

TEMPLE RESEARCH ON THE RISE

Temple University's Office of the Vice President for Research empowers student, faculty, staff and alumni innovators to develop research that impacts economic development, solves societal problems, opens new fields of discovery and creates sustainable technologies and businesses for the next generation.

Ranked 93rd
for research activity,
NSF HERD Survey

88th
for federal research
expenditures

Top 5
research activity
in Pennsylvania

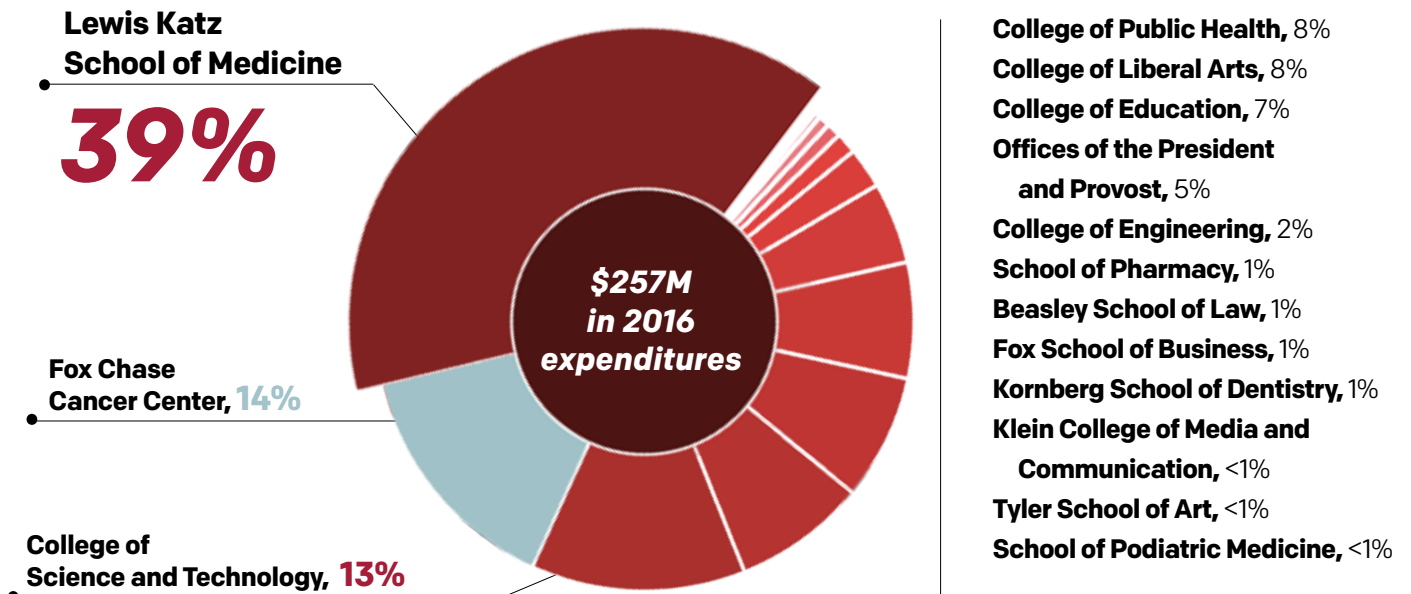
R1
highest research activity
Carnegie Classification

110
research-based
inventions per year

Temple University Research Expenditures

	2012	2013	2014	2015	2016
Temple University	\$159,931,000	\$171,927,000	\$178, 313,000	\$187,687,000	\$200,275,000
Fox Chase Cancer Center	N/A	\$42,072,000	\$57,852,000	\$54,287,000	\$56,759,000
Total	\$159,931,000	\$213,999,000	\$236,165,000	\$241,974,000	\$257,034,000

Research Portfolio by School/College



Research Awards and Proposals

1 Billion+
proposed in 2017

	2012	2013	2014	2015	2016	2017
Dollars Awarded	\$120,677,726	\$145,124,230	\$140,041,124	\$180,118,146	\$181,198,031	\$177,066,969
Dollars Proposed	\$668,314,333	\$689,965,510	\$821,048,298	\$998,589,045	\$1,053,141,196	\$1,075,448,294

