“In fact, collaboration across traditional disciplines and the ‘invention’ of new ways to approach old problems is perhaps our greatest institutional strength.”
THIS BOOKLET PROVIDES IMPORTANT QUANTITATIVE DIMENSIONS OF PENN STATE RESEARCH FOR FISCAL 2012, AND OFFERS A FEW COMPARISONS WITH PREVIOUS YEARS TO REVEAL LONGER TERM TRENDS.

For example, you will see the steady upward trend in the University’s total R&D expenditures—an increase of 48 percent over the past decade, and a solid indication that our faculty are successfully proposing path-breaking research and development initiatives to federal, state, and private-sector sponsors.

In the subcategory of federal dollars in support of research, the trend is even more dramatic: $507 million in federal support in fiscal 2012, an increase of 80 percent in the last ten years.

Industry-sponsored funding increased to $110 million in fiscal 2012. That we continue to experience increases in both federal and private-sector funding reflects Penn State’s ability to compete with our peers in attracting research support, and the enviable reputation that the University has earned among various funding sources.

You will also see that seven of our academic colleges, along with the Applied Research Laboratory, each report annual research expenditures greater than $30 million. Those numbers indicate the University’s research portfolio is balanced across academic disciplines. And because we have a balanced portfolio, we have successfully implemented an interdisciplinary approach to much of our research and creative work. In fact, collaboration across traditional disciplines and the “invention” of new ways to approach old problems is perhaps our greatest institutional strength.

Research informs our graduate education—now in its 150th year at Penn State—and makes the quality of that learning experience second to none. We continue to attract advanced-degree candidates from all over the world. Research is an integral part of who we are at Penn State, and what we do.

Henry C. “Bucky” 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 $808 million, with federal support leading the way at $507 million.

Penn State has long ranked among the nation’s top universities in industry-sponsored research, and typically partners with more than 400 companies annually.
Expenditures from Federal Agencies

1 Department of Defense $177,051,000
2 Department of Health and Human Services $132,235,000
3 National Science Foundation $62,283,000
4 DOE $37,842,000
5 USDA $24,014,000
6 NASA $14,901,000
7 Education $7,484,000
8 Other $51,888,000
   Transportation $7,000,000
   Commerce $4,345,000
   Interior $1,507,000
   EPA $1,074,000
   Other Federal $37,692,000

Total $507,428,000

Expenditures by Performing Unit

1 Defense-Related Research Units $182,938,000
   Applied Research Lab $160,000,000
   Electro-Optics Center $22,938,000
2 Engineering $129,671,000
3 Agricultural Sciences $102,504,000
4 Medicine $98,703,000
5 Eberly College of Science $97,209,000
6 Earth and Mineral Sciences $69,621,000
7 Health and Human Development $46,833,000
8 Liberal Arts $31,877,000
9 Education $16,468,000
10 Information Sciences and Technology $8,864,000
11 Other $13,564,000
   Altoona College $1,306,000
   Behrend College $3,921,000
   Berks College $205,000
   Capital College $3,166,000
   Great Valley $179,000
   Penn College $1,850,000
   Other Commonwealth Campuses $2,726,000
   International Programs $211,000
12 Other Schools and Colleges $9,250,000
   Arts and Architecture $1,063,000
   Communications $306,000
   Dickinson School of Law $498,000
   Nursing $2,823,000
   School of Business $4,560,000

Total $807,502,000
Penn State’s diverse research initiatives reflect a wide range of funding sources.

1 Federal $507,428,000
2 University $125,618,000
3 Industry and other $110,123,000
4 Commonwealth of Pennsylvania $64,333,000

Total $807,502,000

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 nearly 29,000 graduate degrees, including more than 6,400 doctoral degrees.
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by e-mail every two weeks:
http://goo.gl/39Nfo

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