

UNIVERSITY OF KENTUCKY BOARD OF TRUSTEES

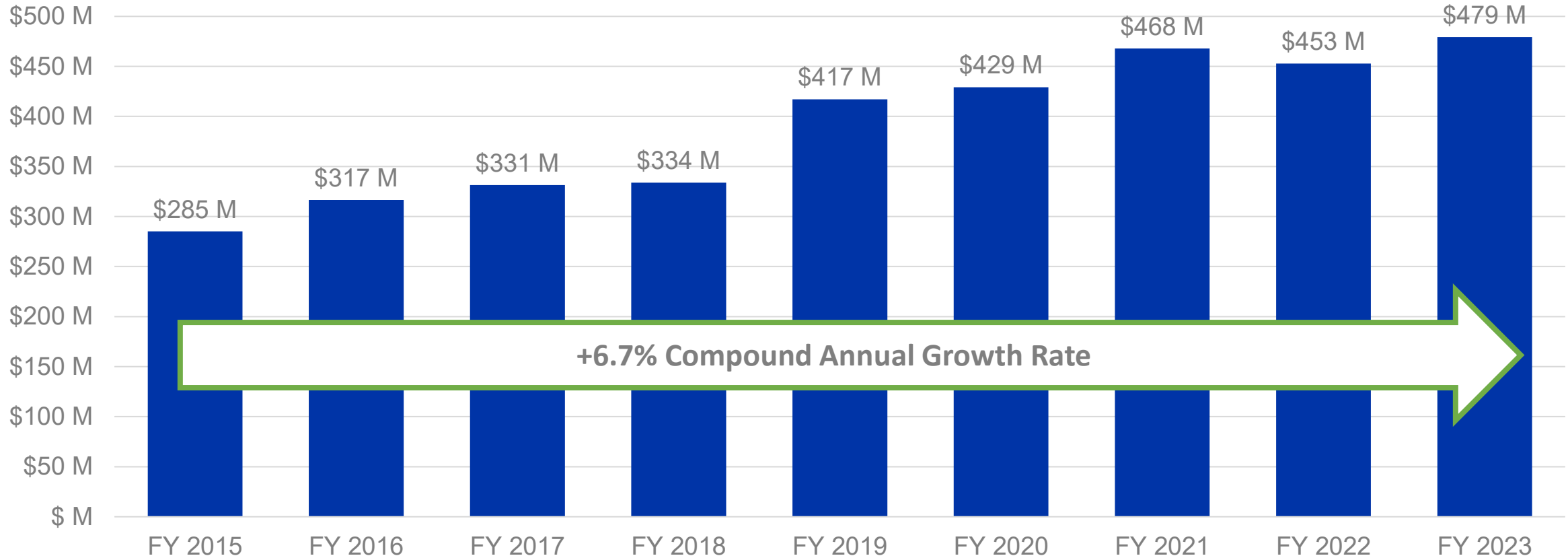
Lisa A. Cassis, Vice President for Research



