College of Southern Nevada

Metrics Update

Nevada System of Higher Education
Board of Regents Presentation

December 5, 2019
NSHE Goals Driving CSN’s Strategic Objectives

1. STUDENT ACCESS & ENGAGEMENT (NSHE #1 & #2)
   • Climate and opportunities for connection

2. STUDENT SUCCESS (NSHE #2 & #3)
   • Completion and Closing the Achievement Gaps

3. WORKFORCE & COMMUNITY (NSHE #2 & #4)
   • Align instructional programs to address skill gaps and produce world class technicians in demand occupations to support economic prosperity in the region

4. PERFORMANCE & QUALITY (NSHE #2 & #5)
   • Provide students and faculty with research opportunities
CSN Access – The Facts

- Access = CSN's Fourth Consecutive Year of Growth
  - 50,491 annual unduplicated credit enrollments
  - 14,000 noncredit enrollments
  - 60,000 unique students per year

- Access = Fall 2019 35,822 Unduplicated Headcount & 19,534 FTE

- Access = Economic Assistance
  - 55% IPEDS FT/PT cohort are Pell-eligible
  - $72M of financial aid to over 16,000 students in 2018-19

- Access = Completions with 5,200 degrees and certificates awarded in 2018-19
CSN Access - The Facts

- Average age of a CSN student is 25
- 327 international students attend CSN
- 62% of the entire student body are minority students, making CSN a minority-serving institution
- 71% of CSN students attend part time
- 46% of students take at least 1 online class
- 61 CSN High School students earned a degree before HS diploma in 2019
- Adult Literacy/GED – 1389 enrollments annually
- ESL – 2340 enrollments annually
Clark County Post-Secondary Education Pipeline

<table>
<thead>
<tr>
<th>Age Group Sub-Population</th>
<th>2017 Clark County (n=2.1M)</th>
<th>CSN 2018-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-24</td>
<td>183,816</td>
<td>26,304 (14.3%)</td>
</tr>
<tr>
<td>25+</td>
<td>1,428,870</td>
<td>19,331 (1.4%)</td>
</tr>
</tbody>
</table>

2018 CCSD Graduates

| 2018 CCSD Graduates | 21,129 | 4,695 (22.2%, increase of 0.6 percentage points from previous year) |

Sources: US Census American Community Survey, 2017; CCSD
Access – What Works? Promoting a College-Going Culture

Increasing the Dual/Concurrent Enrollment Pipeline
Fall 2019 - Annual Growth from 2,400 to 4,400

- **Early College Program**
  Associate degree completion while in high school

- **CTE Career Academies**
  Stackable Credential of Value

- **Jumpstart Concurrent Enrollment Program**
  Core 15 General Education

- **College Readiness Program**
  Math/English/Academic & Life Success
Access – What Works?
Promoting a College-Going Culture

Promise Program

- **29,514** high school seniors completed CSN Promise applications since inception
- **9,964** applications received for 2020
- **1,031** Promise students awarded since inception
Access – What Works?
Second Chance Systems

Prison Education Program

- **468** college credits and **254** employment certification credits awarded to date

- **100** hours of pre-apprenticeship preparation completed

- **91%** of the first two cohorts (2017-2018 & 2018-2019) released from prison

- **20%** of those released employed or continuing post-secondary education
CSN Student Success Metrics

CSN GRADUATION RATES expected to double from 7% in 2016 to 14% in 2021
TRANSFER RATE expected to increase from 15% in 2016 to 26% in 2021
STUDENT SUCCESS ASPEN RATE expected to increase from 22% in 2016 to 40% in 2021
NSHE 2025 CSN STUDENT SUCCESS ASPEN TARGET is 49.5%

CSN STUDENT SUCCESS STRATEGIES

• 350-to-1 Advisor Ratio
• Co-Requisite Courses
• Areas of Study - Pathways
• College Readiness
• Multi-Campus
• Increase PT to FT Engagement
• Non-Credit to Credit Pathways
## CSN’s Improving IPEDS Student Success Aspen Rate

