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 - 2\textsuperscript{nd} 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>3.24</td>
</tr>
<tr>
<td>Fall 2013</td>
<td>3.26</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>3.28</td>
</tr>
<tr>
<td>Fall 2015</td>
<td>3.3</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 = 19,908.8

Fall 2016 preliminary data = 1923.1

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

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

(BOARD OF REGENTS 12/01/16 & 12/02/16) Ref. BOR-25, Page 8 of 48
# 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>
</tr>
<tr>
<td>Fall 2005</td>
<td>2936</td>
<td>13.7%</td>
<td>31.5%</td>
<td>39.7%</td>
</tr>
<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>
</tr>
</tbody>
</table>
## STUDENT ACHIEVEMENT – FIRST YEAR RETENTION RATES

<table>
<thead>
<tr>
<th>Entering Term</th>
<th>Cohort Headcount</th>
<th>First Year Retention Rate</th>
</tr>
</thead>
<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>
</tr>
<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>
</tr>
</tbody>
</table>
## 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>
</tr>
</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>
<td>152.5</td>
</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>
</tr>
<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>
</tr>
<tr>
<td></td>
<td>Quantitative</td>
<td>148.5</td>
<td>152.5</td>
<td>147.5</td>
<td>152.5</td>
<td>148.7</td>
<td>152.5</td>
</tr>
<tr>
<td></td>
<td>Verbal</td>
<td>150.8</td>
<td>150.2</td>
<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>
<td>3.5</td>
</tr>
<tr>
<td></td>
<td>Quantitative</td>
<td>148</td>
<td>152.5</td>
<td>149</td>
<td>152.5</td>
<td>149</td>
<td>152.5</td>
</tr>
<tr>
<td></td>
<td>Verbal</td>
<td>151</td>
<td>150.2</td>
<td>151</td>
<td>150.2</td>
<td>151</td>
<td>150.2</td>
</tr>
</tbody>
</table>

### UNLV GPAs

<table>
<thead>
<tr>
<th>Category</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<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>
</tr>
</tbody>
</table>
# STUDENT ACHIEVEMENT - STUDENT PERFORMANCE

## Collegiate Assessment of Academic Proficiency (CAAP)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Critical Thinking</th>
<th>Essay Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UNLV</td>
<td>National</td>
</tr>
<tr>
<td>2013 - 2014</td>
<td>171</td>
<td>62.0</td>
</tr>
<tr>
<td></td>
<td>58.0</td>
<td>3.3</td>
</tr>
<tr>
<td>2014 - 2015</td>
<td>202</td>
<td>62.6</td>
</tr>
<tr>
<td></td>
<td>59.8</td>
<td>3.3</td>
</tr>
<tr>
<td>2015 - 2016</td>
<td>204</td>
<td>63.9</td>
</tr>
<tr>
<td></td>
<td>59.7</td>
<td>3.3</td>
</tr>
</tbody>
</table>

## GMAT

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

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)

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

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

*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 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

$m$ million
COMMUNITY PARTNERSHIPS
FUNDRAISING FY 2016 - TOTAL ENDOWMENT, IN MILLIONS

Institution
UNLV
University of Houston
University of Central Florida
Arizona State University
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>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNLV</td>
<td>4</td>
</tr>
<tr>
<td>University of Houston</td>
<td>6</td>
</tr>
<tr>
<td>University of Central Florida</td>
<td>2</td>
</tr>
<tr>
<td>Arizona State University</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>
</tbody>
</table>

(Board of Regents 12/01/16 & 12/02/16) Ref. BOR-25, Page 35 of 48
### INFRASTRUCTURE AND SHARED GOVERNANCE
#### CLASSROOM AND CLASS LAB SPACE
#### 2015/2016

<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>Fall 2015</th>
<th></th>
<th>Fall 2016</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RMCT Number of rooms</td>
<td>202</td>
<td>145</td>
<td>203</td>
<td>144</td>
</tr>
<tr>
<td>AREA Number of square feet of space contained in the rooms</td>
<td>200,167</td>
<td>158,619</td>
<td>200,558</td>
<td>156,352</td>
</tr>
</tbody>
</table>
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