UK-Sponsored Grant and Contract Award Data

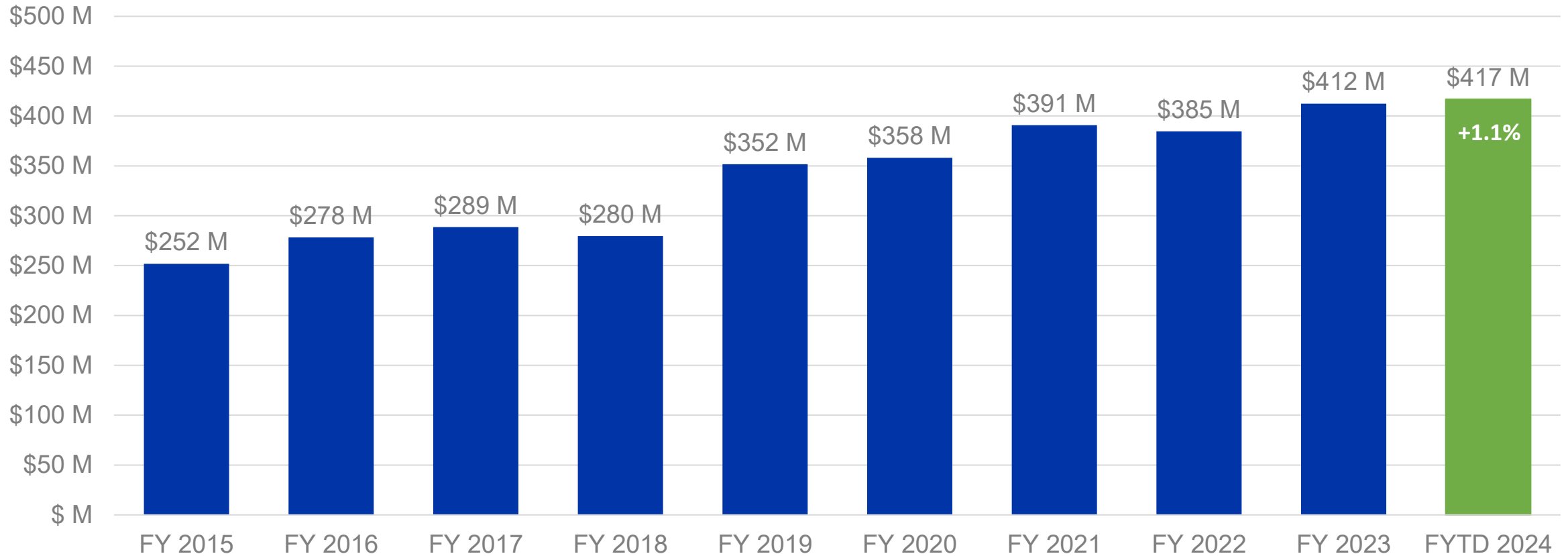
**68% Growth
FY 15–FY 23**

Awarded Grants and Contracts as of June 30 of Each Year

