PREPARING TO CARE

Springfield Area Chamber of Commerce
October 29, 2007
University Unity Tour

- Accountability to Missourians
- Building Human Capital
2007

- Land-grant
- More students
- More faculty
- More disciplines
UM’s unique missions

• Teaching, research, service and economic development
Building Human Capital

- Medicine
- Veterinary Medicine
- Dentistry
- Optometry
- Music
- Agriculture
- Law
- Life Sciences
- Journalism
- Engineering
Building Human Capital

1839  2007
Building Human Capital

• Disseminating Knowledge
Building Human Capital

- Compounding interest
- Compounding Human Capital
Getting back on track

- Previously reduced state funding
- Three-year reinvestment plan
- 4.2 percent boost
- Lewis & Clark Discovery Initiative
More is needed

An investment

**BY** Missourians

**IN** Missourians
Vital initiative:

PREPARING TO CARE
Health care concerns

- Missourians are aging
- Health care professionals retiring
- Unable to keep up with demand
Specific needs

- **Doctors**: 95% of counties underserved
- **Nurses**: 20% shortage by 2015
- **Pharmacists**: shortage of 700 by 2012
- **Dentists**: 93% of counties now underserved
We will commit

- Increase annual class size:
  - 30 additional medical students
  - 30 additional pharmacists
  - 500 additional nurses
  - More health care professionals
Strategic investment

• Public institutions united
• Full funding to cost $38.3 million
• Health care needs are pressing
• An investment in **Human Capital**
Statewide reach/hometown impact

• What you can do:
  – Support **Preparing to Care**
  – Express support to Missouri leaders
“Preparing to Care” at Missouri State University

Michael T. Nietzel
President
Current health field enrollments at Missouri State University

Nursing 229  
(all programs, Springfield and West Plains)

Physician Assistant 49

Physical Therapy 72

Communication Sciences Disorders 230  
(including Doctor of Audiology)
Recent Licensure Rates for MSU Graduates

- Bachelor of Science in Nursing – 95%
- Nursing (RN) at West Plains – 97%
- Family Nurse Practitioner – 100%
- Physician Assistant – 100%
- Physical Therapy – 91%
- Audiology – 100%
“Preparing To Care” For Missouri State University

- $2.1 million to increase capacity by 60 students in these programs...
  - 40 – Nursing (various degree programs)
  - 10 – Physical Therapy
  - 10 – Physician Assistant and Audiology combined
“Preparing To Care” For Missouri State University (Continued)

- Funding will be used for...
  - 9 New Faculty
  - 3.5 New Support Staff
  - Upgrade of Classroom, Clinical Facilities and Equipment
  - Operating Costs
  - Scholarships, Fellowships, Financial Aid, Student Support Services
Doctor of Pharmacy Cooperative Degree Program

University of Missouri-Kansas City and Missouri State University

Targeted for Fall 2009
The Need

- Nationwide, the shortage of pharmacists is projected to be 157,000 by 2020
- Missouri’s shortage of pharmacists will reach 700 by 2012
- Pharmacist shortages are even more pronounced in rural areas of the Midwest
One Potential Solution for Missouri: Expansion of the UMKC “Pharm D” Program to other sites

- Accredited by American Council on Pharmaceutical Education (ACPE)
- 1/5 curricular model
- Model for this kind of expansion with University of Missouri-Columbia
Another UM/MSU Partnership to Address Missouri’s Needs

- Patterned after MSU/UMR cooperative efforts with Engineering
- MSU currently has pre-pharmacy program
- Coursework delivered through
  - Lecture and laboratory instruction on both campuses
  - Two-way interactive video
  - Web-based components in traditional courses
  - Clinical practicum experiences and internships in local clinical facilities
Examples of Current Collaborations Between University of Missouri System and Missouri State University

There are many...
Degree Programs

- Doctorate in Educational Leadership (UMC degree)
- Master of Arts in Library and Information Science (UMC degree)
- Bachelor of Science in Engineering – Electrical and Civil (UMR degree) coming in Fall 2008
Departmental Alliances

- Chemistry
- Agriculture
- Mathematics
- Plant Science
- Geospatial Sciences
Funded Grants
*(Currently Active Projects)*

- Small Business Development Center Program
- *Vitis* Gene Discovery Program and other basic and applied research on grapes and wine
- Missouri Space Grant Consortium
- Missouri Physicians for Rural Missouri: A Self-Renewing Pipeline
Institutional Collaboration And Alliances

- Missouri Technology Corporation
- Research Alliance of Missouri
- Technology Evaluation Agreement
Questions?