UNLV Institutional Metrics
Board of Regents Meeting
December 2016
WHAT DO GREAT PUBLIC, URBAN RESEARCH UNIVERSITIES LOOK LIKE?

• **Student Achievement**
  Great student experiences, creating lifelong alumni ties

• **Research, Scholarship, and Creative Activity**
  Innovation and impact, local and global

• **Academic Health Center**
  Cutting-edge research and top-notch educational and clinical programs

• **Community Partnerships**
  Deep engagement with the community

• **Infrastructure and Shared Governance**
  Faculty and staff take pride in their work, and infrastructure effectively supports goals and operations

A spirit of collaboration and professionalism
THIS IS NO DRESS REHEARSAL,
WE ARE PROFESSIONALS,
& THIS IS THE BIG TIME.
UNLV students are more engaged in student activities and campus life.
TOP TIER STUDENT ACHIEVEMENT GOAL

• 29,000 students - 2nd most diverse campus
• Nearly 75% full-time
• Major reduction in alternate admissions
• Best-prepared freshman class
  • 3.31 average GPA (full-time freshmen)
• Nearly eliminated late admits
STUDENT ACHIEVEMENT

FALL AVERAGE GPA FOR ENTERING FRESHMEN

<table>
<thead>
<tr>
<th>Semester</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2011</td>
<td>3.24</td>
</tr>
<tr>
<td>Fall 2012</td>
<td>3.26</td>
</tr>
<tr>
<td>Fall 2013</td>
<td>3.28</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>3.3</td>
</tr>
<tr>
<td>Fall 2015</td>
<td>3.32</td>
</tr>
<tr>
<td>Fall 2016</td>
<td>3.32</td>
</tr>
</tbody>
</table>
STUDENT ACHIEVEMENT METRICS

Freshmen Retention Rate
85% by 2025
77.1% AY 15-16
74.1% AY 14-15

6-year Graduation Rate
50% by 2025
40.7% AY 15-16
40.5% AY 14-15

Student Satisfaction
84% by 2025
73% AY 15-16
(every three years)

Undergraduate FTE
22,186 by 2025
18,675.8 AY 15-16
17,731.4 AY 14-15

Masters FTE
2,102 by 2025
1,883.6 AY 15-16
1,812.4 14-15

Fall 2016 preliminary data = 1923.1

Updated 10/20/16
Undergraduate Headcount and FTE, Fall 2003 - 2015

[Graph showing Undergraduate Headcount and FTE from 2002 to 2016.]

- Headcount: 18000 - 24000
- FTE: 12000 - 20000

- **UG Headcount Fall 2016 preliminary data = 23,748**
- *UG FTE Fall 2016 preliminary data = 19,908.8*

*Headcount vs. FTE chart*

**NOTES:**
# Student Achievement - Graduation Rates of First-Time, Full-Time, Degree-Seeking Students

<table>
<thead>
<tr>
<th>Entering Term</th>
<th>Cohort Headcount</th>
<th>4 Years</th>
<th>5 Years</th>
<th>6 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2004</td>
<td>3093</td>
<td>13.9%</td>
<td>31.8%</td>
<td>40.8%</td>
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<tr>
<td>Fall 2005</td>
<td>2936</td>
<td>13.7%</td>
<td>31.5%</td>
<td>39.7%</td>
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<tr>
<td>Fall 2006</td>
<td>2527</td>
<td>14.6%</td>
<td>33.6%</td>
<td>41.6%</td>
</tr>
<tr>
<td>Fall 2007</td>
<td>2774</td>
<td>14.7%</td>
<td>33.5%</td>
<td>43.0%</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>3021</td>
<td>14.0%</td>
<td>30.3%</td>
<td>39.2%</td>
</tr>
<tr>
<td>Fall 2009</td>
<td>3078</td>
<td>12.9%</td>
<td>30.5%</td>
<td>40.5%</td>
</tr>
<tr>
<td>Fall 2010</td>
<td>2920</td>
<td>11.7%</td>
<td>29.7%</td>
<td>40.7%</td>
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</table>
# Student Achievement – First Year Retention Rates

