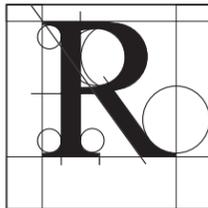




# LEAD IN RESEARCH, SCHOLARLY, AND CREATIVE ACTIVITIES



Research, scholarship, and creative activity performed at Southern Illinois University Carbondale, including the Southern Illinois University School of Medicine, have many high-impact benefits including new knowledge, ranging from scientific discoveries to works of literature or art; enhancement of our reputation; enhancement of recruitment and retention of high quality students and faculty; enhancement of our ability to attract additional resources; enriched experiences that prepare students for success; improving the quality of the workforce; direct economic benefits from new resources attracted to the region; new jobs, spending, and taxes generated by new companies derived from university-developed intellectual property; an opportunity for budgetary growth; and a unique strength that distinguishes us. In short, high-quality intellectual work in all disciplines — humanities and arts, sciences, education and the professional schools — is the backbone of our University.

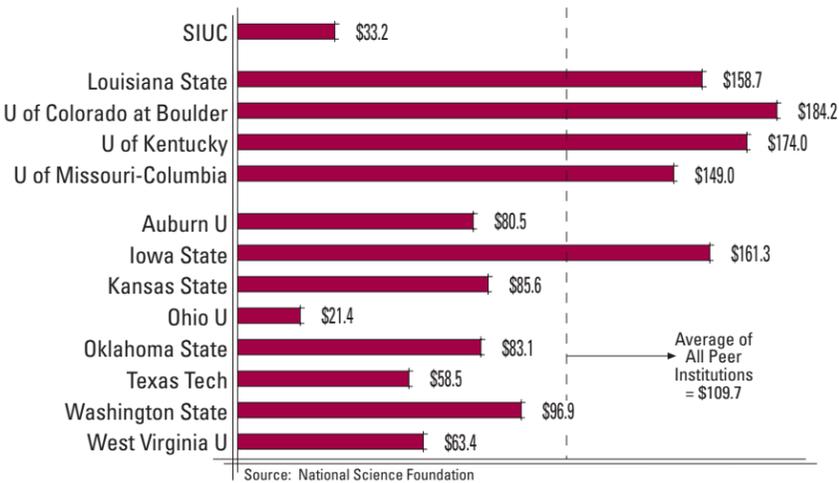
## OUR FUTURE IS FRAMED WITH STUDENT-CENTERED RESEARCH:

“Our vision of SIUC in 2019 is to be in the top 75 among public institutions in all important research measurement categories and be a university in which research is more completely integrated into the undergraduate experience, and truly student-centered.”

Vice Chancellor for Research and Graduate Dean, Vision for *Southern at 150*



R&D EXPENDITURES 1999 TRACKED BY NSF (in millions)



## Aspiration: Top 75 Public Research University

Southern Illinois University Carbondale will strive to be a top 75 public research university in total and federal research and development (R&D) expenditures. Excellence in research, scholarship, and creative activity can stimulate greater success for programs across disciplines and contribute immeasurably to the reputation of the institution.

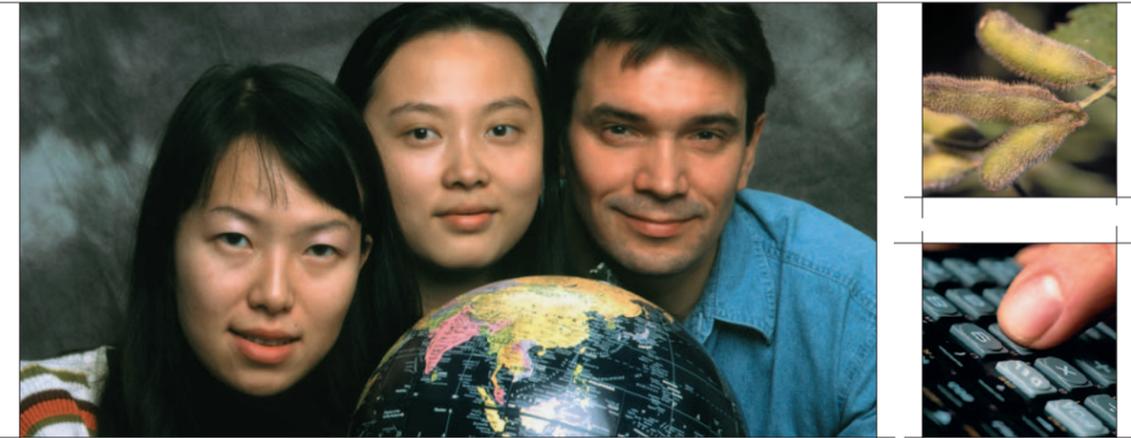
### Targets:

- **Increase the total R&D expenditures by 11 percent per year. Increase the federal R&D expenditures by 13 percent per year.**
- **Identify, pursue, and obtain new sources of external grant and contract funding.** Establish relationships with granting organizations, private industry, and foundations and promote the University as a research institution of high quality.
- **Develop incentive-based reward systems to encourage faculty to secure external grant funding.**

### OUR FUTURE IS EXPANDED WITH KNOWLEDGE:

"As a Carnegie Doctoral/Research Extensive University, SIUC is committed to the discovery of knowledge, teaching, and service, while concomitantly focusing on high standards of excellence, stimulating meaningful research, and encouraging intellectual development."

Provost and Vice Chancellor, Vision for *Southern at 150*



## Aspiration: Enhance the Culture of Research and Scholarship

Research and scholarship will be integrated into every decision made on campus. Improvement can be realized in the development of the research enterprise on campus. Building a culture where research becomes an integral part of all undergraduate and graduate programs is essential. Substantially enhance research and scholarly productivity.

### Targets:

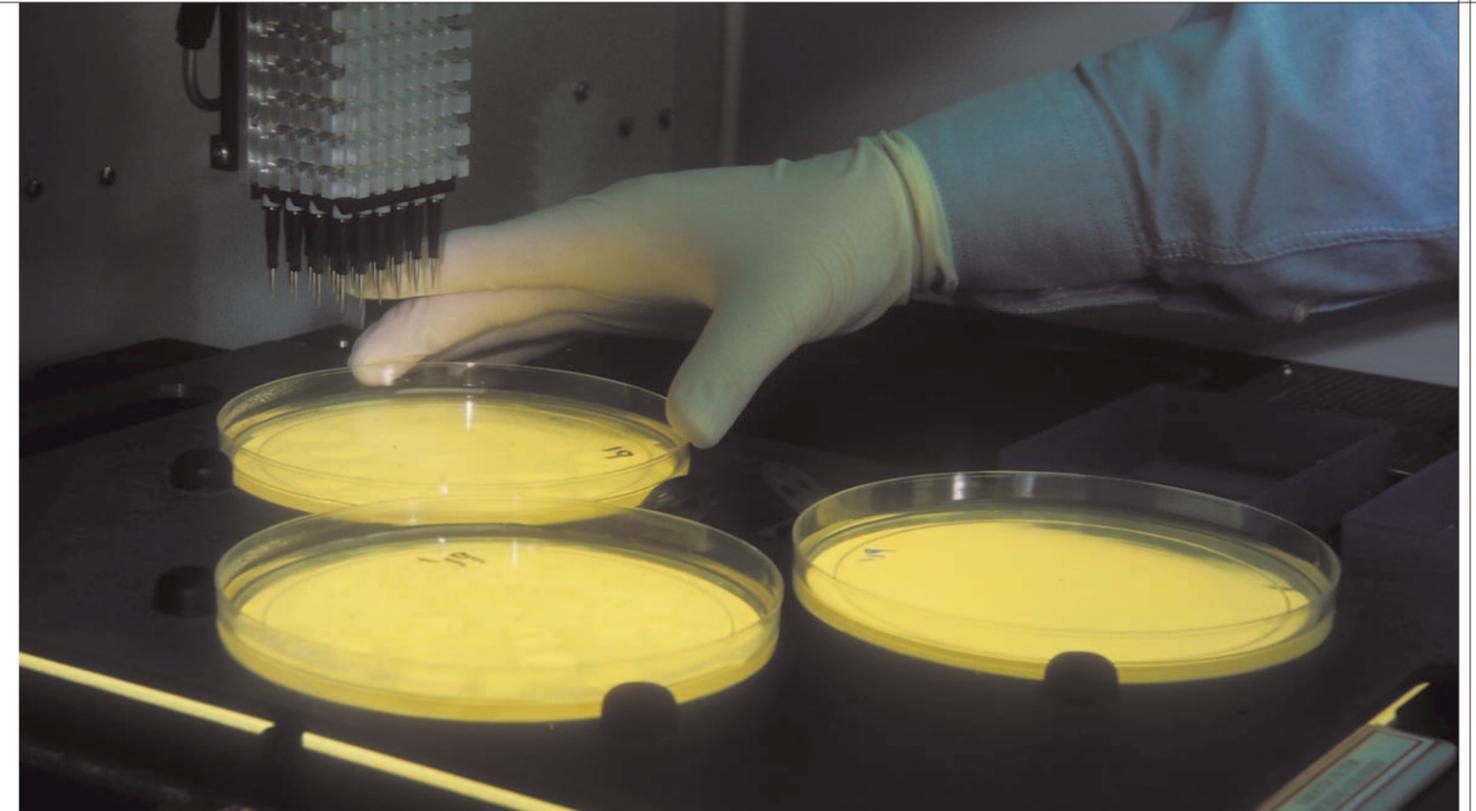
- **Enhance and develop existing and new centers of research, scholarship, and creative activity excellence, consistent with our academic aspirations.**
- **Develop interdisciplinary, interuniversity, and University-industry partnerships** designed to foster research, scholarship, and creative activities. Increase by 200 percent funding from such partnerships.
- **Commit to marketing the intellectual property of our faculty** and its relevance to the community, state, nation, and world. Increase intellectual property licensing by 1,000 percent.
- **Seek new domestic and international training grants** that advance campus programs, and enhance national and international relationships.

