F I S C A L I M P A C T R E P O R T

SPONSOR Salazar **ORIGINAL DATE** 02/03/10 **LAST UPDATED** **HB** 219

SHORT TITLE Computational Math & Science Class Training **SB**

ANALYST Aguilar

APPROPRIATION (dollars in thousands)

Appropriation		Recurring or Non-Rec	Fund Affected
FY10	**FY11**		
	$100.0	Recurring	General Fund

(Parenthesis ( ) Indicate Expenditure Decreases)

Relates to HB 2

SOURCES OF INFORMATION
LFC Files

Responses Received From
Public Education Department (PED
Higher Education Department (HED)
Office of Educational Accountability (OEA)

SUMMARY

Synopsis of Bill

House Bill 219 appropriates $100 thousand from the general fund to the New Mexico Institute of Mining and Technology to provide training in computational methods in science, math, engineering and technology to students and to prepare teachers to use computational science techniques in their classroom.

FISCAL IMPLICATIONS

The appropriation of $100 thousand contained in this bill is a recurring expense to the general fund. Any unexpended or unencumbered balance remaining at the end of fiscal year 2011 shall revert to the general fund.

SIGNIFICANT ISSUES

The appropriation contained in this bill is planned to be used to support the continued work of the New Mexico Supercomputing Challenge.

This appropriation would be used to support the continued work of the New Mexico Supercomputing Challenge, a program that takes place during the school year in which teams of students complete science projects using high-performance supercomputers. Each team of up to five students and a sponsoring teacher defines and works on a single computational project of its own choosing. The funding is used partly to train teachers to become supercomputing coaches; part is used to sponsor the events. About 350 students participate in the Supercomputing Challenge annually according to information on the program's web page.

PEFORMANCE IMPLICATIONS

Teachers better prepared in computational science techniques can better prepare students for the challenges of college and the 21st Century economy. Students who have had the Supercomputer Challenge experience are particularly prepared to pursue degrees in STEM fields.

PA/svb