Vision: SLU as a Preeminent Jesuit Research University in St. Louis

- 21st century **Carnegie 1** research university grounded in SLU’s Jesuit mission
- Rooted in **St. Louis** as an **Anchor Institution**, generating research, innovation, and talent to fuel the region’s knowledge economy
- **Distinctive**, top-ranked **Research Strengths** that address the needs of our city, nation, and world
- **Innovative Partnerships** with universities, investors, companies, community, and civic organizations
- Enhanced **Research Reputation** drives overall metrics on faculty recruitment, student enrollment, clinical care, and philanthropy
SLU RESEARCH ACCOMPLISHMENTS FROM 2016-2022

• Culture Change – Support, Expectations, Identity
  • Enhanced research support – strategy, grants, seed funding, computing, innovation
  • 4 Research Councils supporting Scholarship, Health, Science & Engineering, Medicine
  • Thinking of ourselves and acting like a growing research university

• Research Institute Gift
  • RI-funded hires and retentions, outstanding new faculty recruited across SLU
  • Investments in faculty, research staff, and infrastructure across all disciplines
  • RI Fellows appointments

• Big Ideas & Centers
  • 8 University-wide, interdisciplinary, faculty-driven, collaborative Institutes
  • Leadership and prominence in Vaccine Development, especially during Covid
  • Legacy gift to create the Taylor Geospatial Institute, eight university consortium led by SLU
  • $10M Humanities Endowment

• External Perception of SLU as Research University
  • Heightened STL regional profile, partnerships, impact
  • RI Annual Impact Report, RI website, researcher accomplishments

• Growth in Scholarly & Scientific Impact and Research Expenditures
  • Book and article publication steadily increasing; prestigious faculty awards and appointments;
    Scholarly Works awards created; Spark Grants, Research Opportunity Funds created to catalyze
    high impact scholarship and science
  • 8% CAGR overall, 22% CAGR outside School of Medicine, $21M/year in additional research
    expenditures and growing
SLU RESEARCH: 2022-2027

ACHIEVING ESCAPE VELOCITY
By 2027, the experience of being a researcher at SLU will be characterized by:

**Vibrant Research Environment**
- An intense, radically interdisciplinary, diverse intellectual environment made up of mission-driven, collaborative, ambitious faculty, research staff, and students
- Excellent physical and computing research infrastructure together with skilled support staff
- High expectations and recognition for research excellence together with appropriate teaching loads for highly productive researchers

**Outstanding Research Support**
- Talented staff support for exploring new ideas; finding collaborators and building research programs; finding, applying for, and managing grants; compliance and research integrity
- Expertise in finding diverse federal, philanthropic, and industry funding; building innovative collaborations with external entities; generating impact through publishing, publicizing, and commercializing

**Heightened Research Profile & Reputation**
- Enhanced regional and national reputation for SLU as one of the leading Catholic research universities, on par with Boston College, close to Georgetown and Notre Dame
- Recognition for SLU’s distinctive top-ranked research strengths that are internally and externally resourced, inclusive, impactful, and accountable
- Recognition for SLU’s preeminent individual scholars and scientists
FIVE YEAR PLAN: 2022-2027

STRATEGIES

1. Accelerate Hiring & Retaining Research Intensive Faculty
2. Grow Research Strengths: *Centers of Excellence*, Growth Areas
3. Establish Research Growth as a SLU-wide Priority
4. Solidify SLU’s Role as a Leading St. Louis Research University

ENABLING ELEMENTS

A. Increase Faculty Research Support
B. Enhance Research Philanthropy
C. Aggressively Market SLU Research
D. Pursue SLU Innovation
In the 2021 review, there were 39 private R1 universities – next Carnegie classification reviews are in 2024 and 2027
STRATEGIES: 1. RESEARCH INTENSIVE FACULTY

Accelerate critical mass of high research-intensive faculty

• Strategic hiring in growth areas and Centers of Excellence, signature hires in key areas

• Transparent and measurable expectations for research productivity for TT faculty along with graduated teaching and service

• Recognize, support, and celebrate top researchers as RI Fellows and Endowed Professors

• Land 90% of our top faculty candidates, and retain 90% of our best researchers
STRATEGIES: 2. RESEARCH STRENGTHS

Big Ideas Institutes / University-wide *Centers of Excellence*
• Grow Big Ideas through sustainable budget models including grant and enrollment revenue, IDC recovery, philanthropy, educational programs

