

NSHE University and State College Workforce Development Initiatives

Presented to the Board of Regents' Workforce Committee

June 10, 2022

Workforce Development at UNLV

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Executive Vice President and Provost

Board of Regents Quarterly Meeting

June 9, 2022

The UNLV logo is displayed in a large, white, serif font. The letters are bold and closely spaced, with the 'U' and 'N' being particularly prominent. The logo is centered horizontally and positioned below the meeting information.

UNLV Vision: Improving the lives of our diverse students and transforming our communities through education and engagement

- Workforce Development Strategic Plan:
 - Offer high-demand degree and certificate programs for the 21st century economy
 - Integrate workforce readiness into all academic programs
 - Promote active student participation in career planning through a lifecycle approach

High-Demand, 21st Century Programs

- **Education**
 - K-12, Educational Psychology, Educational Technology, Educational Leadership, School Counseling
- **Information, Communication, & Computer Technologies**
 - Engineering, Computer Science, Cybersecurity, Data Analytics, Application Development, AI & Machine Learning, Big Data
- **Healthcare Services**
 - Medical, Dental, Nursing Schools, Physical & Occupational Therapy, Public Health, Mental Health, Clinical Psychology, Counseling
- **Transportation and Engineering**
 - Engineering, Construction Management
- **Hospitality, Management, and Financial Services**
 - Hospitality, Business, Finance, Accounting
- **Creative Industries**
 - Architecture, Entertainment Engineering, Fine & Performing Arts

Every Degree Contributes: 5977



Integration of Workforce Readiness into Academic Programs

- Adoption of career competencies into course learning outcomes
 - Communication
 - Critical Thinking & Problem Solving
 - Cultural Intelligence
 - Emotional Intelligence
 - Leadership
 - Professionalism
- Strategic alignment of high-demand micro-credentials and academic programs to meet workforce demand
- “Faculty Development for Career Readiness” training
- Career Services will soon move into the Academic Affairs division to improve curricular integration

Student Agency: Career Development through a Lifecycle Approach

- Active student participation in paving their own career path from the start of their academic career
- Multimodal opportunities for growth and development of innovation, entrepreneurship, and leadership skills
- Resources for undergraduate, graduate, and professional students:
 - Digital career toolkit
 - Life design badges
 - Career fairs
 - *Handshake* portal for internship and employment opportunities
 - Peer career coaching and professional mentoring
 - Individual services for resumes, interviewing, LinkedIn profiles, etc.
 - *Grad Academy* to support professional development and progression to graduate programs

Applied Experiences for Graduating Students

- Real-world experience for students about to enter the workforce
- Community partnerships for internships and employment pipelines
- Examples:
 - College of Engineering semi-annual Senior Design Competition
 - President's Innovation Challenge



Career Outcomes and Economic Impact

- Over 150,000 total degrees conferred
- Over two-thirds remain in Nevada and contribute to the state economy
- Employment data
 - 91% agreed that UNLV gave them the knowledge and skills needed for their careers
 - 72% of those entering a full-time job stated that it was related to their major
- Social mobility!
 - Top 15% of institutions for social mobility
 - UNLV degrees lead to meaningful employment and career pathways that change lives through upward social and economic mobility

UNLV

Thank you very much for
your support.



Chris Heavey



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CAMPUS TO CAREERS

The University's workforce development: Creating jobs and Nevada's future



University of Nevada, Reno

CAMPUS TO CAREERS

Accounting
Business
Health
Arts
Music
Social Sciences
Nursing
Social Work
Engineering
Mining
Agriculture
Environmental
Sciences
STEM
Journalism
Education
Natural Resource
Management

129 undergraduate programs

137 graduate programs



University of Nevada, Reno



STEM

"We rely on University of Nevada, Reno graduates and the exceptional skills they bring to the project. We're grateful to have the University as a source for talent and teammates going forward."

Tim Crowley '92

VP, Government and Community Relations | Lithium Nevada Corp

"We currently have 12 University of Nevada, Reno Alumni on staff. All are engineers or scientists, some with MBAs from the University as well. We envision a long-lasting and expanding relationship with the University as we grow and further contribute to our local and national high-tech economy."

Patrick Lowery

VP, Advanced Technology | HORIBA Corporation



University of Nevada, Reno



Panasonic®



abt

stemexpress®
advancing science

HORIBA

REDWOOD
MATERIALS



CHROMALLOY

HAMILTON®



BIOTECHNOLOGY

"Charles River's long-standing partnership with the University of Nevada, Reno has been and will continue to be instrumental in the growth of our Reno site. Students are well prepared to enter the workforce and alumni have been very successful at Charles River."

Rob Stachlewitz, Ph.D., DABT
Corporate Vice President | Charles River



EDUCATION AND HEALTH

"We can count on our partnership with the College of Education & Human Development at the University to produce quality educators who are well-prepared for the K-12 classroom. Our partnership is an important factor in providing the world-class education our community and students deserve."

Debra Biersdorff, Deputy Superintendent
Washoe County School District

"Renown shares a partnership with the University of Nevada, Reno that is older than our state itself. Today, Renown and the University of Nevada, Reno School of Medicine have created Nevada's first integrated health system ... expanding patient care, research and medical education to improve the health of everyone in Nevada."

