For All We Call Mizzou Campaign Success

Raised: $1 Billion

Goal: $1 Billion
Total as of Nov. 7, 2008

$581 million for research and programs

$100 million from Missouri foundations, corporations and associations
MU is an Economic Engine

• Missouri’s major public research university.

• One of six public universities nationwide with medicine, veterinary medicine, engineering, law, and agriculture all on one campus.

Bond Life Sciences Center
Research that Makes a Difference

- **Nano**: biomedical, defense, physics, engineering, and more.

- **Agro and Plant Science**: biofuel, genetics, food safety.

- **Reactor (MURR)**: imaging and radiopharmaceuticals.

- **Comparative Medicine**: three national centers study swine, rats, and mice; faculty provide world class companion animal models.

- **Investment in Technology Transfer**
Economic Development at MU

- Leverage state investment
- Attract money to Missouri
- Commercialize/seek patents
- Grow entrepreneurs
- Prepare work force
- Network internationally
MU Builds Bridges Across the Region

In St. Louis

- Washington University
- National Geospatial-Intelligence Agency
- Danforth Plant Science Center
- RCGA
- Boeing, Monsanto, Pfizer, Ameren, AT&T, Nestle Purina, Covidien, and more
MU Builds Bridges Across the Region

In Kansas City

• Midwest Research Institute
• Ewing Marion Kauffman Foundation
• Cerner, Honeywell, and Garmin
• Kansas City Area Development Council (KCADC)
• Animal Health Corridor: Bayer, Fort Dodge, Boehringer Ingelheim, and many more
$248 million of research

$481 million economic impact
Supports 10,000 jobs

$2 billion of research in last decade equals nearly $4 billion economic impact

Based on IMPLAN economic analysis: Every new external $1 into the university generates $1.94 in economic impact. Every $1M into the university creates 39.3 jobs.

Randy Curry, associate professor, partners with Boeing to improve safety of soldiers.
Innovation and Commercialization

- 49 U.S. patents filed and $6.2 million in licensing revenue received, 2007-08.

- Since 2005, 20 new MU faculty or student business startups, with six based on commercialization of Mizzou technology.

- In FY ’08, 77 invention disclosures received from MU inventors; 26 licenses and options signed based on MU technologies.

Rows of greenhouses glow as the sun sets behind Jesse Hall.
MU Research Reactor

• MU’s Research Reactor is the largest university based reactor in the U.S.

• MU collaborated to bring three radiopharmaceuticals to market for cancer diagnosis and treatment.

• MURR supplies the active ingredients weekly for 1,000+ patient doses of Quadramet® (for bone cancer pain) and TheraSphere® (for liver cancer).

• New MURR cyclotron supplies fluorine-18 for diagnostic medicine.
• MURR generates more than $10 million annually through products, services and research grants.

• Nuclear power: MURR is a unique resource for this re-emergent industry.
Dr. Fred Hawthorne, International Institute of Nano and Molecular Medicine director, will receive the American Chemical Society’s 2009 Priestley Medal, second in prestige to Nobel Prize for chemists.

Dr. Shubhra Gangopadhyay, “Nano 50” award-winning scientist.

RT Image magazine recognized Dr. Kattesh Katti as one of the 25 most influential people in radiology, Sept. ’08.
Missouri’s Economy

Output expressed as income

Investment in university over time

with MU

without MU
Building Human Capital

Sustained investment:
• 5,400 graduates each year.
• College graduates earn $700k more than high school graduates during their lifetime.
Building Human Capital

Impact in St. Louis and Missouri

• 2008 Enrollment of 30,000 students

• 30% of MU students come from metro St. Louis

• 41,000 Mizzou alumni live in metro St. Louis

MU Business students work with General Motors to market Cobalts
Preparing the Work Force

Recent Graduates
69% work in Missouri
91% working in jobs related to their majors

Missouri’s professionals
The majority of Missouri physicians receive their medical training from MU.

Three-fourths of Missouri veterinarians earned their veterinary degrees at MU.

MU Law School alumni practice in every Missouri county.
Developing Small Businesses

In FY07, MU Extension’s Small Business Development Centers helped businesses:

• Acquire $77 million in new financing
• Increase sales more than $90 million
• Create or retain 6,900 jobs
• Obtain $252 million in government contracts
International Networking

How can we help Industry in Missouri compete globally?

* Leverage MU’s international ties

- Transatlantic Center
- Global Journalism offices
- Large and successful alumni network
- Established partnerships in South Korea, China, SE Asia, India, and many more countries.

Amit Midha, MU alum and President of Dell China