

# TopTier UNLV



## Highlights May 2017

## Research, Scholarship, and Creative Activity

### Research:

- Proposals have increased 14% from FY13 to FY16 (\$203M to \$232M).
- Sponsored program awards have increased 31% from FY12 to FY16 (\$40.7M to \$53.4M).
- Total sponsored program expenditures have increased nearly 15% from FY12 to FY16 (\$42.9M to 49.2M).
- Research expenditures have increased 17% from FY13 to FY16 (\$35.9M to \$42M).
- Forecasted projections for FY17, compared to FY16, include:
  - 30% increase for awards,
  - 10% increase for proposals,
  - 7% increase for total expenditures, and
  - 10% increase in research expenditures.

### Economic Development Office expansion:

- Patents quadrupled over the last four years, with 61 filed in FY16 alone, compared to four filed in FY10.
- Office redesigned to provide a single point of contact when engaging the community on commercialization or economic development issues:
- Research Foundation:
  - Master Developer (Gardner) pressing toward breaking ground on 120,000 square foot building, where UNLV and the community can “rub elbows”; [www.unlvtechpark.com](http://www.unlvtechpark.com) provides additional information and invites possible tenants to engage.
  - 2016 NASA Small Business Industry Award, Agency Mentor Protégé Agreement of the Year, UNLV and Teledyne Brown Engineering.
  - UNLV established a presence at the 2017 Consumer Electronic Show, highlighting research and economic developments on campus, as well as community partnerships.
  - Rob Roy’s INNEVATION Center donated three offices to extend and foster UNLV’s community and economic development outreach.

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- Small Business Development Center:
  - Since FY13, obtained over \$31,000,000 in capital acquired for small businesses.
  - Since FY13, 87 new businesses started.
  - Since FY13, over 600 jobs created.
  - Outreach offices in Henderson, Cooperative Extension, Rob Roy's INNEVATION CENTER, and Urban Chamber.
- Economic Development/Technology Transfer:
  - Total economic development agreements rose from two in FY10 to 75 in FY16.
  - Total invention disclosures rose from three in FY10 to 57 in FY16.
  - Total number of issued patents rose from three in FY10 to five in FY16.
  - Total number of patents filed rose from four in FY10 to 61 in FY16.
  - Over the past two years, four new start-up companies based on UNLV-owned or controlled intellectual property started up.
  - Proposals increased 2% to \$232 million, and awards increased 7% to \$50.7 million.
  - Annual revenue increased from 0 in FY10 to \$252,309 in FY16.
  - Since FY15, Tech Transfer has driven over \$6,900,000 in commercial sponsored research agreements.
  - Established Technology Assessment Committee with community to assist in evaluation of technologies, mentoring, networking, best practices, and driving community based engagement procedures.
- Partnerships with industry continue to be enhanced – some examples:
  - Master commercial sponsored research agreement with Lockheed Martin Space Systems Company to conduct research on the ORION project (mission to Mars);<sup>1</sup>
  - Commercial sponsored research agreement with Teledyne Brown Engineering to provide real world experiences for students at NASA and research on the International Space Station; and
  - E.I. Dupont De Nemours and Company, to study thermophilic microbes.

<sup>1</sup> Scott Jones, Director, Civil Space Supply Chain Management: "The road to Mars goes through Vegas and UNLV."

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- \$3M in new market-based Graduate Assistant stipends—an important step toward being internationally competitive in the recruitment of the best and brightest graduate students from the U.S. and abroad; these increased stipends will also give our graduate students the ability to work over the summer, which in turn will help them graduate in a timely manner.
- Expanded collaborations with Desert Research Institute to leverage faculty research expertise across various NSHE Institutes, provide more mentorship opportunities for graduate students, increase inter-institutional collaboration, and increase our number of postdoctoral fellows.

## Student Achievement

- UNLV is ranked the 2<sup>nd</sup> most diverse campus by *U.S. News & World Report*.
- Enrollment rose 4% with a headcount of 29,702 students.
- Largest incoming freshman class in UNLV history (Fall 2016).
- Best-prepared freshman class in recent years, with an average GPA of 3.31.
- Nearly 75% of students are full-time.
- Major reduction by 81% in alternate admissions to UNLV First-Time Full-Time Freshmen.
- Memorandum of understanding between CSN and UNLV allows qualified transfer students with successful completion of CSN coursework to seamlessly transition to UNLV, resulting in students having a solid foundation for their time at UNLV.
- Student Success Collaborative (student predictive analytics) has been fully implemented.
- Freshmen retention increased significantly, from 74.1% to 77.1%.
- Significant increase in both applicants and admits projected for fall 2017.
- 10-year program review shows higher quality in a number of academic programs.
- The Academic Multicultural Center, “The Intersection,” has opened and is serving campus.
- The Financial Aid Office has made available \$250K to help students who need emergency aid and prevent them from Stopping Out.

## Academic Health Center

- The Health Science Deans’ Council was formed.
- UNLV School of Medicine received preliminary LCME accreditation.
- Clark County transitioned 9.1 acres to UNLV to establish an Academic Health Center.
- Ackerman Center for Autism and Neurodevelopment Solutions has been established and has a long waiting list, which demonstrates the great need for its services.
- More than 900 students applied for fall 2017 for the 60 spaces in the founding class.

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## Community Partnerships

- The Office of Community Engagement has been established and is operating.
- UNLV experienced the largest fundraising activity during the past two years since its last capital campaign, with \$75.3 million in private support raised in FY16.
- UNLV and MGM Resorts International announced a public-policy think tank to be chaired by Senator Harry Reid and Speaker John Boehner.
- Athletics:
  - The Fertitta family donated \$10 million to fund construction of a new football training facility, the largest single gift in athletics history. More than \$17 million has been raised overall.
  - Mountain West and WAC Academic All-Conference Student-Athletes increased from 114 to 127 from FY15 to FY16.
  - UNLV Mountain West Conference Scholar-Athletes increased from 40 to 46 from FY15 to FY16.
  - 9 of UNLV's 17 teams carry a cumulative team GPA of 3.0 or greater.
  - UNLV athletes contributed more than 13,000 hours to community service within the community, earning the Mountain West Community Service Award.
  - The Rebels clinched their fourth straight Governor's Series title in FY16.
- UNLV, in partnership with the Las Vegas Convention and Visitors Authority, was the host site for the final presidential debate of the 2016 election season, which was the third-highest watched debate in history, and which generated \$114 million in publicity for UNLV and Las Vegas.
- Marketing projects included revamping airport signage and creating debate signage that has resulted in ongoing UNLV signage improvements across campus.

## Infrastructure and Shared Governance

- The Faculty Senate created listservs to improve constituent communication.
- Customer service standards (The REBEL Way) were rolled out.
- The University Gateway parking facility added more than 600 parking spaces.
- The Thomas & Mack Center's west wing addition provided an additional 10,000 square feet of meeting and event space.
- Developed onboarding and buddy programs for rollout in summer/fall 2017.
- Major campus IT upgrades with new fiber connections.
- Improved Faculty Senate communications (listservs).