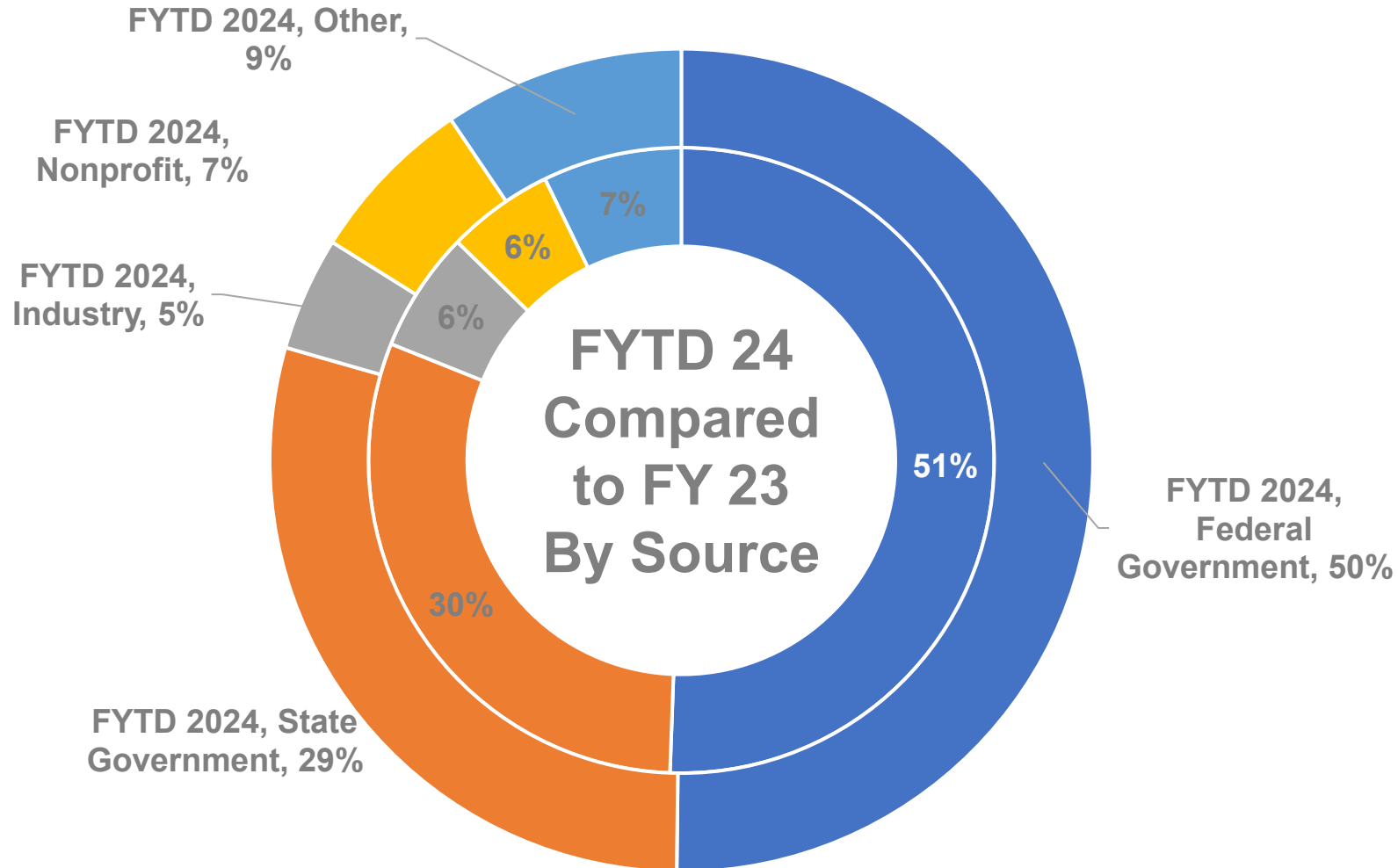


UK-Sponsored Grant and Contract Award Data

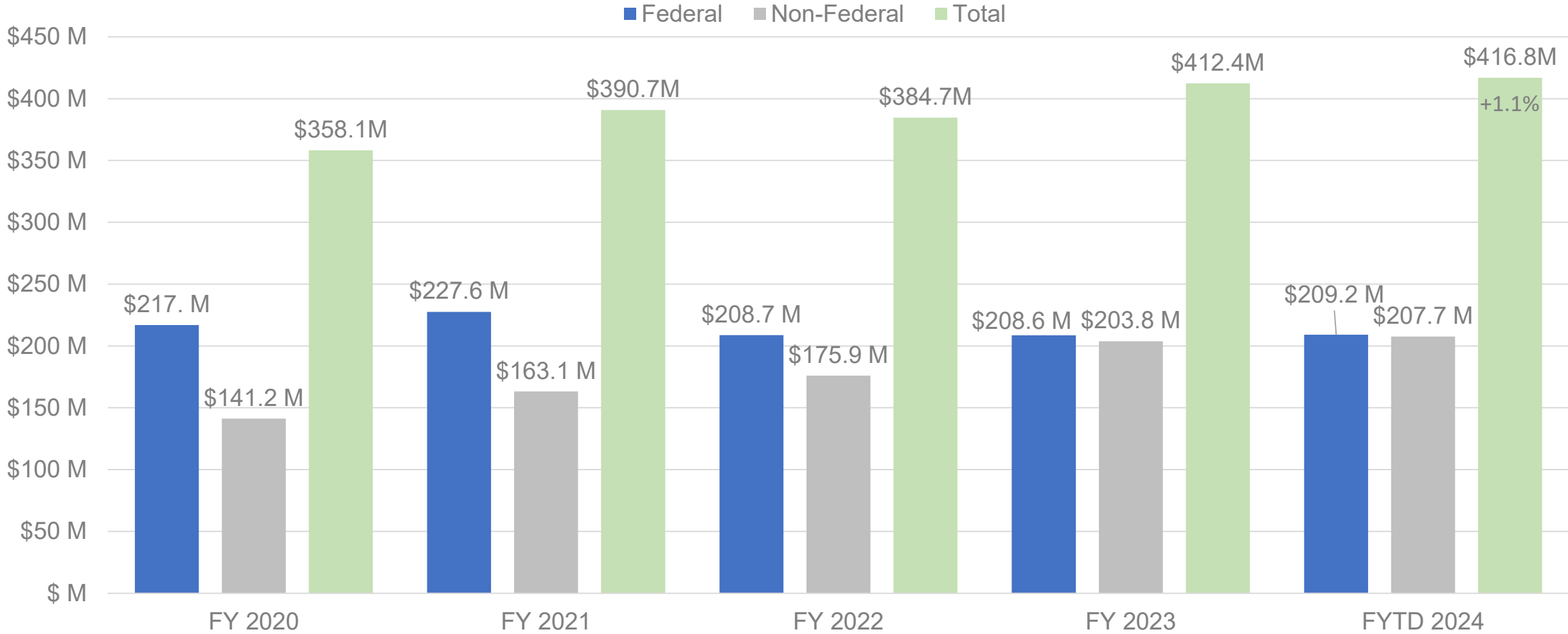
Awarded Grants and Contracts as of April 30 of Each Year