College-Level *Centers of Excellence*
• Implement designation process to solidify existing strengths
• Implement RI-College collaborations to incubate future centers
• Support roll out of $10M Humanities Endowment

Research Growth Areas
• Prioritize and invest in areas with high potential for growth in research funding and scholarly eminence

*Prioritize for faculty hiring, fundraising, communications*
Accomplishing SLU’s full research vision - and fully realizing its benefits - requires engagement and close collaboration across many parts of the university

- Make research an essential element of SLU’s brand for students, faculty, alumni, donors, and patients
- Fully integrate research into the SLU student experience through enrollment, research opportunities, mentoring, and career opportunities
- Strengthen clinical research and basic-clinical collaborations in partnership with SSM Health
- Ensure nimble research-related policies and practices to allow researchers to seize opportunities
Solidify SLU as a preeminent research university in the St. Louis region - delivering the talent, research, innovation, clinical care that drives the region’s knowledge economy

- Position SLU as St. Louis’ lead research, talent, and innovation resource for companies, civic and community organizations, and VC investors
- Serve as applied research partner with the City and County on health disparities, K-12 education, and inclusive prosperity
- Serve as lead university for regional priorities (e.g. Geospatial Science, Advanced Manufacturing) and collaborate closely with regional research institutions
Build on research support enhancements from the past five years to address ongoing gaps and build capacities needed for continued growth

- Expand **research support staffing** in parallel with SLU’s growth, and expand training and policy programs in research compliance and safety.
- Work with Deans and Associate Deans to **create Colleges’ five year research plans** including priorities, growth objectives, and support needs.
- Invest in **research computing** capacity and staff expertise to make scalable and accessible for every discipline.
- Create multi-year **research capital fund** and prioritization process for investments in infrastructure and space.
ENABLING ELEMENTS: B. PHILANTHROPY

Build on momentum generated by $600M campaign, $50M Research Institute gift, and Taylor Geospatial Institute legacy gift to accelerate fundraising capacity for research and innovation priorities

• Potential Priorities
  • School of Science & Engineering
  • School of Medicine
  • Big Ideas Institutes & College Centers of Excellence
  • SLU Innovation

• Subpriorities
  • Endowed Professorships
  • Endow Research Institute
  • Student & Postdoc Support
ENABLING ELEMENTS: C. AGGRESSIVELY MARKET SLU RESEARCH

Build multi-channel marketing and communications strategies to raise SLU’s regional and national profile as an emerging research powerhouse.

- Develop and execute strategies that promote research success stories and initiatives, faculty profiles and accomplishments across multiple channels including:
  - SLU and RI Websites
  - PR/Earned Media
  - Social Media
  - Print Materials (*i.e.* Annual RI Impact Report)
  - Direct (email)
  - Internal/External Events

Results drive reputation and awareness which enhances student enrollment, faculty recruitment, grant funding, partnerships, clinical care, and philanthropy.
Position SLU as a university leader in innovation to enhance efforts to recruit the most talented researchers and students and to build partnerships with companies and investors

- **Connect and coordinate** SLU’s programs and leaders in entrepreneurship, commercialization, industry partnerships, and career services

- **Expand entrepreneurship training** for students and faculty and **facilitate access** to seed funding, mentors, and capital

- Evaluate **processes, policies, and contract templates** to expedite entrepreneurship and industry collaborations

- Build expansive **Anchor Industry Partnerships** for talent, research, innovation collaborations

- Utilize the **COLLAB @ Cortex** space for showcasing SLU’s innovation assets
Track key research growth metrics as SLU-wide priority and shared responsibility to achieve Carnegie 1 by 2027

- 10% Annual Growth in Expenditures - $100M by 2026
  - 8% 2016 to 2022, 13% 2020 to 2022 - Currently $58M
- Top 100 PIs average $600k per year
  - Currently $455k (was $323k in 2016)
- 160 PIs with more than $100k/year
  - Currently 107 (was 92 in 2016)
- 6 Institutes/Centers with grant expenditures over $5M/year and/or ranked in top 5
  - Currently 4 – Taylor Geospatial Institute, Center for Vaccine Development, Center for Health Law Studies, Center for Medieval & Renaissance Studies (2 in 2016)
- 120 Faculty one standard deviation above disciplinary mean (RI Fellows)
- 150 Undergraduates engaged in Summer Research programs (new)
- Further Scholarly Metrics in development