Number of Proposals Submitted by School/College 2017

599 Lewis Katz School of Medicine

315 Fox Chase Cancer Center

257 College of Science and Technology

189 College of Public Health

145 College of Liberal Arts

116 College of Engineering

76 College of Education

46 School of Pharmacy

22 Offices of the President and Provost

19 Fox School of Business

15 Beasley School of Law

12 Kornberg School of Dentistry

7 Klein College of Media And Communication

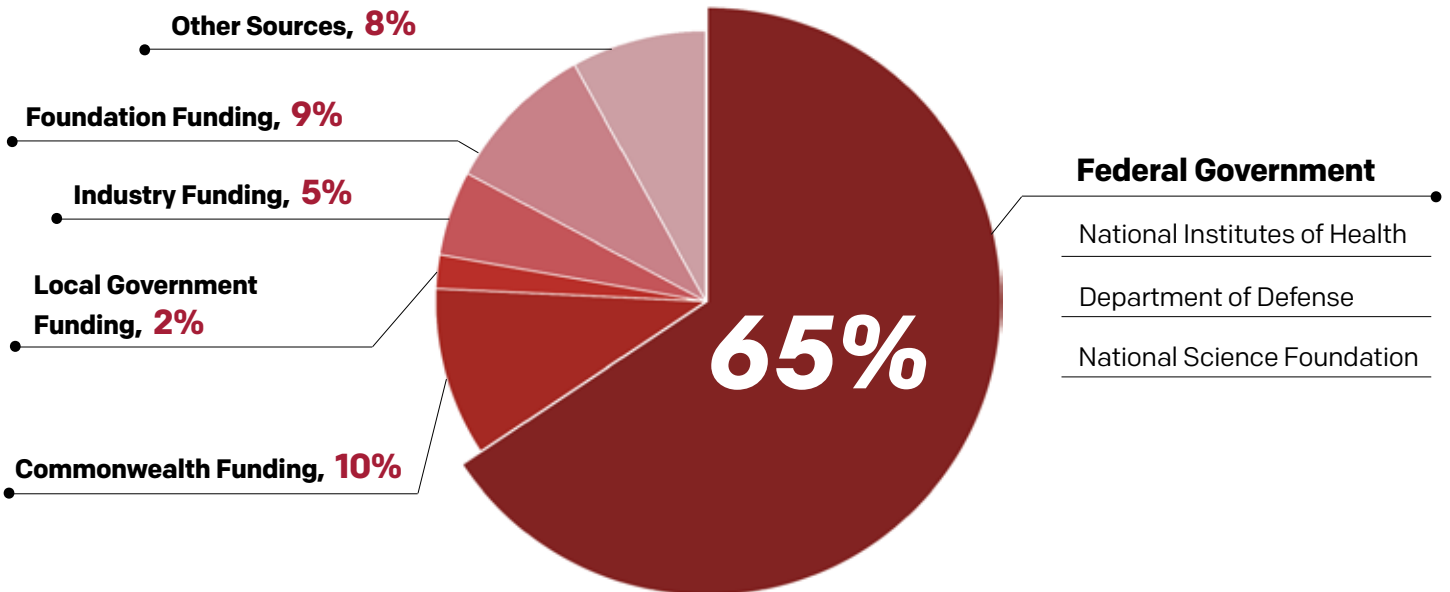
6 Tyler School of Art

4 School of Podiatric Medicine

2 Center for the Performing Arts

1,830
total proposals

Funding Sources 2017



Technology Commercialization Growth

	2017	Increase over prior year	2012 - 2017	Increase over prior 5 years
Inventions	110	+22%	435	+130%
Patents Filed	67	+29%	190	+217%
Licenses/Options	15	-11%	52	+174%
Licensing Income	\$579,632	+42%	\$13.1M	+172%
Awarded Patents	13	+30%	53	+130%
Startups	7	+40%	21	+163%

SPINOUT

Companies formed based on Temple discoveries account for:

\$394 M Investment

93 Active Jobs

35 Startups

Temple's licensing/technology transfer rate tripled in 2016 with 18 commercialization deals.

This high level was sustained with 15 deals in 2017.

This growth represents a 174% increase over the previous 5-year period.

\$13.1 Million in licensing income in the past 5 years

Faculty Highlights

18th Worldwide in Google Scholar Citations

2 Nobel Prize winners

15 Guggenheim Fellows

2 MacArthur Fellows

Award Highlights

\$20 million cooperative agreement with Army Research Lab, largest single year award ever

\$12 million Department of Energy Frontiers in energy research grant

2017 Keck Award, College of Science and Technology