UK-Sponsored Grant and Contract Award Data, Sponsor Type

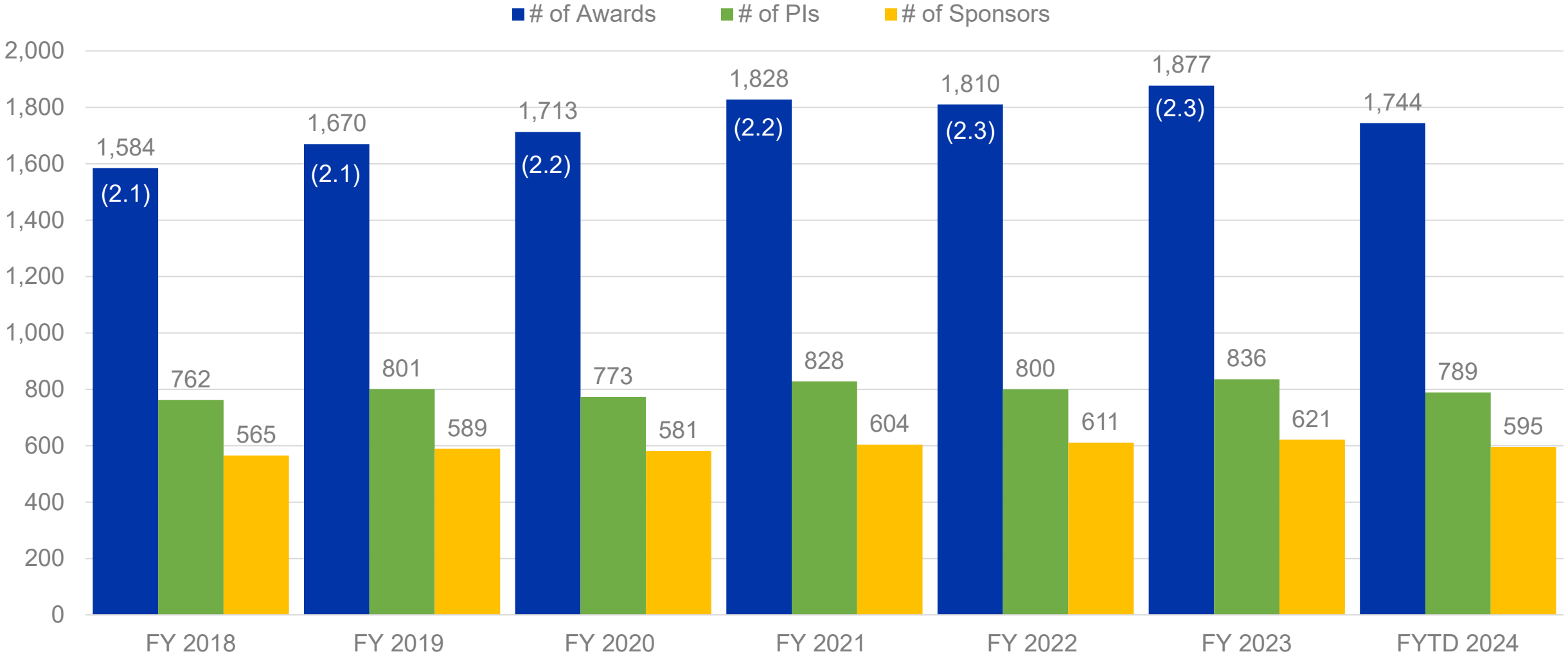


UK-Sponsored Grant and Contract Award Data, Sponsor Type



Source: University of Kentucky, Office of Sponsored Projects Administration Database, as of April 30 of each year.