<table>
<thead>
<tr>
<th>Report Year</th>
<th>Aspen Rate</th>
<th>Transfers</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021*</td>
<td></td>
<td></td>
<td>14% 26%</td>
</tr>
<tr>
<td>2020*</td>
<td></td>
<td></td>
<td>12% 24%</td>
</tr>
<tr>
<td>2019*</td>
<td></td>
<td></td>
<td>10% 22%</td>
</tr>
<tr>
<td>2018</td>
<td></td>
<td>9%</td>
<td>18% 27%</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td>9%</td>
<td>21% 29%</td>
</tr>
<tr>
<td>2016</td>
<td>7%</td>
<td>15%</td>
<td>22% 22%</td>
</tr>
</tbody>
</table>

*Actual, not-yet-reported rates for 2-yr students

Mean Aspen rates of peer institutions, 2017

(BOARD OF REGENTS 12/05/19 & 12/06/19) Ref. BOR-14, Page 12 of 43
Current IPEDS Peer Graduation and Transfer Rates

Source: 2017 IPEDS Data System – currently available
Full-Time Enrollment = Greater Persistence & Student Success

Lead Indicators

Full-time, IPEDS Students

Part-time, IPEDS Students

Fall-to-Spring Persistence (%)  Fall-to-Fall Persistence (%)  ⋯⋯ Cohort (N)

2014  2015  2016  2017  2018

0%  10%  20%  30%  40%  50%  60%  70%  80%  90%  100%
Pell & Non-Pell Persistence

First Term Course Success at C- or Better

- Non-Financial Aid: 68.4%
- Non-Pell Eligible: 77.2%
- Pell Eligible: 67.1%

Fall-to-Spring Persistence

- Non-Financial Aid: 66.9%
- Non-Pell Eligible: 81.1%
- Pell Eligible: 78.6%

(BOARD OF REGENTS 12/05/19 & 12/06/19) Ref. BOR-14, Page 16 of 43
Student Success Via Multi-Campus District Model

**Fundamental Elements**
- Consistent student experience
- Community engagement
- Enrollment management

**“Students First” Design**
- Responsiveness to students, teaching and learning
- Responsiveness to community economic and workforce development
- Supporting designing of schedules for student completion

**Guiding Principles**
- Cost neutral plan
- Avoid duplication of executive level positions
- Align executive level positions with multi-campus structure
- Transparency
- Inclusive
- Opportunities for growth and professional development
Multi-Campus & Online Distribution

Students are counted once per campus attended; therefore, counts are duplicated.
Student Success – AY 2019 Academic Advising & Student Engagement

- Mandatory pre-enrollment advising for all First Time in College (FTIC) students

- More than 4,000 FTIC students assigned to an academic advisor based on their area of study/major

- Student advising syllabus created and issued

- Education plans are being developed for all students

- Web advising option created for distance education students

- Professional development certification program created for academic advisors (launches in 2020)
Testimonial

CSN Promise Program Student

(BOARD OF REGENTS 12/05/19 & 12/06/19) Ref. BOR-14, Page 20 of 43
Testimonial

CSN Promise Program Student
Student Success in Action
2018-2019 Athletics

- 132 athletes in 6 sports
- 78% course success rate
- 84% five-year average academic success rate
- 80% of the students are from the state of Nevada
- 38% are first-generation college students
- 77% completed FAFSA
- 23 average number of credits earned
- 22 NJCAA Academic All-American awards
- 45 SWAC All-Academic awards
Closing the Achievement Gap
Closing Achievement Gaps via Advising by Fall 2019

- CSN has achieved 58% of its goal toward securing 84 academic advisors for degree-seeking students
- Fall 2019 advising ratio — 652:1
- First Time in College (FTIC) students—350:1
- NSHE-established ratio goal for all students by 2023-2024 — 350:1
- 28 Advisors still needed by 2023-2024
CSN Reflecting Our Diverse Community

CSN 2018-19

CCSD 2018-19

Clark County 2017

Nevada 2017

- Hispanic
- Asian
- Black/African American
- White
- Other
Aspen Rate Trending Upward for Hispanic and African American Cohorts

*Actual, not-yet-reported rates for 2-yr students*
Student Success Barriers/Strategies
2018-2019 IPEDS Cohort

Barriers

➢ 44% enrolled part-time
➢ 65% persist to Spring
➢ 55% Pell-eligible
➢ 71% FTIC did not complete college-level math and English within their first year
➢ 4% college-ready in math & English
➢ 31% minority Faculty/Staff

