

State Legislators

A time of opportunity, responsibility, and challenge

UM and State must work together in a partnership to secure the future prosperity and quality of life desired by Michigan citizens

Requirements:

- 1) UM must continue its strong commitment to decisive internal actions designed to focus resources on areas of particularly high quality and critical importance
- 2) State must continue its commitment to substantial further investment in the University

A time of dramatic economic change...

Traditional industry economy is shifting to a new, knowledge-based economy just as our industrial focus evolved from an agrarian society at the turn of the century.

Intellectual capital -- brainpower -- is increasingly regarded as the key element needed to compete effectively in a highly technological and rapidly changing global economy.

As we look to the knowledge-intensive future of Michigan, we recognize as have so many other states that it will be our great research universities that will hold the key to our collective prosperity.

For this reason, leaders of state government, business, labor, and industry have called for a renewed investment in these institutions so essential to sustaining the strength of our economic base.

State government has responded...

By re-establishing Michigan's universities as a high priority for public support. Strong steps have been taken to halt the serious erosion of public support that occurred during the 1970s.

Exciting new initiatives such as the Research Excellence Fund are beginning to build the R&D infrastructure so essential to a knowledge-based economy

Already clear evidence of payoff...

1. University's federal research increased by 25% -- industrially sponsored research has increased by 50%
2. Research Excellence Fund has created nationally recognized centers in:
Complex manufacturing technology
Machine intelligence
Advanced electronics
Information technology
These programs already have attracted three major national research centers funded at \$27 M.
3. UM has been selected as lead institution in EXPRES project to develop a nationwide computer-communications network linking together American research universities, federal government, and industry.

We are approaching State & government for assistance in getting Michigan on-board at an early stage with a similar network linking state universities and colleges with all communities

4. State investment in UM Medical Center has paid off, not only with the best medical care in the nation, but exciting new research programs in

Areas such as new research, coronary care, and medical

imaging.

5. Amended the Howard Hughes Medical Institute, a

fund at Michigan University

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x \$2 from outside the state for every \$1

in state's per capita income. Moreover, activities of our graduates and

an impact on state's economy

that totals in the millions of dollars

Michigan has not the vote!

State has taken strong first steps to

improvement of its research

edge-based resources so necessary

to our long term well-being and prosperity.

still have far to go to counteract the crippling deterioration of public

support experienced in the 1970s and early 1980s.

1. While Michigan ranks 10th in increase in state appropriation to higher education in past 2 years, it has pulled itself only up to 37th over the past decade!
2. While we rank 5th in tax revenue, we rank only 29th in appropriations per student and 39th in percentage of total appropriations allocated to higher education.
3. SRI Study suggests that presently we are underinvesting by as much as 30% in the knowledge infrastructure necessary to secure our futures.
3 - future leadership and prosperity.

If we fail to continue the pace of this re-investment, Michigan will not only risk falling behind other midwestern states, but regions such as California and New England will pull even farther ahead ..and pull our industry with them!

The Challenge

Intense international competition, (turbulent markets, rapid technological change present new challenges to our future...

investments in our research universities

so necessary for tomorrow -- is to lose the race for the future prosperity

and well-being of our citizens. We have no choice but to forge ahead/ to pick up the pace and to

3 - increase these investments in order to secure once again the position of leadership to which our state has long been accustomed.

We must acknowledge the vision of

d determination on the part

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higher.heqd 3 - education kÖ re{ent years an| the success that has resulted
from thxsm.head 3 - `cthon.

But the lesson of□this#success, however, must be that we still have mope to do.

Michigan should not -- indeed, must not -- rest until@we have secured our
posiTion of leadership so critical to our state's future by restoring the
capacity and competitiveness of this su□tes research universitims.

The citizens of this state will demand nothing less!