Leadership Team
Renown Health



BUSINESS AND JOURNALISM

“The work that the University of Nevada, Reno has done in the field of gaming has helped the gaming industry in a multitude of ways. In providing an academic foundation as well gaming-related research and policy, the University’s contributions have helped make gaming the formidable modern economic force that it is today.”

Sandra Douglass Morgan '99

*Former Nevada Gaming Control Board Chair;
Board of Directors, Caesars Entertainment.*



WORKFORCE OUTCOMES

2021 Academic Year

1,092 Graduate degrees conferred to students enhancing the workforce

3,730 Undergraduate degrees conferred to students joining the workforce

90% of graduates are employed, in the military or grad school within a year after graduating

82% of graduates surveyed reported a positive career path after the first year of graduation

72% of graduates joined the Nevada workforce



University of Nevada, Reno



THANK YOU!



University of Nevada, Reno



NEVADA STATE
COLLEGE

Be bold. Be great. Be State.

Workforce Development

Overview



Workforce Development at Nevada State

- ❑ Supports our mission to “open doors to **career success** and an enhanced quality of life for a diverse population of students” and contribute to “**a better future for all of Nevada.**”
- ❑ Recognizes that for different students – and different career interests – there should be **multiple paths to success.**

We strive to ensure student success – and the fulfillment of workforce needs – by relying on employer engagement and industry data to choose programs and shape the curriculum.

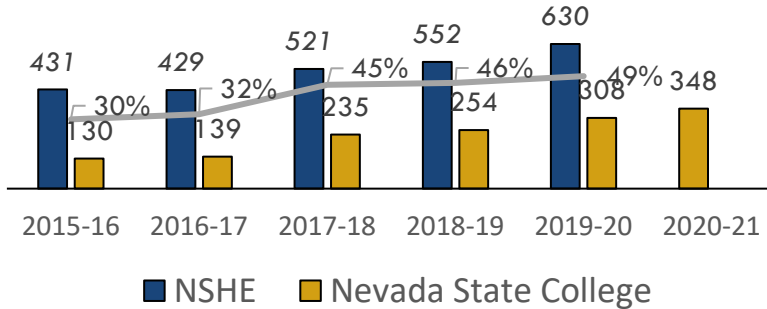


A Historical Perspective

- College founded to address **critical areas of need**.

Bachelor's Degrees in Nursing

Source: NSHE IR



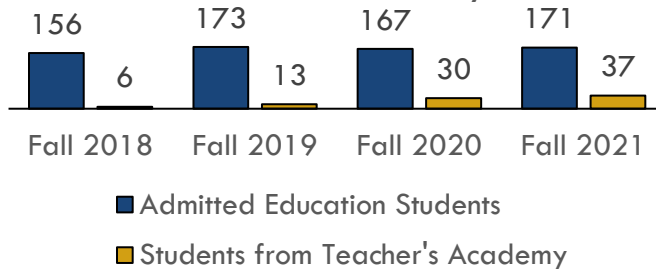
*Percent of total NSHE bachelor's in nursing produced by Nevada State College



A Historical Perspective

- College founded to address **critical areas of need**.

Growth in Enrolled NS Students
from
Teacher Academy



Recent Developments

Our commitment to workforce development extends to the **creation of new programs**.

Our newest program offering – **Data Science** – was strongly influenced by employer demand for people with this skill set.

Workforce needs were the principal driver behind the founding of our **first ever master's degree**, in Speech Language Pathology.

In-demand knowledge and skills also shaped a **major revision** to our Business program, yielding concentrations such as Sports Management.





Looking Ahead

A New Division

Our new Workforce Development Division responds to the idea that many individuals and industries warrant a **different path to career preparation**.

These programs will deliver career-driven knowledge and skills in **flexible and accelerated formats** that lead to a meaningful – and stackable – credential of achievement.

Guided by principles of **access, equity, and inclusion**, the programs in this division focus on individuals who may not be well-positioned to pursue a traditional academic degree.

Agile and short-form learning delivery will allow students to quickly advance in their current occupations or transition to an entirely new career opportunity.



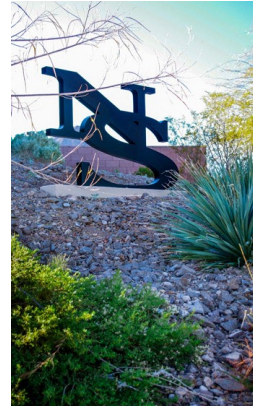
Future Programming

The inaugural program for the new division is a **Leadership Academy** that offers two tracks: the *Leadership Bootcamp* and *Executive Leadership*.

Leadership Bootcamp: 3-month program that emphasizes **fundamental leadership skills** across a variety of career paths.

Executive Leadership: Advanced 3-month program for **more experienced leaders** that helps individuals function at a high level in a post-pandemic environment.

Workforce also will continue to inform other programming, including a **Chemistry degree** that targets key industries and graduate-level proposals for a **Master's of Science in Nursing Administration** and an Education Specialist degree in School Psychology.



Questions?