<table>
<thead>
<tr>
<th>Entering Term</th>
<th>Cohort Headcount</th>
<th>First Year Retention Rate</th>
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<tbody>
<tr>
<td>Fall 2010</td>
<td>2920</td>
<td>76.4%</td>
</tr>
<tr>
<td>Fall 2011</td>
<td>2701</td>
<td>76.3%</td>
</tr>
<tr>
<td>Fall 2012</td>
<td>2986</td>
<td>77.3%</td>
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<tr>
<td>Fall 2013</td>
<td>3564</td>
<td>76.7%</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>3716</td>
<td>74.1%</td>
</tr>
<tr>
<td>Fall 2015</td>
<td>3658</td>
<td>77.1%</td>
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</table>
# UNLV

## STUDENT ACHIEVEMENT - STUDENT PERFORMANCE

### GRE

<table>
<thead>
<tr>
<th>Year</th>
<th>Test</th>
<th>Fall UNLV</th>
<th>Fall National</th>
<th>Summer UNLV</th>
<th>Summer National</th>
<th>Spring UNLV</th>
<th>Spring National</th>
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</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>Analytical</td>
<td>3.7</td>
<td>3.5</td>
<td>3.8</td>
<td>3.5</td>
<td>3.7</td>
<td>3.5</td>
</tr>
<tr>
<td></td>
<td>Quantitative</td>
<td>148.2</td>
<td>152.5</td>
<td>148.6</td>
<td>152.2</td>
<td>148.4</td>
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</tr>
<tr>
<td></td>
<td>Verbal</td>
<td>151.4</td>
<td>150.2</td>
<td>152.2</td>
<td>150.6</td>
<td>150.9</td>
<td>150.2</td>
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<tr>
<td>2014-15</td>
<td>Analytical</td>
<td>3.7</td>
<td>3.5</td>
<td>3.7</td>
<td>3.5</td>
<td>3.7</td>
<td>3.5</td>
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<tr>
<td></td>
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<tr>
<td></td>
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<td>150.3</td>
<td>150.2</td>
<td>151.1</td>
<td>150.2</td>
</tr>
<tr>
<td>2015-16</td>
<td>Analytical</td>
<td>3.7</td>
<td>3.5</td>
<td>3.8</td>
<td>3.5</td>
<td>3.7</td>
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<td>152.5</td>
<td>149</td>
<td>152.5</td>
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<td>152.5</td>
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<tr>
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<td>Verbal</td>
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<td>151</td>
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<td>150.2</td>
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### UNLV GPAs

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<tr>
<th>Description</th>
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<tr>
<td>New freshmen fall 2016</td>
<td>3.3</td>
</tr>
<tr>
<td>All undergraduates 2015-16</td>
<td>2.8</td>
</tr>
<tr>
<td>Honors students 2015-2016</td>
<td>3.5</td>
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</table>
## Collegiate Assessment of Academic Proficiency (CAAP)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Critical Thinking</th>
<th>Essay Writing</th>
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<tbody>
<tr>
<td></td>
<td>UNLV # Participant</td>
<td>National Score</td>
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<tr>
<td>2013 - 2014</td>
<td>171</td>
<td>62.0</td>
</tr>
<tr>
<td>2014 - 2015</td>
<td>202</td>
<td>62.6</td>
</tr>
<tr>
<td>2015 - 2016</td>
<td>204</td>
<td>63.9</td>
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</table>

## GMAT

<table>
<thead>
<tr>
<th>Year</th>
<th>Summer</th>
<th>Fall</th>
<th>Spring</th>
<th>National</th>
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<tbody>
<tr>
<td>2012-13</td>
<td>546.8</td>
<td>550.3</td>
<td>540.6</td>
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<tr>
<td>2013-14</td>
<td>531.4</td>
<td>551.8</td>
<td>555.8</td>
<td>547.4</td>
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<td>2014-15</td>
<td>544.8</td>
<td>545.9</td>
<td>549.2</td>
<td></td>
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<tr>
<td>2015-16</td>
<td>549.6</td>
<td>555.1</td>
<td>548.2</td>
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</tbody>
</table>
STUDENT ACHIEVEMENT - IMPROVEMENTS

- Block scheduling
- Math Learning Center
- Pathways program
- Mandatory advising
- Academic Success Center
- Honors College
- Military and Veteran Service Center
- Student Success Collaborative (e.g., predictive analytics)
- Scheduling and enrollment optimization
- New student orientation
STUDENT ACHIEVEMENT – IMPROVING RECRUITING

- More aggressive in-state and out-of-state recruiting for top students
- Better and more consistent marketing and communications (e.g., website redesign)
- Integration of colleges into recruiting plans
- Working towards faster, more coordinated financial aid awards
STUDENT ACHIEVEMENT

