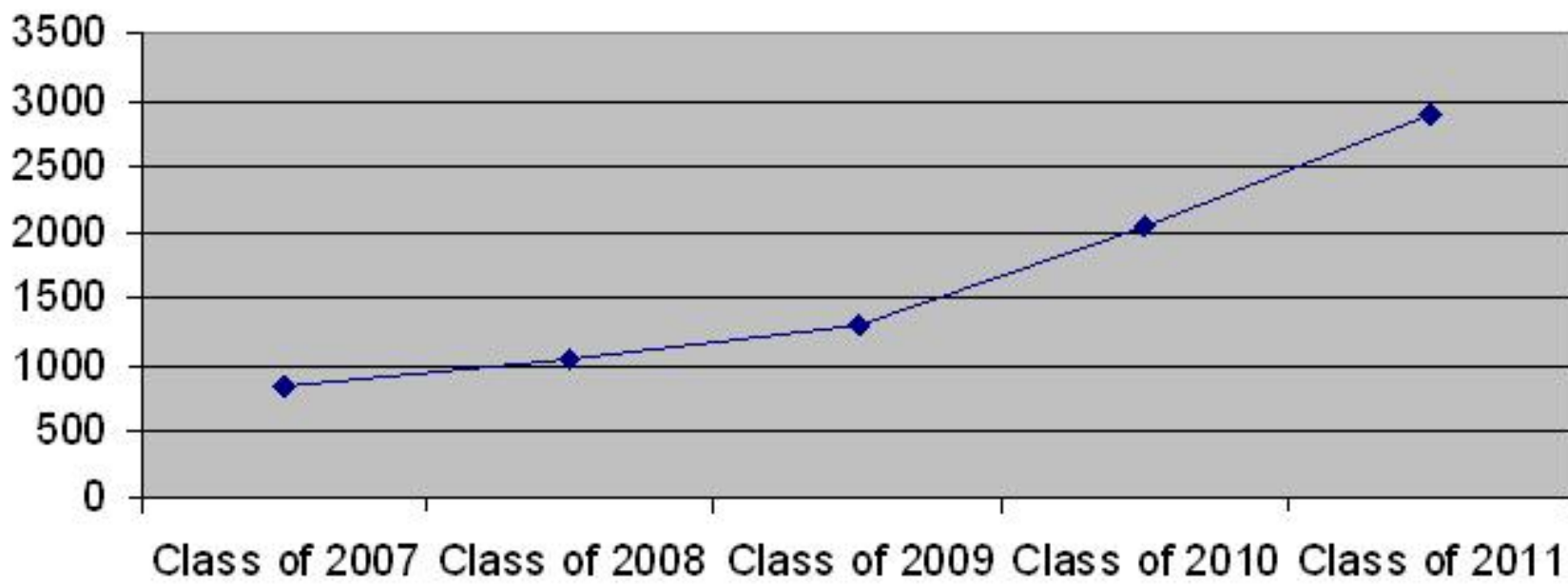
Education Goals

Recruit and retain faculty, staff, residents, and students with strong credentials

- 10% increase in WV resident applicants -- NO
- 10% increase in all applicants 😊
- 5% or less re-cycle rate for academic performance -- NO
- 10% increase in LCME graduates in residency programs 😊
- 10% increase in offers accepted – too soon to know



Total number of applications



—◆— Total number of applications



Education Goals

Create strong academic, clinical and research departments

- Achieve full accreditation of all GME programs – not until after October 2007
- Increase funding for GME from WVUH – under consultant review
- Achieve full accreditation from LCME – final report pending
- Maintain USMLE pass rates great than national average -- 😊



Education Goals

Leverage technology for advancement in education, research and patient care

- Develop and implement a simulation plan — 😊
- Implementation of Camtasia Software - 😊
- Opening of the New Learning Center - 😊
- Assessment of E-Journal Access - 😊
- Production of Research DVD - 😊



Challenges

- Hiring faculty in Professional Programs
- Clinical Program Development – Prof Programs
- Teaching basic science classes
- Technology/availability of classrooms
- Withdraw rate of accepted applicants for Medical School
- Funding for GME
- Projected requests for new resident/fellow positions will reach 100 over the next five years
- Rising tuition for medical students and professional programs