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FISCAL IMPACT REPORT

ORIGINAL DATE 2/22/07

SPONSOR Begaye LAST UPDATED _____ HB HJM 63

SHORT TITLE NM as Science, Engineering, and Research Leader SB _____

ANALYST Guambaña

APPROPRIATION (dollars in thousands)

Appropriation		Recurring or Non-Rec	Fund Affected
FY07	FY08		
	NFI		

(Parenthesis () Indicate Expenditure Decreases)

SOURCES OF INFORMATION

LFC Files

SUMMARY

Synopsis of Bill

House Joint Memorial 63 requests that New Mexico be a leader in preparing young researchers to answer the global challenges in science, engineering, and mathematics.

SIGNIFICANT ISSUES

House Joint Memorial requests that:

- The governor declare a “New Mexico Young Researchers Awareness Day”;
- The Public Education Department (PED) require all students in secondary schools to conduct a scientific research project for presentation or review prior to graduation;
- Expositions of student science projects no longer be identified as “science fairs” but as “student science and engineering research challenges”;
- Every post-secondary educational institution establish a review process for secondary-school student research projects and that the results be considered when admitting students to those institutions;
- All new teachers of science and mathematics be involved in evaluating student research projects that are displayed in public;
- PED and Higher Education Department (HED) collaborate to provide kindergarten through twelfth grade teachers with the opportunity to conduct their own research for their own professional growth;

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- PED and HED work with the international science and engineering fair;
- A public education and marketing program be established to help educate residents about how work force education issues will affect New Mexicans and their standard of living for generations to come;
- Copies of this memorial are transmitted to PED, HED, and the governor.

House Joint Memorial 63 states that:

- Fewer of New Mexico's students are selecting careers in science, engineering, and mathematics;
- New Mexico is competing with countries that expend proportionately more money per student to build their science and engineering communities; and
- Research projects allow students to apply their knowledge and skills directly, a technique that has been shown to improve their understanding of mathematical, scientific and engineering concepts.

AG/nt