• Enhancing student preparation and persistence
• Enhancing enrollment projections and recruiting plan
• Balancing student growth with needs for additional services/space
• Incentivizing new high-demand programs (e.g., Physical Therapy, Executive Masters in Health Administration)

Growth with quality
TOP TIER RESEARCH, SCHOLARSHIP AND CREATIVE ACTIVITY GOAL

• Growth in research and economic development
  • research expenditures increased 17% since 2012
  • 3 startups in 2015
  • patents tripled over the last three years
  • proposals increased 2% (FY 2016)
  • awards increased 7% (FY 2016)

• Expansion of Economic Development Office
  • Research Foundation
  • Small Business Development Center
  • Tech Transfer

• Search for Vice President for Research and Economic Development
RESEARCH, SCHOLARSHIP AND CREATIVE ACTIVITY

• Expanded research park
• Market-based GA stipends (PhD) began Spring 2016
• Strategic Centers of Excellence
  • International Gaming Institute (IGI)
  • Nevada Institute of Personalized Medicine (NIPM)
  • National Supercomputer Institute (NSCI)
• Enhanced partnerships with industry
• Collaboration with DRI
  • Postdocs, graduate students, hires, and grants
RESEARCH, SCHOLARSHIP AND CREATIVE ACTIVITY - RESEARCH PARTNERSHIPS*

- Lockheed Martin
- Teledyne Brown Engineering
- Delphi
- 54 Straight
- Caesars Entertainment
- Eli Lilly
- Tetra Tech
- TerraPower, LLC
- Reactive Innovations
- 99th Medical Operations Squadron - US Air Force
- Nevada Center of Excellence
- Erickson
- NBD Nanotechnologies
- NASA
- Sempra U.S. Gas & Power
- NV Energy
- Switch
- Tesla
- Cleveland Clinic
- Altair Engineering
- Kyma Technologies
- Comprehensive Cancer Centers
- Renown Health
- Lazarex Cancer Foundation
- Konami
- Scientific Games
- MGM Grand
- Wynn Resorts
- Mars

*sample listing of partnerships
TOP TIER RESEARCH METRICS

Research Expenditures
$120,000,000/year by 2025
$42,000,000 FY2015
Previous: $40,236,960 (March 2016)

Research Staff
(non-fac. res. staff & postdocs)
120 by 2025
75 res. staff in FY2015
68 res. Staff in FY2014

Research Space
474,162 sq. ft. by 2025
223,709 sq. ft. FY2015*

Space Efficiency
$300/sq. ft. by 2025
$192/sq. ft. FY2015*

Patent Applications
75 filed during FY2025
61 Patents filed in FY2016
47 Patents filed in FY2015

Doctoral Graduates
At least 200/year by AY 2024-25
166 (AY 2015-16)
149 (AY 2014-15)

*biennial data collection
Last Updated 09/01/2016
TOP TIER ACADEMIC HEALTH CENTER GOAL

• UNLV School of Medicine preliminary accreditation, 10/18/16
• Ackerman Center for Autism and Neurodevelopment Solutions
• Clark County Commission approved transfer of nine acres at Shadow Lane
• 80 community agencies will provide preceptorships for UNLV medical students
• Established Health Sciences Deans’ Council
• Developing hospitality-focused curriculum
ACADEMIC HEALTH CENTER
ARCHITECTURAL RENDERINGS
ACADEMIC HEALTH CENTER PROGRAMS

Approved 2015-16:
• Doctor of Medicine
• Executive Master of Health Care Administration
• Master of Healthcare Interior Design

Proposed for approval in the 2016-17 academic year:
• Doctor of Dental Surgery
• Bachelor of Science, Health Sciences
• Oral Biology Doctorate
• Dental Certificate in Public Health

Programs on Academic Master Plan for 2017-19:
• Certificate in Medical & Professional Ethics
• Doctor of Physical Therapy Occupational Therapy
• Master of Science, Speech Pathology & Certificate of Clinical Competence
• Oral and Maxillofacial Surgery degree
• Doctor of Pharmacy degree
ACADEMIC HEALTH CENTER
NEXT STEPS

• Enhance recruitment of students
• Develop master plan
• Create plan for high-impact hires
• Form joint student education programs
• Build the physician pipeline by graduating 60 students per year, increasing to 120 by 2030, while growing residency programs
TOP TIER COMMUNITY PARTNERSHIPS GOAL