Grant Awards Per Principal Investigator: Productivity and Success

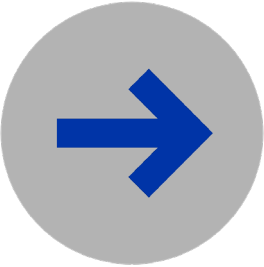


Source: University of Kentucky, Office of Sponsored Projects Administration Database
Number in parentheses is # of awards / # of PIs

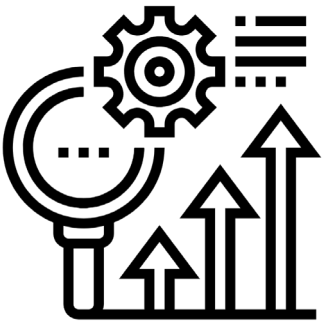
UK Research Priority Areas (RPAs) Develop Solutions for Kentucky

Research Priority Areas (RPAs) address complex health issues and economic development throughout the Commonwealth, facilitating research collaborations and improving research growth capacity.

Compound Annual Growth Rate* by Research Priority Area



Continued growth in research funding within these priority areas has been incorporated into our strategic planning process.



The Research Strategic Plan positions UK as a leader of **innovation**, **discovery** and **creativity** well into the future.

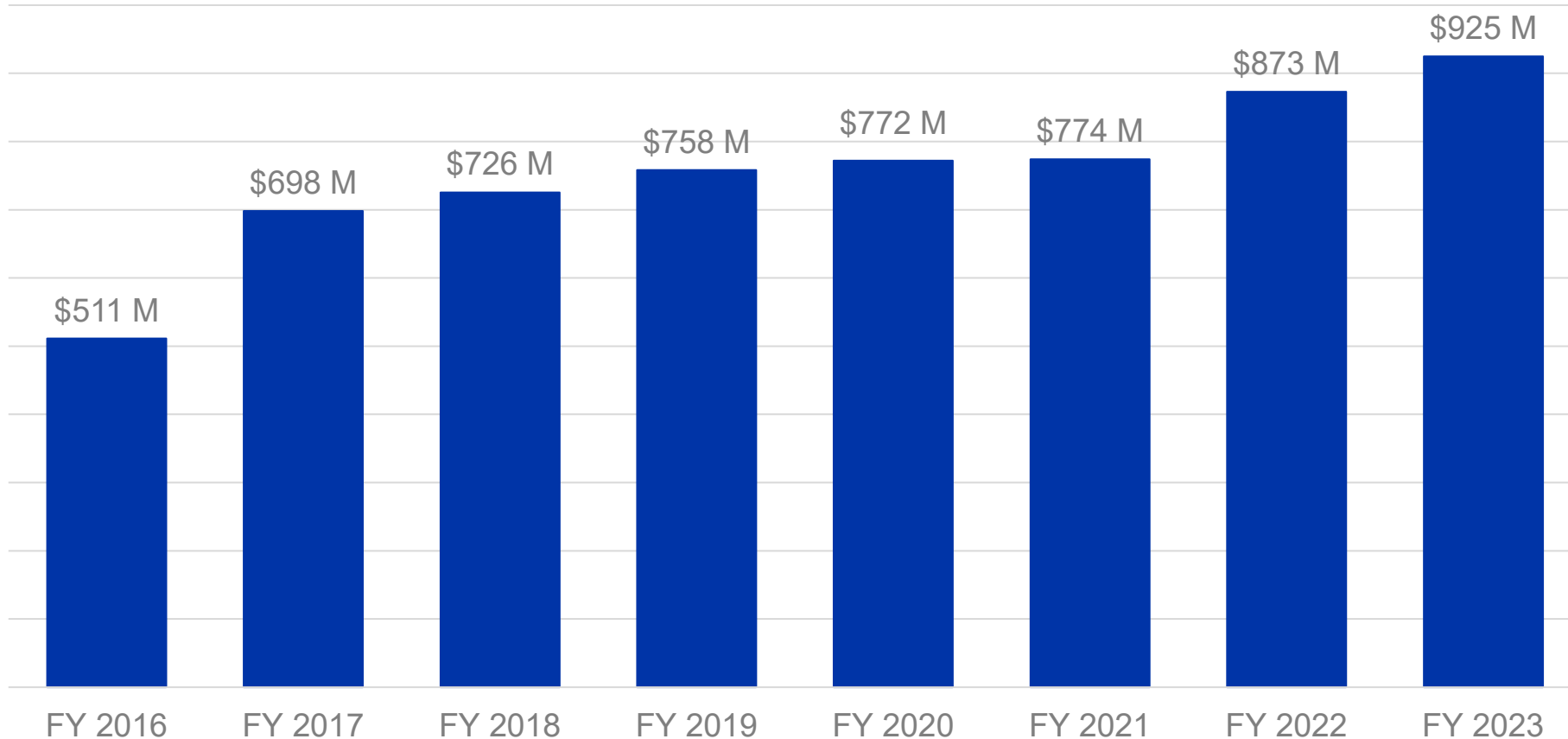
*Compound annual growth rate data based on data collection between FY 2015 and FY 2023.

