



UNITED STATES DEPARTMENT OF EDUCATION
OFFICE OF LEGISLATION AND CONGRESSIONAL AFFAIRS

Reference Grant Award Number: #P031S200258
NEVADA

COLLEGE OF SOUTHERN NEVADA has been selected to receive funding under the DEVELOPING HISPANIC-SERVING INSTITUTIONS PROGRAM (84.031S). This grant will be in the amount of \$600,000.00 for the first budget period (10/01/2020 through 09/30/2021). It is anticipated that the grant will be for a total of 5 year(s). Please see the attached abstract for a brief description of the activities that will be funded under this grant.

The contact at the COLLEGE OF SOUTHERN NEVADA is:

SERGIO GUZMAN
COLLEGE OF SOUTHERN NEVADA
6375 WEST CHARLESTON BOULEVARD
LAS VEGAS, NV 89146
(702) 651-4829

Purpose of the Program DEVELOPING HISPANIC-SERVING INSTITUTIONS

The Hispanic-Serving Institutions (HSI) Program provides grants to assist HSIs to expand educational opportunities for, and improve the attainment of, Hispanic students. The HSI Program grants also enable HSIs to expand and enhance their academic offerings, program quality, and institutional stability.

ABSTRACT

As the largest and most ethnically diverse institution within the Nevada System of Higher Education, and as the first Hispanic-Serving Institution (HSI) in the State, the College of Southern Nevada (CSN) is ideally placed to create paths to postsecondary degree success for large numbers of Hispanic students, and potentially for all students at the College, through CSN's *El Mapa Matemático/Math Map*. *Mapa* guides students over the biggest hurdle to degree completion—college-level math courses—by integrating the College's efforts at four milestones on the student's journey: placement, support, instruction, and pre-graduation.

CSN mined Department of Education resources on developmental math reforms and best practices at other HSIs to synthesize a Math Map for every aspect of a student's experience before and during Math courses. *Mapa* activities also incorporate all STEM Pathway Strategies suggested in *Excelencia in Education*, What Works for Latino Students in STEM:

Placement: *Mapa* Navigators and Math Faculty develop a holistic tool to accurately place a student in a Math course;

Support: *Mapa* Navigators coordinate academic counseling and non-academic referrals (e.g. immigration services, access to basic needs, food pantries) from day one to graduation day;

Instruction: Math Faculty implement Math teaching techniques based on ongoing professional development; peer Math Aides and Math Faculty implement curricula in *Mapa* classrooms that have been renovated to enhance active learning; and

Pre-Graduation: *Mapa* students present at *La Cumbre Matemático/a* Math Summit, sharing their research and collaborative workforce skills with industry and community leaders.

Mapa innovates by navigating students from the base of accurate math course enrollment to the summit of graduation. Because over 30,000 students attend CSN over three campuses, *Mapa* can lead HSIs in assessing this integrated path using such five-year outcomes as:

- *Mapa* holistic placement tool is used to more accurately place 50% of new Hispanic students in math courses.
- 25% of Hispanic students, placed into a *Mapa* co-requisite Math course (*Mapa* co-req), complete the course, compared to 18% of their peers in a traditional co-req.
- 25% of Hispanic students, attending 10+ hours of tutoring in a *Mapa* co-req, pass with a C or higher, compared to 18% of their peers in a traditional co-req.
- 25% of Hispanic students, placed into a *Mapa* co-req, graduate or transfer to a 4-year institution.

The total amount of Title V funding requested is **\$2,889,572**. Cost breakdown is as follows: Personnel/Fringe Benefits - \$1,608,906 (69.5%); Travel - \$189,600 (6.5%); Technology/Equipment - \$179,250 (6%); Supplies - \$266,365 (9%); Contractual (Summit guest speakers) - \$105,000 (4%) Construction - \$48,000 (2%); and Other (Registrations for Professional Development) - \$93,000 (3%).

Contact person: Clarissa Cota, Vice President/Provost - CSN North Las Vegas Campus/HSI Task Force Chair, clarissa.cota@csn.edu, 702-651-5600.