• Office of Community Engagement established
• Aligning with Carnegie Community Engagement Classification (CCE)
• $75.3 million in private support was raised in fiscal year 2016
• Host site, in conjunction with LVCVA, for the final presidential debate -- generated tremendous publicity
• Collaboration to develop new programs with CCSD (e.g., Paradise Elementary) and community partners
COMMUNITY PARTNERSHIPS - ATHLETICS

- 119 academic all-conference
- 56 Mountain-West Scholar Athletes
- Marvin Menzies welcomed as new head basketball coach
- Fourth straight Governor's Series title
- Four conference championships from men's and women's golf and tennis teams were the most in one season for the Rebels since 2007-08
COMMUNITY PARTNERSHIPS – CONNECTING WITH THE COMMUNITY

• Nevada Healthy Homes Partnership
• School of Dental Medicine outreach
  • Clint Ferrin Memorial Clinic
• Preprofessional dental and medical programs
• Boyd School of Law collaborations for free educational programs
• Paradise Elementary Partnerships with CCSD
COMMUNITY PARTNERSHIPS – CONNECTING WITH THE COMMUNITY

- Presidential Debate Essay Contest
- Rebel Service Day
- Science Café
- SLICES Program
- Albertson’s Grocery Store – Henderson
- Setting the PACE
COMMUNITY PARTNERSHIPS
FUNDRAISING FY2016 - TOTAL PHILANTHROPY, IN MILLIONS

UNLV University of Houston University of Central Florida Arizona State University

$0 $50 $100 $150 $200 $250

Institution
COMMUNITY PARTNERSHIPS
FUNDRAISING FY 2016 - TOTAL ENDOWMENT, IN MILLIONS

Institution

- UNLV
- University of Houston
- University of Central Florida
- Arizona State University

Endowment in millions:
- UNLV: $200
- University of Houston: $700
- University of Central Florida: $100
- Arizona State University: $600
COMMUNITY PARTNERSHIPS
TOTAL NUMBER OF DONORS vs. TOTAL NUMBER OF ALUMNI
COMMUNITY PARTNERSHIPS
PERCENT OF ALUMNI DONOR PARTICIPATION

<table>
<thead>
<tr>
<th>Institution</th>
<th>UNLV</th>
<th>University of Houston</th>
<th>University of Central Florida</th>
<th>Arizona State University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>0%</td>
<td>7%</td>
<td>2%</td>
<td>4%</td>
</tr>
</tbody>
</table>
TOP TIER INFRASTRUCTURE AND SHARED GOVERNANCE GOAL

- Examining business processes – admissions, financial aid, purchasing, HR, faculty hiring
- Campus climate survey administered
  - 2010
  - 2014
  - COACHE faculty climate survey was administered in spring 2016 - analyzing results
  - 2016 (fall): added intellectual diversity question
INFRASTRUCTURE AND SHARED GOVERNANCE

- Express Employment used in Feb. 2016 to drill down on areas of concern
- Developing ongoing employee hotline via NAVEX
- Developed new free speech policy to protect freedom of expression
INFRASTRUCTURE AND SHARED GOVERNANCE SPACE STUDY

Fall 2013 / FY 2014

FY 2014 NSHE Space Data - Combined Classroom, Class Lab and Study Space

<table>
<thead>
<tr>
<th>Class/Class Lab/ Study Space</th>
<th>Current Deficit</th>
<th>Projected 10 Year Deficit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom Facilities</td>
<td>36,306</td>
<td>15,483</td>
</tr>
<tr>
<td>Class Lab Facilities</td>
<td>-62,515</td>
<td>-100,826</td>
</tr>
<tr>
<td>Study Space Facilities</td>
<td>-84,453</td>
<td>-109,243</td>
</tr>
<tr>
<td>Total Square Footage</td>
<td>-110,662</td>
<td>-194,586</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>CLASSROOMS</td>
<td>CLASS LABS</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>RMCT Number of rooms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AREA Number of square feet of space</td>
<td>200,167</td>
<td>158,619</td>
</tr>
<tr>
<td>contained in the rooms</td>
<td></td>
<td></td>
</tr>
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</table>

INFRASTRUCTURE AND SHARED GOVERNANCE
CLASSROOM AND CLASS LAB SPACE
2015/2016
INFRASTRUCTURE AND SHARED GOVERNANCE IMPROVEMENTS TO CLASSROOM USE

- Distribution goals (% of courses scheduled during peak and other times) have been established for Monday through Saturday
- Friday seat utilization has increased between 5–10% each year for the past three years
- Weekend College will increase classroom usage on Fridays and Saturdays (Fall 2017)
- Registrar’s Office is assessing the viability of overlaying a M-W-F/T-TH pattern atop the current M-W/T-TH scheduling matrix
- Request for one-day-per-week course Monday through Thursday must be “mirrored” by another course
• Focus on improving seat usage within classrooms as well as classroom usage

• Enrollment-Based Optimization: 80% of a course’s enrollment cap must be met before a room is assigned

• Enrollment caps in key courses are raised each fall to account for freshman enrollment growth

• High-demand courses required for graduation are given highest priority during peak hours.

