

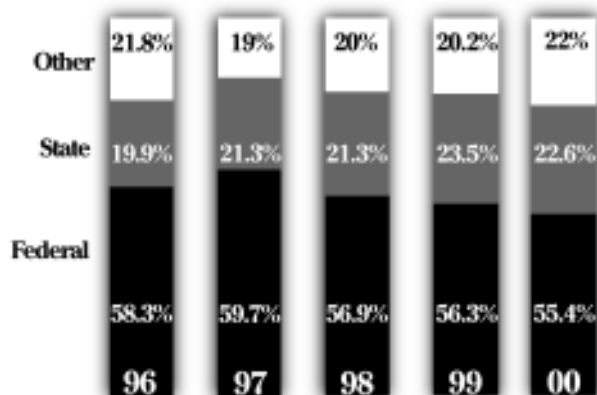
Research Summary 2000

www.rgs.uky.edu UK

UK Posts Banner Year for Research

University of Kentucky faculty and staff experienced record success attracting research contracts, grants, and gifts during FY 2000. Extramural funding for research climbed to \$155.2 million—a 17.4 percent increase over the previous year. UK received \$82.4 million in grants and contracts from federal agencies, 55.4 percent of the extramural funding total.

Sponsored Projects Awards by Source

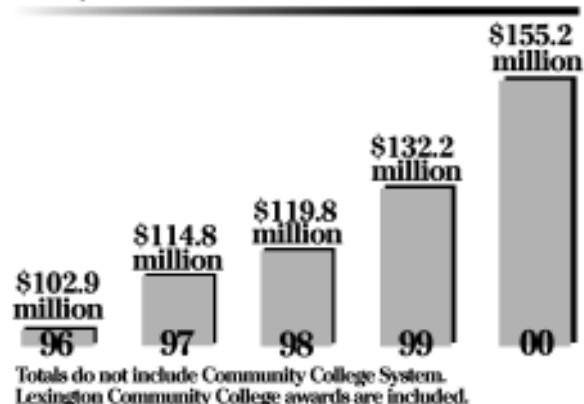


Federal agencies awarded UK faculty and staff \$82.4 million in FY 00; grants and contracts from in-state agencies and organizations totaled \$33.6 million; and \$32.8 million came from sources such as industry and private foundations. Major federal funding agencies include the U.S. Departments of Health and Human Services, Energy, Education, Agriculture, and Defense, the National Science Foundation, and NASA.

Research Impacts Kentucky Economy

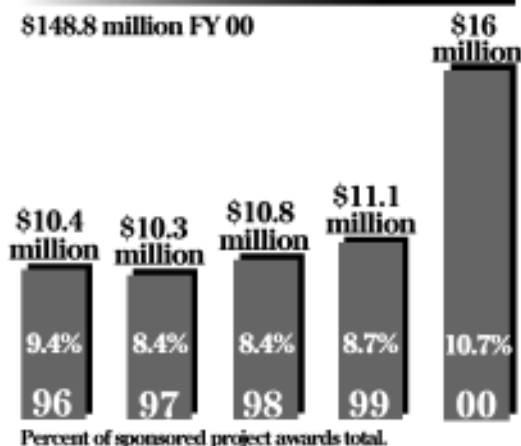
Externally supported research resulted in a \$274.6 million contribution to the Kentucky economy in fiscal 2000. This impact includes \$84.5 million in personal income and 4,509 jobs, 3,183 of which are directly related to research. *Source: IMPLAN Economic Impact Model, UK Center for Business and Economic Research*

External Research Support Grants, Contracts and Gifts



Grants and contracts are another name for sponsored projects. During FY 00 UK faculty and staff attracted \$148.8 million in sponsored projects awards. Another \$6.4 million was given to the university as gifts to be used for research. UK is involved in more than 2,500 externally funded sponsored projects each year.

Industry-Funded Sponsored Projects



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Intellectual Property and Technology Transfer

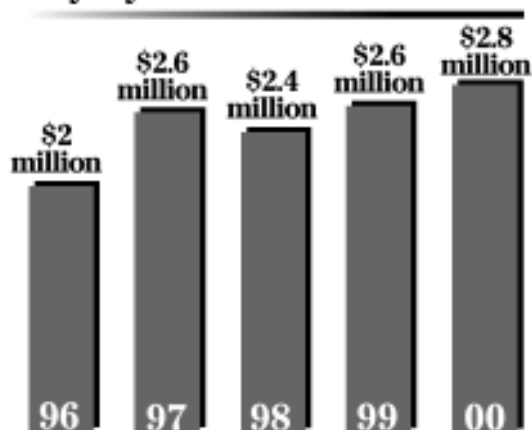
Intellectual property activity is another indicator of a top research university. During FY 00, 27 patents were issued and another 30 applications were submitted for new patents. There were a total of 63 invention disclosures. UK currently holds 225 patents, primarily in the areas of pharmaceuticals, plant biotechnology and biomedical engineering.

UK-originated technologies that are licensed for use by business and industry generated \$2.8 million in royalties during the past year. Top royalty-producing inventions include a nasal delivery method for pharmaceuticals, three vaccines for horses, and an implant device for treating eye diseases.

UK holds 67 license agreements with various companies, 12 of which were issued this past year. Eight licenses were issued to Kentucky businesses.

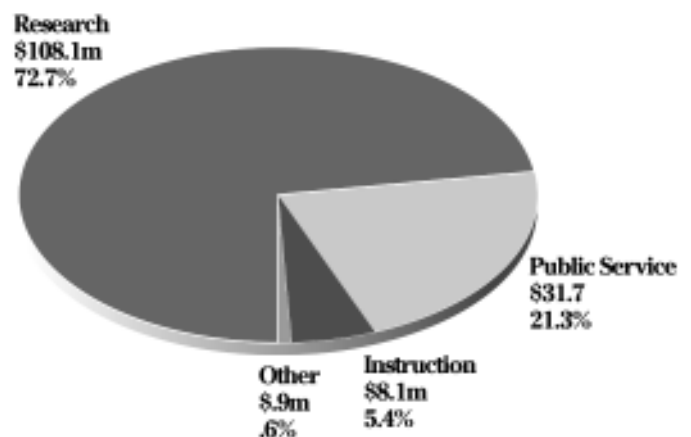
ASTeCC, the Advanced Science and Technology Commercialization Center, “graduated” a number of new faculty start-up businesses last year bringing the total to eight since the building opened in 1994. Several of these companies are now located at the UK Coldstream Research Campus.

Intellectual Property Royalty Income



Sponsored Projects Awards by Function

\$148.8 million FY 00



Sponsored projects are primarily research projects, both basic research and applied research, but also include public service and instructional projects. A fourth category—other—represents sponsored awards for items such as fellowships, computer labs, and curriculum development. The composition of UK’s sponsored projects awards reflects the university’s dual mission as a land-grant university and a research university.

UK’s National Research Rankings

- ❖ 32nd among public universities and 49th among public and private universities in research expenditures *Source: NSF’s Survey of Research and Development Expenditures at Universities and Colleges, based on FY 99*
- ❖ 15th among land-grant universities, 25th among public universities, and 44th overall in licensing income and patents *Source: Association of University Technology Managers, based on FY 99*