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.
- 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);¹
  - 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.

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¹ Scott Jones, Director, Civil Space Supply Chain Management: “The road to Mars goes through Vegas and UNLV.”
• **$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 2nd 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.
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).