MSM-UMR
Campus Update

June 2003
Mission

1997 Curators’ Approved Mission for UMR

» Meet Missouri’s need for engineering education;
» Develop Leaders for Missouri and the nation;
» Drive graduate education and research in the areas of materials, manufacturing, infrastructure, geotechnical, and environmental engineering and science; and
» Stimulate economic development.
UMR’s Vision for 2006

- Improve the quality of education of all UMR students and obtain increased national recognition for the university by:
  - Rewarding excellence and creativity in teaching;
  - Increasing sponsored research; and
  - Providing workable solutions to some of the major issues facing society
Sources of Financial Support

- State Appropriations
- Enrollment
- Private Giving
- Sponsored Programs and Research
## State Appropriations

<table>
<thead>
<tr>
<th>FY</th>
<th>Appropriation</th>
<th>Withholding</th>
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<tbody>
<tr>
<td>2002</td>
<td>$52.2 Million</td>
<td>$7.7 Million</td>
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<tr>
<td>2003</td>
<td>$47.0 Million</td>
<td>$1.1 Million*</td>
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| 2004| $47.0 Million**| $45.0 Million***| Governor Vetoed Budget – called special session which began June 2\textsuperscript{nd}.

* Amount Withheld So Far ($0.5 Million announced 38 days before end of fiscal year)
** Governor’s Recommendation
*** Passed by the House and Senate
We are making progress in the areas we can control!
Enrollment

- **Fall Semester 2002** (end of 4th week)
  - 5240 TOTAL enrollment; goal of 6000
  - 7.3% increase from FS01
  - increase in every category
    - freshmen, transfer and graduate students

- **Winter Semester 2003** (end of 4th week)
  - 4904 TOTAL enrollment (following commencement)
  - 6.9% increase from WS02

- 7th consecutive session of increases
  - 13.3% increase since Fall 2000
Enrollment

Total Number of Students

- On-Campus
- Other Programs


Fall

Legend:
- On-Campus
- Other Programs

Graph showing enrollment trends from 1993 to 2006.
Retention

First-Time Full-Time Degree Seeking Freshmen % Enrolled or Received Degree

Years After Original Enrollment Year

Retention Chart

Years: 1987-2001

- Out of 347 institutions, UMR ranked
  - 20th for all BS graduates
  - 22nd for all graduates
  - 22nd for all MS graduates
  - 28th for African-American graduates
  - 29th for women graduates
  - 55th for all Ph.D. graduates
● UMR leads all Missouri universities in the number of degrees granted in the following engineering disciplines:

- ceramic manufacturing
- chemical materials/metallurgical
- civil mechanical
- electrical mining/mineral/geological
- environmental petroleum
- engineering management

● Other degree rankings:

- aerospace engineering - UMR ranks 36th (St. Louis University ranks 10th)
- computer engineering - UMR ranks 47th (Washington University ranks 32nd)
- systems engineering - UMR ranks 21st (Washington University ranks 20th)
- nuclear engineering - UMR ranks 18th (UMC ranks 16th)
Private Giving

● Alumni and friends give generously of their time, talent and resources.

● UMR’s endowment grew from $24.5M to $63.8M since 1994.
  » Alumni Association has an additional endowment worth over $7M

● 43% of MSM-UMR alumni contributed a total of $67.7M to the “Full Circle Campaign” from 1994-2000.

● Increased private giving will more rapidly propel UMR toward its vision.
Private Giving

*after the successful completion of the Full Circle Campaign
Research

- Proposals submitted (through May 2003)
  - $117.4 million
  - 54.9% increase from this time last year

- Proposals awarded (through May 2003)
  - $27.4 million
  - 17.6% increase from this time last year

- Establishing a Missouri Transportation Institute
  - the focal point of all research conducted by the Missouri Department of Transportation
Recognition

**U.S. News & World Report Ranking:**

- **2003 Undergraduate Engineering Programs**
  - UMR’s Engineering School Ranked in Top 50 among all undergraduate engineering programs
  - UMR’s Engineering School Ranked #27 among all public undergraduate engineering programs

- **Goals**
  - Top 10% of undergraduate engineering programs by 2009
Recognition

U.S. News & World Report Ranking:
• 2004 Graduate Engineering Programs
  » 73rd among all graduate engineering programs
  » 45th among all public graduate engineering programs
  » 45th among recruiters of our engineering graduates
National Student Recognition

• Athletics
  » One football player named to the Academic All-American Team for the second consecutive year;
  » Four football players named to the Academic All-District Team;
  » Six Miner swim team members qualified for NCAA Division II Championships;
  » Two relay swim teams won national championships; and
  » Lady Miners soccer and cross country teams won academic honors
National Student Recognition

- **Student Design Competitions**
  - **Solar Car**
    - Solar Miner IV qualified for the American Solar Challenge which begins July 13-23.
    - Solar Miner III finished second behind University of Michigan
    - Solar Miner II placed first nationally
  - **Heavy Lift team** finished 1st nationally at the SAE Collegiate Aero Design Competition.
  - **Human Powered Vehicle** placed 1st nationally at the ASME Human Power Vehicle Competition. This is the second year in a row!
  - **Concrete Canoe team** placed second overall in the Mid-Continent Concrete Canoe.
  - **Steel Bridge team** finished second in the 2003 American Society of Civil Engineers (ASCE) Regional Steel Bridge Competition
Exciting Changes

- **Departmental name changes**
  - Economics and Finance
  - Chemical and Biological Engineering
  - Civil, Architectural, and Environmental Engineering

- University Drive

- 128-hour curriculum in all engineering disciplines
Exciting Changes

• Reorganization of Student Affair

• Athletic Task Force self-study
  » 2 year process
  » Involves input from all UMR constituents
  » Task Force made recommendations
  » Working with alumni and student groups to ensure the best decision is made to enhance athletics on campus.
Civil Engineering Renovation

- Dedication scheduled for Fall 2003
Governor approved $6.3M of $18M in state funds, FY ’01
Approved state funds stalled due to budget constraints
$1.2M (of $5-6M needed) in private funds is secured
Havener Center

- Ground breaking held in Fall 2002
- Dedication scheduled for Fall 2004
- Student-initiated and student-supported project
- Nearly $6M in private funds secured
Residential College

- Ground breaking scheduled for Spring 2003
- Dedication scheduled for Fall 2004
- Initial funding through 30-year bond issue
Open Space
(North Mall)

Landscaping

Sculpture

Current conditions
Pedestrian Nodes (Library Park)

Current conditions

Artist’s rendering of proposed conditions
Portals/Corridors (University Center)

Current conditions

Artist's rendering of proposed conditions
Street Tree Right of Way (11th Street)

14th Street (University Drive) to I-44
BEFORE

AFTER

Bishop Avenue
BEFORE

AFTER
Thank you!

I would like to personally thank each of you for your continued hard work and dedication to the University of Missouri-Rolla.