

FISCAL YEAR 2020 SCIENCE & ENERGY APPROPRIATIONS REQUESTS
TRIBAL COLLEGES AND UNIVERSITIES



Appropriations Bill: ENERGY AND WATER DEVELOPMENT

Department of Energy

Agency: National Nuclear Security Administration (NNSA)

AUTHORIZATION/TCU PROGRAM	FY 2018 ENACTED	FY 2019 ENACTED	FY 2020 AIHEC REQUEST
DoE—National Nuclear Security Administration (NNSA) Minority Serving Institutions Partnership Program (MSIPP)			
MSIPP Initiative (includes TCU program)	Total: \$19,832,000 TCU Grant: \$2M	Total: \$20,000,000 TCU Grant: \$2 M	\$3,000,000 from existing funds
<p>Advanced Manufacturing Network Initiative: Now in its third year, the AIHEC/TCU Advanced Manufacturing Network Initiative is an innovative advanced manufacturing training and education program involving five TCUs that prepares an American Indian advanced manufacturing workforce—through certificate and 4-year degree programs—and is creating reservation-based economic and employment opportunities through design, manufacture, and marketing of high-quality products in partnership, with tribes, major industry, and the National Laboratories. Full funding of the project will allow AIHEC to engage more TCUs as well as National Laboratory and industry partners, establishing a technically skilled workforce and manufacturing base in Indian Country prepared to support the engineering and technology needs of the nation.</p> <p>Report Language Request: We request report language in the FY2020 Energy and Water Development, and Related Agencies, Appropriations bill designating \$3 million of the funds appropriated for the Department of Energy, National Nuclear Security Administration (NNSA) Minority Serving Institutions Partnership Program (MSIPP), specifically for the Tribal Colleges and Universities Initiative.</p>			

Appropriations Bill: COMMERCE, JUSTICE, SCIENCE and RELATED AGENCIES

National Science Foundation

Directorate: Education and Human Resources (EHR)

AUTHORIZATION/TCU PROGRAM	FY 2018 ENACTED	FY 2019 ENACTED	FY 2020 AIHEC REQUEST
NSF—Education and Human Resources (EHR)			
NSF-TCUP	\$14,000,000	\$15,000,000	\$16,000,000
<p>Justification: In FY2012, NSF awarded \$5.1 billion in science and engineering (SE) funding to the nation's institutions of higher education. TCUs received \$9.7 million, or less than one-fifth of one percent of this funding. Although this program is indicated as TCU-specific, mainstream institutions that are considered Alaska Native and Hawaiian serving are eligible to compete and receive funding under this program, thereby further reducing TCUs' chances for accessing these funds. This disproportionate distribution trend has yet to be recognized and addressed. Since FY2001, modest funding has been allocated to the TCU initiative administered under the NSF-EHR. This competitive grants program enables TCUs to enhance the quality of their STEM instructional, research, and outreach programs. TCUs that have been awarded an NSF-TCUP grant are expected to complete a comprehensive program needs analysis and to develop a plan for addressing both their institutional and NSF goals, with a primary goal being significant and sustainable expansion and improvements to STEM programs. Through NSF-TCUP, tribal colleges have been able to establish and maintain programs that represent a key component of the career pipeline for the American Indian/Alaska Native STEM workforce.</p>			