Open the Gates to Innovation

As a global research university, Princeton seeks to achieve the highest levels of distinction in the discovery and transmission of knowledge and understanding. It is through collaborations with industry that Princeton's faculty transform theories and research that begin in classrooms and laboratories into real-world projects that can make a difference to society.

Princeton's Corporate Engagement team works with companies to develop collaborations that accelerate innovation and are mutually beneficial. We facilitate relationships that promote the educational, scientific and scholarly mission of the University and help companies explore the considerable engagement opportunities with faculty and students at Princeton.

Contact us and let's open the gates to innovation. We look forward to working with you!

Coleen Burrus - Director, Corporate Engagement
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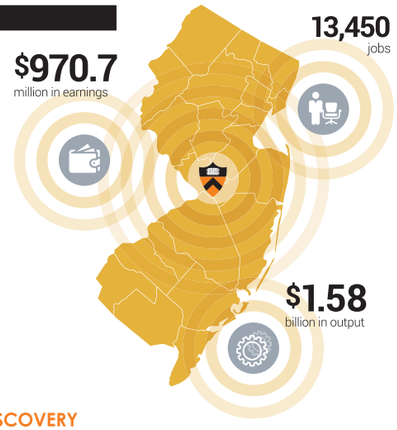
cefr.princeton.edu

"The translation of University research into beneficial technologies is a core part of Princeton's mission. Our faculty members have the desire to see the fundamental research that they do have practical applications. They want to find ways to bring forward into the world the discoveries and insights that can make a difference in people's lives."

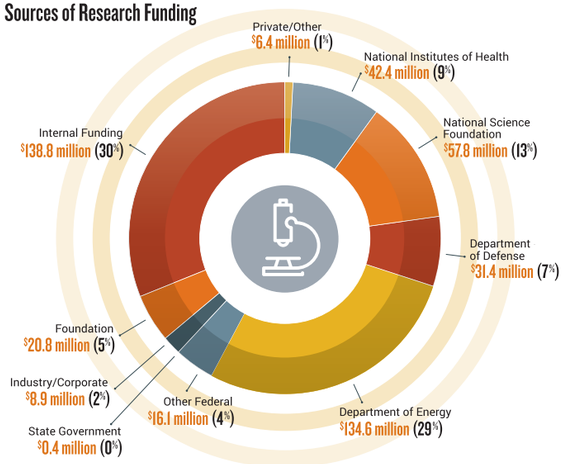
Christopher L. Eisgruber
President, Princeton University

CATALYST FOR PROSPERITY

Princeton University is one of the largest employers in Mercer County, a research and innovation leader, a major purchaser of goods and services, and a sponsor of construction projects. An analysis by Appleseed Inc. — which takes into account the University's nearly $601.9 million payroll, $453.6 million spent on the purchase of goods and services, $318.1 million spent on construction and maintenance, and off-campus spending by students and visitors to campus — estimated that in fiscal year 2015 the University directly and indirectly accounted for $1.58 billion in economic output in New Jersey, supporting 13,450 jobs with earnings totaling $970.7 million.



Sources of Research Funding



CATALYST FOR DISCOVERY

As a major research institution, Princeton University attracts hundreds of millions of federal research dollars to New Jersey each year — much of which is spent locally — to develop knowledge that addresses human needs. In recent years, Princeton has dramatically boosted its internally funded research spending. Research expenditures for fiscal year 2015, supported by external and internal funding sources, totaled $457.6 million. While most of the University's research expenditures focus on basic research, there has been growing emphasis on developing real-world applications of basic research findings, programs to encourage entrepreneurism and research collaborations with industry partners.

For more information and the full report, "Education/Innovation/Opportunity: The Economic Impact of Princeton University" by Appleseed, Inc., go to ***economicimpact.princeton.edu****.*

"If necessity is the mother of invention, then a university may be the extended family that nurtures a discovery from its birth in a scientist's lab through its trying experimental phases on the path to becoming a benefit to society. We often talk about this last stage, but it is an invention's infancy and early development that usually require the most creativity and effort. Princeton inventors know—or at least they hope—that the knowledge they create or discover could treat a viral illness for which we have no cure, or help restore movement after a stroke, or guard pacemakers against malicious hackers."

Pablo Debenedetti
Dean for Research
Class of 1950 Professor in Engineering and Applied Science
Professor of Chemical and Biological Engineering

Arturo Pizano
Program manager for university relations
Siemens, Princeton, New Jersey

Siemens works with Princeton University and a number of other universities to support R&D and to tap pipelines of student talent for job recruitment. Siemens manager Arturo Pizano believes such partnerships contribute to a robust R&D ecosystem across New Jersey.

"Siemens is a global powerhouse focusing on the areas of electrification, automation and digitalization. This is an environment where new innovations are rapidly emerging and where you can't accomplish everything through internal resources alone. We're able to engage with Princeton's faculty members and students, and this exchange of ideas and expertise helps shape the company's technology roadmap."

The Princeton Institute for the Science and Technology of Materials (PRISM) operates and manages a number of core shared facilities dedicated to the study of materials analysis, characterization and fabrication. As part of PRISM's educational mission, the Institute actively interacts and engages with many New Jersey-based companies.

Yueh-Lin (Lynn) Loo
Director of the Andlinger Center for Energy and the Environment; Theodora D. '78 and William H. Walton III '74 Professor in Engineering; Professor of Chemical and Biological Engineering

Princeton E-ffiliates Partnership is an initiative of the Andlinger Center for Energy and the Environment that enables vibrant collaboration between academic experts and leading industry partners to solve global energy needs and environmental concerns. PSEG, ExxonMobil Research and Engineering Company, and Power Survey Company are among the Partnership members with New Jersey operations.

Stephen DeAngelis,
President and CEO of Massive Dynamics

Massive Dynamics, LLC, an applied mathematics firm, has supported the laboratory of Herschel Rabitz (Chemistry) with funding for research in optogenetics (using light to control gene activation) and the emergent applications of cognitive computing capabilities to that field. Cognitive computing seeks to allow machines to calculate and make decisions in a more human-like fashion. Building increased competency in this area can bring to a new generation New Jersey's legacy of advanced scientific laboratories and make use of the Garden State's extraordinary concentration of PhD-level scientists to advance a critical new part of the information sciences industry.

COMING SOON:

PRINCETON INNOVATION CENTER

- *A collaborative space for startups, investors, industry experts and leading academic researchers to meet, learn, network and grow*
- *Opening Fall 2017*
- *Wetlab, Drylab and Office Startup Space*
- *Fully staffed and equipped*
- *Applications being accepted soon*

LET PRINCETON'S CORPORATE ENGAGEMENT TEAM CONNECT YOU TO OUR CAMPUS PARTNERS

- *Collaborate in Research*
- *Support Fellowships*
- *Hire a Tiger*
- *Innovate with Technology*
- *Promote Entrepreneurship*
- *Join a Corporate Affiliates Program*
- *Increase Company Visibility and Participation*
- *Support Corporate Responsibility Initiatives*
- *Use our Core Facilities*

COLLABORATION ACCELERATES INNOVATION

PRINCETON UNIVERSITY