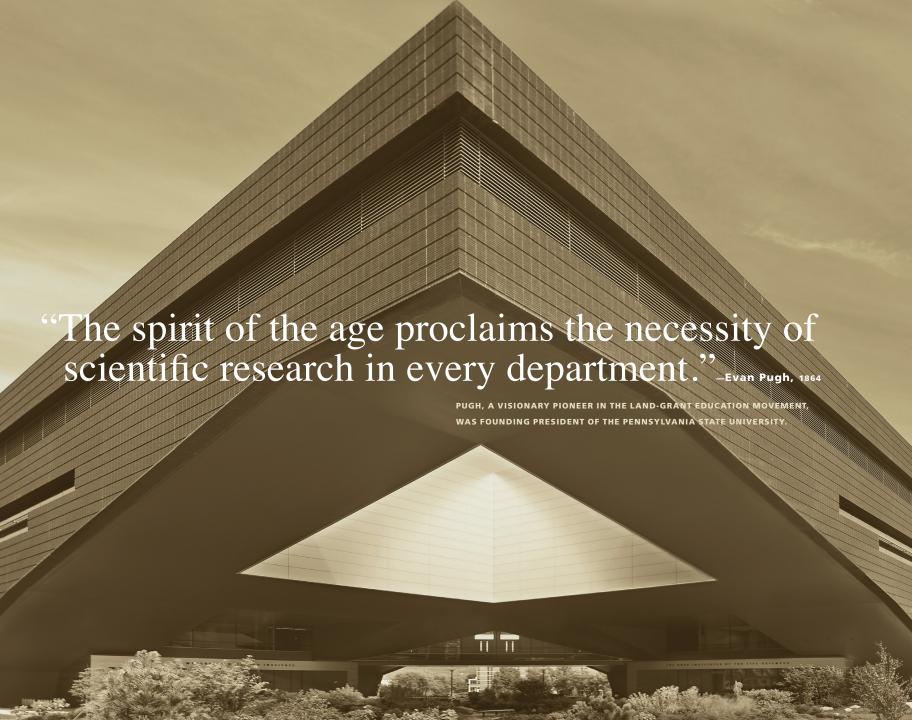
Annual Report of Research Activity Office of the Vice President for Research | Fiscal Year 2011

PENNSTATE



THE PAGES THAT FOLLOW HIGHLIGHT THE DIMENSIONS OF RESEARCH AND DISCOVERY AT PENN STATE. As you study the charts and graphs, I hope you'll keep in mind a number of themes that underlie the University's efforts to extend the frontiers of knowledge:

—Penn State has the expertise, infrastructure, and willingness to work with our partners in the public and private sectors to solve problems in health and medicine, energy and the environment, water, food, transportation, housing, and many other areas that are relevant to bettering the human condition.

—The University has experienced, on average, a \$33 million annual increase in total R&D expenditures over the last decade—a growth rate that demonstrates our institution is competitive in seeking resources that support its research mission.

—The diverse nature of research at Penn State shows that our portfolio is balanced. Notice the variety of funding sources that support research at our institution, and how academic units across the University engage in research and development activities.

—While summary data may not reveal it, an interdisciplinary approach to research is perhaps our greatest strength, and the characteristic that most distinguishes Penn State from other universities. We have moved steadily away from funding discipline-specific research and toward nurturing task-specific faculty groups that more accurately mirror complex, real-world problems.

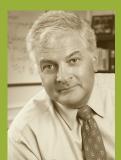
Our research informs our graduate education, making the quality of that learning experience second to none—a fact recognized by advanced-degree candidates the world over.

Research is an integral part of who we are at Penn State, and what we do.

