

COMMITTEE ON LEGISLATIVE RESEARCH
OVERSIGHT DIVISION

FISCAL NOTE

L.R. NO.: 3490-01
BILL NO.: SB 777
SUBJECT: Education, Higher: Engineering and Science Academy
TYPE: Original
DATE: January 31, 2000

FISCAL SUMMARY

ESTIMATED NET EFFECT ON STATE FUNDS			
FUND AFFECTED	FY 2001	FY 2002	FY 2003
General Revenue	(\$700,000)	(\$721,100)	(\$742,630)
Total Estimated Net Effect on <u>All</u> State Funds	(\$700,000)	(\$721,100)	(\$742,630)

ESTIMATED NET EFFECT ON FEDERAL FUNDS			
FUND AFFECTED	FY 2001	FY 2002	FY 2003
Total Estimated Net Effect on <u>All</u> Federal Funds	\$0	\$0	\$0

ESTIMATED NET EFFECT ON LOCAL FUNDS			
FUND AFFECTED	FY 2001	FY 2002	FY 2003
Local Government	\$0	\$0	\$0

Numbers within parentheses: () indicate costs or losses.
This fiscal note contains 4 pages.

FISCAL ANALYSIS

ASSUMPTION

Officials from the **Department of Natural Resources** and **Department of Social Services** assume the proposal would result in no fiscal impact to the agencies.

Officials from the **Coordinating Board For Higher Education (CBHE)** assume there would be no fiscal impact on the CBHE. However, there would certainly be a fiscal impact on the University of Missouri as the Rolla campus would be responsible for developing and funding the MESA. There would also be a fiscal impact associated with the faculty developing and funding the in-service teachers program. While there would not be an impact on the CBHE, the costs to the University of Missouri -Rolla would likely be seen in future CBHE appropriation requests. CBHE officials assume there would be a potential impact on the Department of Elementary and Secondary Education.

Officials from the **Department of Elementary and Secondary Education (DESE)** estimate the fiscal impact as follows:

DESE assumes that these programs would be structured similar to the Missouri Fine Arts Academy:

- 1) A 3-week academy of 220 student participants costs approximately \$320,000.
- 2) The professional development piece for in-service science teachers is estimated to cost approximately \$50,000.
- 3) It is assumed that the state would pay for all costs.

Total cost of this legislation is estimated to be about \$370,000, beginning FY 2001. This amount is increased by 3% per year to provide an inflation adjustment.

Officials from the **University of Missouri** estimate the minimum costs to the university would be approximately \$380,000 per 100 public school teachers. This includes costs for University of Missouri Rolla faculty, public school teachers and general supplies. The **Oversight Division** has reduced this cost by \$50,000, assuming the cost for in-service science teachers was included in DESE's estimate.

<u>FISCAL IMPACT - State Government</u>	FY 2001 (10 Mo.)	FY 2002	FY 2003
GENERAL REVENUE FUND			
<u>Cost-Department of Elementary and Secondary Education (DESE)</u>			
Student Participants in MESA	(\$320,000)	(\$329,600)	(\$339,488)
In-Service Science Teachers	<u>(\$50,000)</u>	<u>(\$51,500)</u>	<u>(\$53,045)</u>
Total <u>Cost-DESE</u>	(\$370,000)	(\$381,100)	(\$392,533)
<u>Cost-University of Missouri Rolla</u>			
MESA and Science Summer Program	(\$330,000)	(\$339,900)	(\$350,097)
ESTIMATED NET EFFECT ON GENERAL REVENUE FUND	<u>(\$700,000)</u>	<u>(\$721,100)</u>	<u>(\$742,630)</u>

<u>FISCAL IMPACT - Local Government</u>	FY 2001 (10 Mo.)	FY 2002	FY 2003
	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
<u>FISCAL IMPACT - Small Business</u>			

No direct fiscal impact to small businesses would be expected as a result of this proposal.

DESCRIPTION

The proposal would create the Missouri Engineering and Science Academy (MESA) for educating high ability high school students who have an interest in science or engineering and have demonstrated abilities in science and mathematics.

The academy curriculum would be developed by faculty at and managed and funded through the Rolla campus of the University of Missouri (UMR).

The proposal would establish at UMR a science summer program for in-service science teachers to enhance their knowledge and awareness of environmental matters associated with the history of natural resource development and land use changes in Missouri.

The science summer program would be funded, administered and taught by faculty at the Rolla campus of the University of Missouri with assistance from DESE.

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DESCRIPTION (Continued)

Participating in the science summer program could be included as part of a teacher's participation in the career development and teacher excellence plan, to the extent such participation would be consistent with the teacher's career plan approved by the school district.

This legislation is not federally mandated, would not duplicate any other program and would not require additional capital improvements or rental space.

SOURCES OF INFORMATION

Department of Elementary and Secondary Education
Coordinating Board For Higher Education
University of Missouri
Department of Natural Resources
Department of Social Services



Jeanne Jarrett, CPA
Director
January 31, 2000