## Aspiration: Become the Best Student-Responsive Public Research University in Illinois

Research and scholarly activity provide new knowledge and intellectual stimulation that are vitally linked to the educational process. Cutting-edge faculty research and scholarship contribute to what will be in the textbooks of the future. At both the graduate and undergraduate levels, involvement of students in the process of conducting research, scholarly, and creative activities provides an enriched experience that better prepares them for success at the next level, and as a result also enhances the quality of the workforce. At Southern Illinois University Carbondale, we embrace the role of being a *student-responsive* research university where graduate and undergraduate student participation in research is a critical component of the overall student experience.

### Targets:

- **Increase the number of internship opportunities** relating to research, scholarly, and creative endeavors with high expectations for interactive student participation in research. Twenty-five percent of our graduates will participate in short- or long-term internship opportunities.
- **Increase research-focused scholarships** and recruit top students for these scholarships. **Increase funding for student workers** for research, scholarly and creative activities, and service. The levels of funding will be above the mean for aspirational peer institutions.
- **Develop new and enhance existing programs to incorporate research into undergraduate academics.** Increase by 100 percent the undergraduate research opportunities for minority and female students. Increase University Honors Program participation by research-oriented faculty.
- **Create a thesis and dissertation grant program** to assist students with special one-time expenses such as illustrations, minor research equipment, etc.



## Aspiration: Increase Giving to Support Research, Scholarship, and Creative Endeavors

Solicit funds for research from all potential sources, including alumni, individuals, business, industry, and partnerships. Encourage and nurture a mutually supportive relationship between the University and its alumni.

### Targets:

- **Target fundraising for specific research-related enhancements**, such as undergraduate research scholarships (\$10M), endowed fellowships (\$20M), and 500 additional research assistants.

