



Kansas State University and Schlumberger, a worldwide provider of technology for reservoir characterization, drilling, production and processing to the oil and gas industry, signed a three-year agreement valued at \$54 million. The agreement gives K-State geology researchers access to a suite of powerful tools to help them understand how petroleum reserves were formed and gather information and integrate data that will help Kansas petroleum operators. The company will receive feedback on the performance of the tools and have the opportunity to hire graduates trained on the company's platforms.

**KANSAS STATE**  
UNIVERSITY

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## INFLUENCING TOMORROW

2018 **Annual Report of Research**

**KANSAS STATE**  
UNIVERSITY

[k-state.edu/influence-tomorrow](http://k-state.edu/influence-tomorrow)

## Record-Setting Success

### Kansas State University faculty and staff are setting records.

**Total extramural funding at K-State has increased 25 percent in the past three fiscal years.** In the fiscal year ending June 30, 2018, K-State researchers obtained 1,567 awards for a total of \$161,576,562. These record-setting figures are propelling us toward our goal of becoming a Top 50 Public Research University and ensuring that we continue to fulfill our land-grant mission of promoting economic prosperity in Kansas and beyond.

In addition to the overall numbers, a few other successes deserve attention.

### Technology transfer is growing.

- K-State researchers filed a record 93 invention disclosures in FY 2018. Total active licenses of K-State technologies number 125.
- Licensing successes resulted in \$826,741 in new licensing revenue in FY 2018.

### Industry-sponsored research is thriving.

- Industry funding set a new record of \$27.8 million in FY 2018.
- K-State has 67 active master research agreements, including 21 new agreements in FY 2018 with GlaxoSmithKline, General Mills, Zoetis, Seaboard Foods, Topcon Positioning Systems, John Deere, and more.

### Our portfolio of awards has grown more diverse.

- From FY 2017 to FY 2018, awards from the National Science Foundation increased by \$6.8 million, or nearly 59 percent, and awards from the Department of Health and Human Services, which includes the National Institutes of Health, increased by \$5.2 million, or 34 percent.

- K-State faculty have obtained eight NSF Faculty Early Career Development, or CAREER, awards and seven Department of Defense and National Institutes of Health young investigator awards in the last five years; four NSF Major Research Instrumentation awards in the last two years; and the first NSF Research Traineeship award for the state of Kansas.
- We continue to maintain immense strength in agricultural sciences, from protecting the largest industry in our state against devastating crop and livestock diseases to developing tomorrow's crop varieties.

### The number of K-State faculty engaged in research is expanding.

- A record number of researchers submitted grant proposals and received awards in FY 2018.
- The number of researchers submitting their first proposal reached an all-time high in FY 2018.

Kansas State University excels at transferring research from labs on our campuses to fields or industry in our state and region. We are an internationally known reservoir of interdisciplinary expertise in solving problems that affect our global food systems and promote biodefense. We are on track to exceed \$200 million in research expenditures in fiscal year 2019, and we look forward to reporting continued success in the coming years.



Peter Dorhout  
Vice President for Research



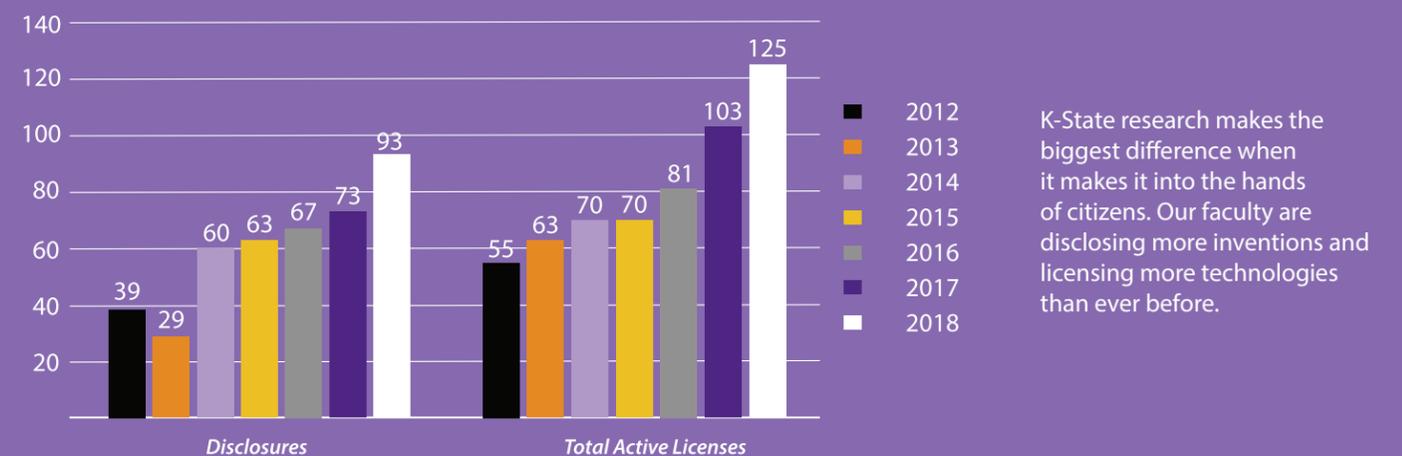
## K-State Research Funding

### Funding Sources



## Technology Transfer

### Disclosures and Licenses



K-State research makes the biggest difference when it makes it into the hands of citizens. Our faculty are disclosing more inventions and licensing more technologies than ever before.

## Award-winning engagement



**Kansas State University earned designation as an Innovation and Economic Prosperity University** by the Association of Public and Land-grant Universities in summer 2017. Last fall, the university was named the **winner of the Innovation Award** at the Commission on Innovation, Competitiveness and Economic Prosperity IEP Awards. K-State was recognized for outstanding work in technology transfer, entrepreneurship, and business development through its Knowledge-Based Economic Development partnership, the Center for the Advancement of Entrepreneurship, and the K-State Institute for Commercialization.

"We have developed a **culture of engagement** at K-State that starts with our faculty, staff and students, all of whom are working to ensure that our research makes it to the marketplace to help improve the lives of our citizens," said Peter Dorhout, vice president for research.