Source: University of Kentucky, Office of the Vice President for Research

UK Research Growth Contributes to the Economy of Kentucky

Research Generates Economic Activity (Impact) Across the Commonwealth

(based on research and development expenditures as reported to NSF HERD)



In FY23
More than 4,903
jobs supported



In FY23
More than \$325
million in labor
income

A select view of new grant awards in FY 2024

- Appalachian Tobacco Regulatory Science Team (AppalTRuST), NIDA, \$3.9M, PI: Seth Himelhoch, College of Medicine
- C4Ward@Scale: Scaled-Up Coal Conversion for Carbon Fibers and Graphite, DOE, \$3.0M, PI: Rodney Andrews, Center for Applied Energy Research (CAER)
- Biomarkers to Track Effective Interventions that Delay Dementia Onset in Participants of the “Risk Reduction for Alzheimer’s Disease” Trial, NIA, \$2.3M, PI: Anne Stowe, College of Medicine
- Understanding the Association Between Sublingual Buprenorphine and Oral Health Outcomes, NIDC, \$1.4M, PI; Marcia Rojas, Douglas Oyler, College of Dentistry, Pharmacy
- Revealing the Influence of Electrolyte Solvents and Ions on Electronic and Ionic Transport in Electrochemically Doped Conjugated Polymers, NSF, \$767K, PI: Kenneth Graham, College of Arts and Sciences
- The Serotonergic System in Periaortic Fat Regulates Regional Aortopathy Development, NHLBI, \$595K, PI: Lisa Cassis, College of Medicine
- Improving the Spatial and Spectral Calibration of Remote Sensing Imagery from Unmanned Aircraft Systems, NIFA, \$612K, PI: Michael Sama, Martin-Gatton College of Agriculture, Food, and Environment
- The Digital Restoration of Herculaneum Papyri: Data Post-Processing, Andrew Mellon Foundation, \$400K, PI; Brent Seales, Stanley and Karen Pigman College of Engineering
- Climate Resilience through Multidisciplinary Big Data Learning, Prediction & Building Response Systems (CLIMBS), NSF EPSCoR Track 1, \$20M, PIs: Rodney Andrews, Micheal McGlue, Sebastian Bryson and Edward Woolery, CAER

REACHING BEYOND KENTUCKY

Scholars@UK Highlights UK Research
Innovators Across the Globe

Scholars@UK Research Information Management System

Scholars@UK is a searchable database of UK researchers that includes information about academic appointments, research expertise, publications, grants, patents, equipment and other scholarly accomplishments.

Each profile consists of a specialized "scholarly fingerprint" related to the researcher's or research unit's expertise.

2023 Activity

- Includes more than **2,800 UK researchers**
- **222% increase** in unique visitors
- Views from more than **189 countries and territories**
- Sponsors, including the **National Institutes of Health**, are some of the top users of the system

The screenshot shows the top navigation bar with the UK Research logo and the SCHOLARS@UK text. Below the navigation bar is a search bar with the text "Search here to find University of Kentucky experts and innovation!". The search bar has a magnifying glass icon and a "Advanced search" link. Below the search bar is a banner for Alzheimer's Disease research with the text "Click here to view profiles and research output related to Alzheimer's Disease at the University of Kentucky". Below the banner is a row of statistics: Research units (205), Researchers (2741), Grants & Contracts (30616), Research output (88368), Facilities & Equipment (10), and More (4280). Below the statistics is a row of Research Priority Areas (RPA) buttons: Cancer RPA, Cardiovascular RPA, Diabetes & Obesity RPA, Energy RPA, Neuroscience RPA, Substance Use Disorder RPA, and UNITE RPA.

QUESTIONS