• Associate Deans’ Council: Registrar and Provost personnel meet monthly with college Associate Deans to discuss enrollment management and space utilization
INFRASTRUCTURE AND SHARED GOVERNANCE CAPITAL PROJECTS

- Campus expansion and Master Plan, 42 acres
- Stadium
- Fertitta Football Complex
- Hospitality Hall
- University Park Apartments Project
- University Gateway Project
- Thomas & Mack Center modernization
- New $2.75 million baseball clubhouse

NEXT PROJECTS

- Engineering
- New research facility
- Business School building
UNLV is inclusive and diverse

• Ranked second for Most Diverse Campus Nationally (2015 and 2016)

• Achieved Hispanic-Serving Institution designation (March 2015)

• Received two Title III MSI federal grants totaling $3.25 million (2015 and 2016)

• Included in the Military Times “Best for Vets” 2017 rankings
DIVERSITY

We listen to our community members

- Surveys (Campus Climate, COACHE, external consultants)
- President’s Town Hall following students’ rally in support of Mizzou (November 2015)
- UNLV administrator meetings with student rally leaders (Spring 2016)
DIVERSITY

We act on what we hear

• Enacted a national search for a Cabinet-level Chief Diversity Officer (Fall 2016)
• Formed committee to refresh spirit logo (Fall 2016)
• Requested approval for a new department of Interdisciplinary, Gender, and Ethnic Studies (Fall 2016)
• Established Office of Compliance (July 2015)
• Approved “The Intersection,” an Academic Multicultural Center (Spring 2016)
• Launched multi-year, campus-wide “Strategic Diversity Project” (May 2015)
UNLV ranks among the nation's most diverse universities for undergraduates. UNLV is tied for second.

UNLV ranks 12th nationally for undergraduate yield - the percentage of students accepted who ultimately enroll.

Boyd School of Law ranked fifth on a list of law schools that students want to attend.

- The School's yield (percent accepted who ultimately enroll) ranked above Yale, BYU, Harvard, and Southern U Law Center.
• **Boyd School of Law ranked second** in the nation for legal writing - its highest-ever ranking - and ninth for its dispute resolution program.
  • The school ranked 78th overall, and its part-time program climbed four spots to 18.

• **The Physical Therapy Department jumped more than 40 spots to 79th.**
  • Every student in the 2016 graduating class passed the national board exam on the first try, with two earning perfect scores.

• **The School of Nursing (for the third consecutive year) ranked among the nation's top online graduate nursing programs.**
  • The school's Master of Science in Nursing ranked 13th out of 150 programs.
MORE RANKINGS

• UNLV has one of the nation’s top university supercomputing centers, thanks to a partnership with tech leaders Switch, Intel, and Cisco.
  • An advanced fiber connection between UNLV and Switch – which houses the world-class Intel Cherry Creek supercomputer for UNLV – also places the university among the most tech-connected universities anywhere.

• CEO Magazine named the EMBA program at Lee Business School as a “Tier One” school in its global EMBA category.

• Lee Business School's part-time MBA program climbed 14 spots to 58th in Bloomberg Businessweek's "2015 Best Business Schools" ranking.

• UNLV's MFA in Creative Writing ranks 35th nationally in the most recent rankings provided by the website LitBridge.
UNLV in 2025

School of choice
• 40,000 students
• Higher freshmen retention rates
• Increased graduation rates
• More student engagement
• Greater curricular cohesion

Research and innovation driver
• Furthered economic development and diversification
• Enhanced partnerships with industry, increased grant activity, and more spin-outs
• Strategic multidisciplinary centers
UNLV in 2025

Academic Health Center, including the School of Medicine, established and expanding

- More than 200 new physicians and scientists
- Economic impact of $800 million per year

High community engagement

- Build-out of Office of Community Engagement
- Successful conclusion of the largest Capital Campaign in UNLV’s history

Great campus

- Greatly expanded campus footprint
- A great place to work