

A Sample of Research

College of Southern Nevada

June 2018



www.csn.edu

Brief Overview

- ***Internal CSN Research*** to Increase Student Success & Solve Problems
- ***External Research*** Conducted by Faculty and Students to Impact Southern Nevada





Internal Research at CSN

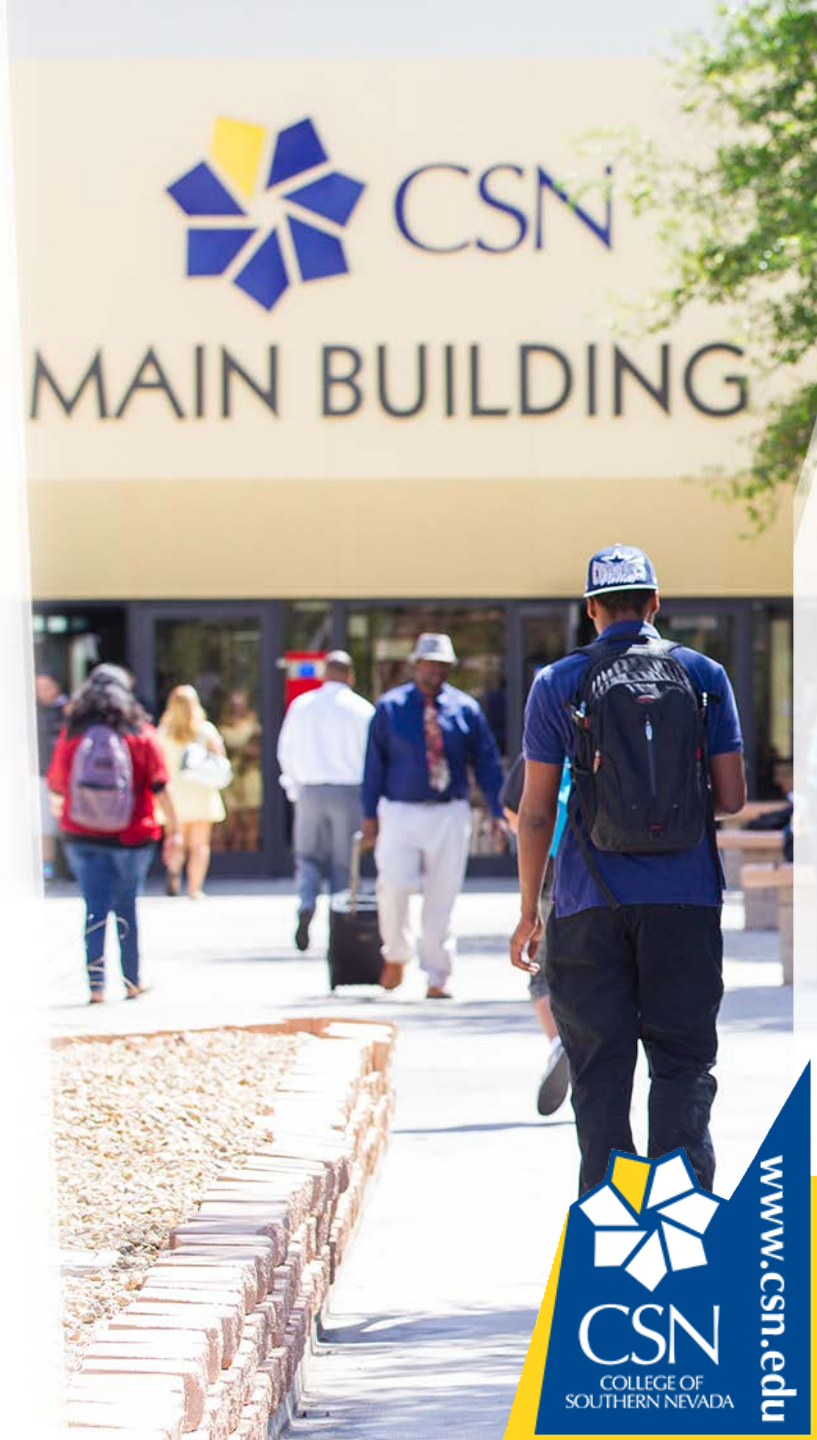
Research to Increase Student Success at CSN

- ***Achieving the Dream Research Model***
 - Year 1: Data Collection & Analysis (research)
 - Year 2: Intervention Implementation
 - Year 3: Assessment of Interventions
 - Continuous Improvement
 - Plan for Scale Up

Research & Intervention on Student Persistence

Persistence

- Learned through qualitative & quantitative research that persistence increases for students of all backgrounds if *intrusive advising* and *college orientation* were required prior to first-time enrollment.
- *First Steps Program* developed
- Key Performance Indicators for Assessment
 - Term-to-term Persistence--Increased
 - Enrollment in Math & English in First Year--Increased
 - Number of Units/Courses Passed--Increased
 - Degree/Certificate Completion--Increased
 - Disaggregated by Ethnicity & Pell—Increased for all Groups



Research & Intervention on Course Completion

Course Completion

- Student Lingo Implementation (at scale)
- Assessment Results (NAMM)
- H.E.L.S. Courses
 - Faculty Focused on Redesigning Courses & Pedagogy
 - Pre Req. Course Reviews
 - Supplemental Instruction Implementation
- Go To Knowledge Workshops
- Midterm Grade Reporting--Compass

