LFC Requester:	Mark Valenzuela

AGENCY BILL ANALYSIS
2019 REGULAR SESSION

WITHIN 24 HOURS OF BILL POSTING, EMAIL ANALYSIS TO:

LFC@NMLEGIS.GOV

and

DFA@STATE.NM.US

{Include the bill no. in the email subject line, e.g., HB2, and only attach one bill analysis and related documentation per email message}

SECTION I: GENERAL INFORMATION
{Indicate if analysis is on an original bill, amendment, substitute or a correction of a previous bill}

Check all that apply:
Original X **Amendment** ____
Correction ___ **Substitute** ____

Date 1/18/19
Bill No: HB114

Sponsor: Kelly K. Fajardo
Short Title: NM TECH SUPERCOMPUTING CHALLENGE PROGRAM

Agency Code: 924
Person Writing Daniel Manzano
Phone: 505-670-3820 **Email** Daniel.Manzano@state.nm.us

SECTION II: FISCAL IMPACT

APPROPRIATION (dollars in thousands)

Appropriation		Recurring or Nonrecurring	Fund Affected
FY19	**FY20**		
NFI	$200.0	Recurring	General

(Parenthesis ( ) Indicate Expenditure Decreases)

REVENUE (dollars in thousands)

Estimated Revenue			Recurring or Nonrecurring	Fund Affected
FY19	**FY20**	**FY21**		
NFI	NFI	NFI		

(Parenthesis ( ) Indicate Expenditure Decreases)

ESTIMATED ADDITIONAL OPERATING BUDGET IMPACT (dollars in thousands)

	FY19	FY20	FY21	3 Year Total Cost	Recurring or Nonrecurring	Fund Affected
Total	NFI	NFI	NFI			

(Parenthesis ( ) Indicate Expenditure Decreases)

SECTION III: NARRATIVE

BILL SUMMARY

Synopsis: HB114 makes a recurring appropriation to the Board of Regents of the New Mexico Institute of Mining and Technology to support the Supercomputing Challenge Program.

FISCAL IMPLICATIONS

HB114 appropriates $200.0 beginning FY20 and extends into subsequent FY's. Any unexpended or unencumbered balance remaining of the appropriation at the end of the fiscal year will **not** revert to the general fund.

SIGNIFICANT ISSUES

HB114 does not specify how the funds will be allocated by the Board of Regents at NM Tech in support of the Supercomputing Challenge Program. No accountability standards or outcome measures are specified in HB114.

PERFORMANCE IMPLICATIONS

None noted.

ADMINISTRATIVE IMPLICATIONS

None noted.

CONFLICT, DUPLICATION, COMPANIONSHIP, RELATIONSHIP

Consideration might need to be made regarding the possibility that this bill would jeopardize the anti-donation clause.

TECHNICAL ISSUES

None noted.

OTHER SUBSTANTIVE ISSUES

The Supercomputing Challenge[1] strives to be a nationally recognized program that promotes critical thinking and project-based learning in science and engineering, and also introduces

[1] https://supercomputingchallenge.org

students to computational science. The Supercomputing Challenge teaches students and teachers how to use supercomputers, learn programming languages, how to analyze data, and write reports.

The Supercomputing Challenge is open to all interested students in grades 6 through 12 on a non-selective basis. The program has no grade point, class enrollment or computer experience prerequisites. Participants come from public, private, parochial, and home-based schools in all areas of New Mexico.

The Supercomputing Challenge is entering its 30th year in fall 2019. It was conceived in 1990 by former Los Alamos Laboratory Director Sig Hecker and Tom Thornhill, president of New Mexico Technet Inc., a nonprofit company that in 1985 set up a computer network to link the state's national laboratories, universities, state government and some private companies. Senator Pete Domenici and John Rollwagen, then chairman and chief executive officer of Cray Research Inc., added their support.[2] Based upon available information, The Supercomputing Challenge may be operating in a financially sustainable manner without this appropriation.

ALTERNATIVES

None proposed.

WHAT WILL BE THE CONSEQUENCES OF NOT ENACTING THIS BILL

The Supercomputing Challenge will continue to be conducted without legislative support.

AMENDMENTS

None as of January 18, 2019.

[2] https://supercomputingchallenge.org/18-19/about.html