Strategies

➢ Finish in 2
➢ Guided Pathways
➢ Reduced Student/Advisor Ratio
➢ Nevada Promise/CSN Foundation Scholarships
➢ Improving College Readiness Pipeline
➢ Increasing Faculty/Staff Diversity
Closing Gaps in CSN's Under-represented Populations

- 218 students served
  - First-Generation
  - Low Income
  - Disabled

- 94% fall-fall persistence rate

- 40% graduation rate (n=46)
Closing Gaps
Nevada Promise – 2019 Summer Bridge

Gateway English
- 147 students enrolled
- 136 passed with a C or better
- 92.5% rate of completion

Pre & Post Math Placement
- 55.7% of participants moved at least one math level up

Total Minority Percentages
- 4% Asian
- 11% Black or African American
- 30% Hispanic
- 1% Native Hawaiian or other Pacific Islander
- 13% White
- 39% 2 or more races
- 2% Unknown
Closing Gaps: National Recognition

- Achieving the Dream Leader College of Distinction
- Lumina Foundation Talent Hub Designation
- Complete College America Metro Momentum Pathways Designation
LVGEA Business/Industry Survey Results:

**Top four growth industries**
1. Gaming, Tourism, and Conventions
2. Destination Healthcare and Medical Services
3. Emerging Technology
4. Logistics, Manufacturing, and Supply Chain Management

**Most important facet for job growth = Improved workforce**

*SOURCE: LVGEA 2018 LV Perspective Community Survey*
Preparing a Certified World-Class Workforce

- 50 specialized accreditations attesting to program quality
- Nationally ranked culinary program
- National Center for Excellence in Cybersecurity
- 2 Law Enforcement Training Academies (LETA) each year
- 2,000 regional firefighter recruitments in 2 fire and rescue academies & the only test site for Candidate Physical Ability (CPAT) in the State of Nevada
- 1,400 apprenticeship students per year
- 4 IT Academies – Cisco, VM, Microsoft Imagine and Oracle
- 1/3 of Southern Nevada’s nurses trained at CSN
Forging Guided Pathways
Via Centers of Excellence

- **Industry Sectors**
  - Manufacturing
  - Health Care
  - Cyber/IT
  - Skills Trades
    - Construction
    - Logistics

- **P3 Centers of Excellence**
  - HVAC
  - Cyber/IT
  - Health Care
  - Manufacturing
Addressing Acute Health Care Needs

- 73,283 sq. ft. academic/student support facility shared by CSN & NSC

- Will serve 1,865 additional biology students and 116 additional health science students at Henderson campus

- Will represent 5 Health Sciences programs – Nursing Assistant, Practical Nursing, Medical Assisting, Phlebotomy and Medical Lab Technology
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 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
2019-2020 Internal Research Plans

- Guided Pathways for Student Success at CSN
- Outcomes of Prison Education in Southern Nevada
- Outcomes of Nevada Promise Program in Southern Nevada
- NWCCU Academy on Retention, Completion & Student Success
Undergraduate Research at CSN

- Chemicals in collected rainwater in Las Vegas
- Chemicals found in gluten-free food
- Caves of the Yucatan in Mexico
- Fecal coliform and fungi/mold in soft-serve ice cream
- Postglacial Holocene and Pluvial Lakes in Central Mojave Desert
- Discovery and isolation of bacteriophages
Office of Sponsored Projects

- **Carl D. Perkins Basic Grant:** $1,838,620.03

- **Nevada IDeA Network for Biological Research Excellence (INBRE) Grant:** $160,819

- **The Governor’s Office of Science, Innovation and Technology (OSIT) Grant:** $1,000,000

- **Adult Education and Family Literacy Act (AEFLA) Grant:** $1,721,053.57

- **Lumina Talent Hub Grant (NSHE shared):** $200,000

- **Complete College America Momentum Pathways Grant (NSHE shared):** $409,500

- **Nevada Accelerated Career Education for Adults (NV-ACE):** $300,000

**OVER $5.6M IN FUNDING**
CSN Foundation

- **Doubled** philanthropic commitments to $2,059,109 in FY19 from $1,20,991 in FY18
- Created new funds focused on **graduation and completion**
  - CSN High School Scholarship Fund
  - Last Semester Scholarship
- Launched **CSN Impact** radio program on KNPR, sharing donor and alumni stories