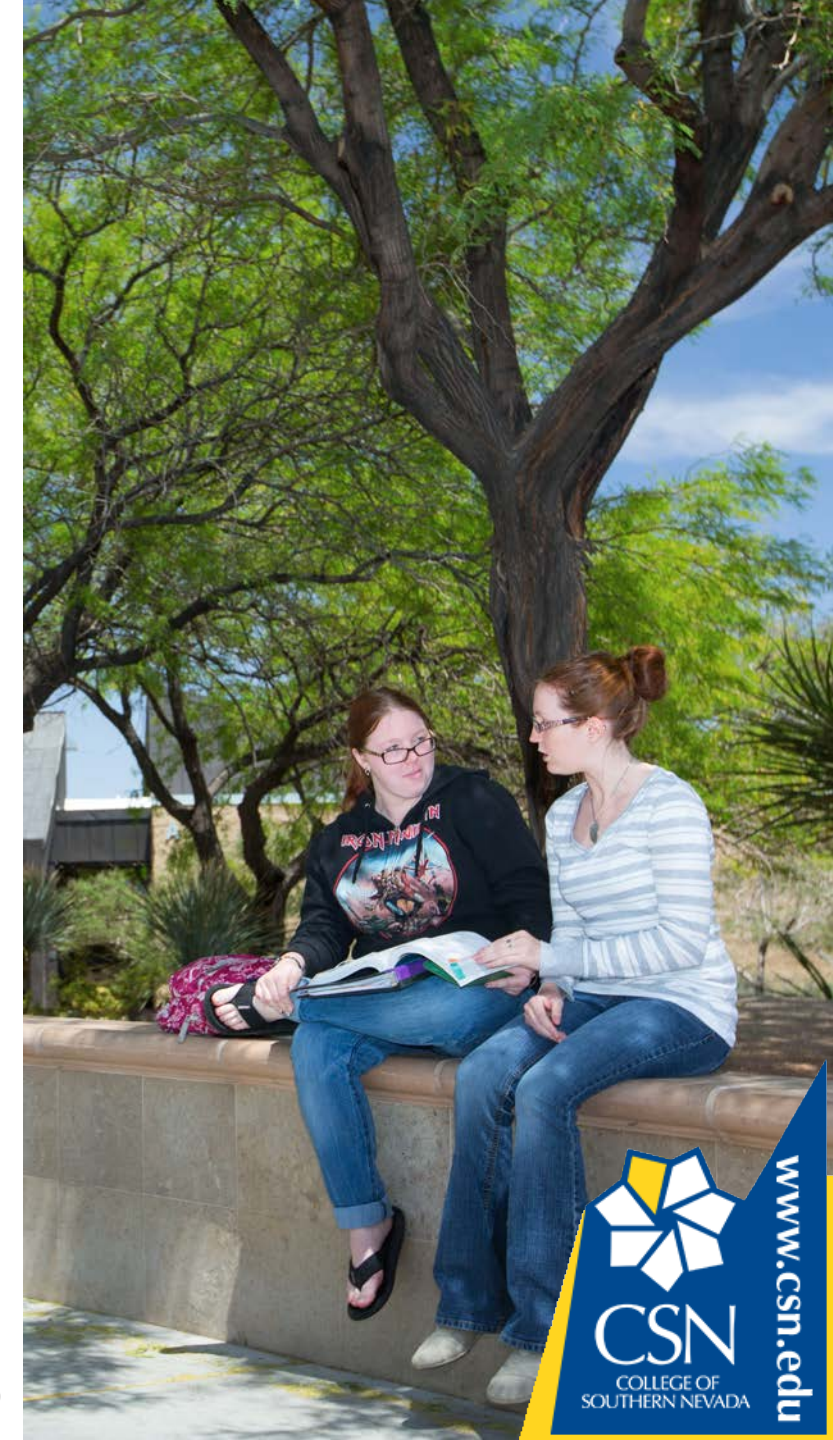


External Research at CSN

- **Research From Science & Math Faculty/Students**
- **Goal to Increase *Hands on Training* for Students**
- **Goal to Contribute to Body of Research in S. NV**
- **Several Grants Received to Conduct Faculty/Student Research at CSN**

External Research at CSN

- Research on *THC in the Water* of the Las Vegas Wash
- Research on *Chemicals in Collected Rainwater* in Las Vegas
- Study on *Chemicals Found in Gluten Food*
- Study the *Caves of the Yucatan* in Mexico



CSN
COLLEGE OF
SOUTHERN NEVADA

www.csn.edu

2018-2019 *External* Research Plans

***External* Research Planned**

- **Submit a grant from the National Science Foundation**
 - **Support for a CSN Research Education Unit**
- **Develop additional research opportunities for students/faculty in other disciplines at CSN**
- **Submit a grant to support a Research Mini Grant Pool Program**



2018-2019 *Internal* Research Plans

- ***Internal* Research Planned**
 - **Study *Guided Pathways* for Student Success at CSN**
 - **Study *Outcomes of Prison Education* in Southern Nevada**
 - **Study *Outcomes of Nevada Promise Program* in Southern Nevada**



Research at CSN

Questions?