Henry C. Foley

Vice President for Research and Dean of the Graduate School

To learn more about Penn State research, visit research.psu.edu

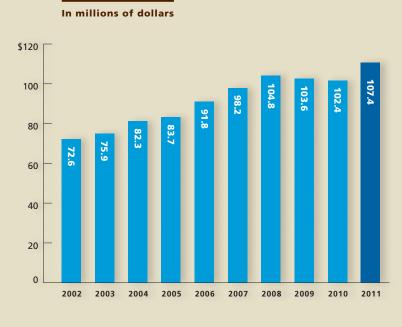


Expenditures totaled an all-

time high of \$805 million, with federal support leading the way at \$477 million.







Expenditures from Federal Agencies

Expenditures by Performing Unit

1 Department of Defense \$163,804,000

- 2 Department of Health and Human Services \$129,138,000
- 3 National Science Foundation \$60,164,000
- 4 USDA \$22,378,000
- 5 NASA \$16,906,000
- 6 DOE \$23,788,000
- 7 Education \$11,007,000
- 8 Other \$49,901,000

Transportation \$5,517,000

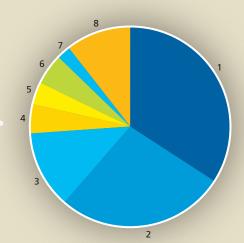
Commerce \$1,885,000

Interior \$1,658,000

EPA \$1,029,000

Other Federal \$39,812,000

Total \$477,086,000



1 Defense-Related Research Units \$174,253,000

Applied Research Lab \$142,253,000 Electro-Optics Center \$32,000,000

- 2 Engineering \$113,885,000
- 3 Agricultural Sciences \$101,186,000
- 4 Medicine \$99.863.000
- 5 Eberly College of Science \$102,494,000
- 6 Earth and Mineral Sciences \$75,482,000
- 7 Health and Human Development \$47,803,000
- 8 Liberal Arts \$32,267,000
- 9 Education \$22,641,000

10 Information Sciences and Technology \$11,003,000

11 Other \$15,741,000

Altoona College \$1,056,000

Behrend College \$3,992,000

Berks College \$164,000

Capital College \$3,786,000

Great Valley \$309,000

Penn College \$3,626,000

Other Commonwealth Campuses \$2,627,000

International Programs \$181,000

12 Other Schools and Colleges

\$8,171,000Arts and Architecture \$819,000

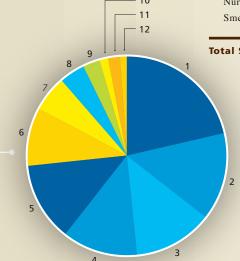
Communications \$368,000

Dickinson School of Law \$215,000

Nursing \$2,044,000

Smeal College of Business \$4,725,000

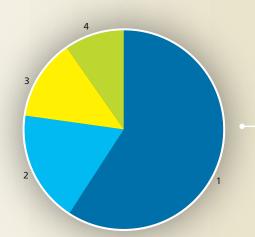
Total \$804,789,000



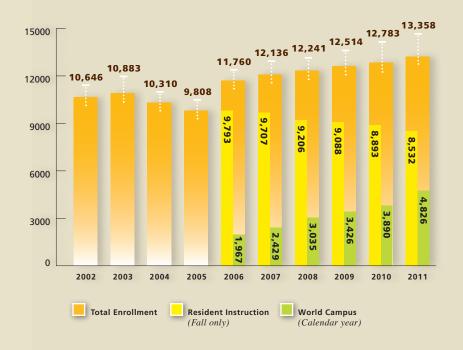
- 1 Federal \$477,086,000
- 2 University \$142,351,000
- 3 Industry and other \$107,373,000
- 4 Commonwealth of Pennsylvania \$77,979,000

Total \$804,789,000

Penn State's diverse research initiatives reflect a wide range of funding sources.



The University remains a popular choice for graduate education, with resident instruction supplemented in recent years by Penn State World Campus offerings.



Over the past ten years, Penn State has conferred more than 28,000 graduate degrees, including more than 6,300 doctoral degrees.



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For more information, visit our websites:

research.psu.edu gradsch.psu.edu

For news and features about Penn State's worldclass research enterprise by e-mail every two weeks:

http://goo.gl/39Nfo

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