

Research @ UK

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UK: A Land-Grant Research University

- Land-grant universities authorized by the Morrill Act of 1862
- Grant of federal lands to provide funds to establish a university in each state
- Land-grant mission: education, research, and public service
- Research is the discovery and application of new knowledge.

Research is an Economic Engine

- \$360 million total R&D expenditures in FY2012
- Equivalent to a direct annual payroll of \$240 million
- About \$14 million in state income tax revenue
- University research creates jobs
 - Directly by employing researchers (faculty, staff, students)
 - Indirectly by employing support positions and secondary jobs in the community.

Breadth of UK's Research Activities

- Basic research
- Applied research
- Translational research

- Strategic investment in research

Basic Research

Subatomic Particles



Tissue Regeneration in Salamanders



Applied Research

Tekcrete Fast[®] Demonstration



HBEER PROJECT

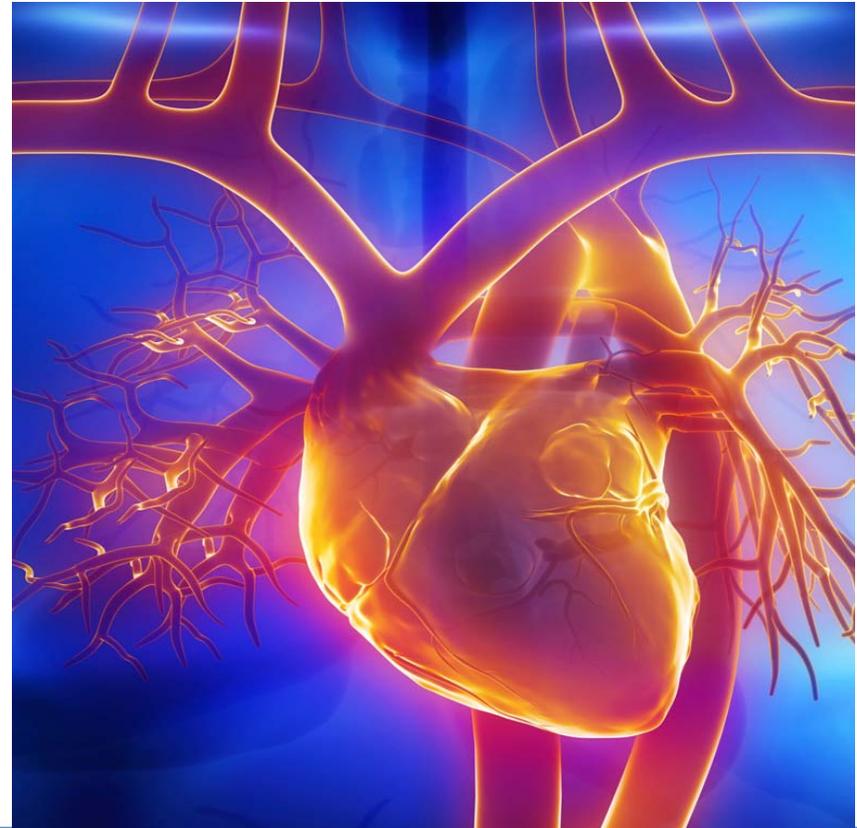
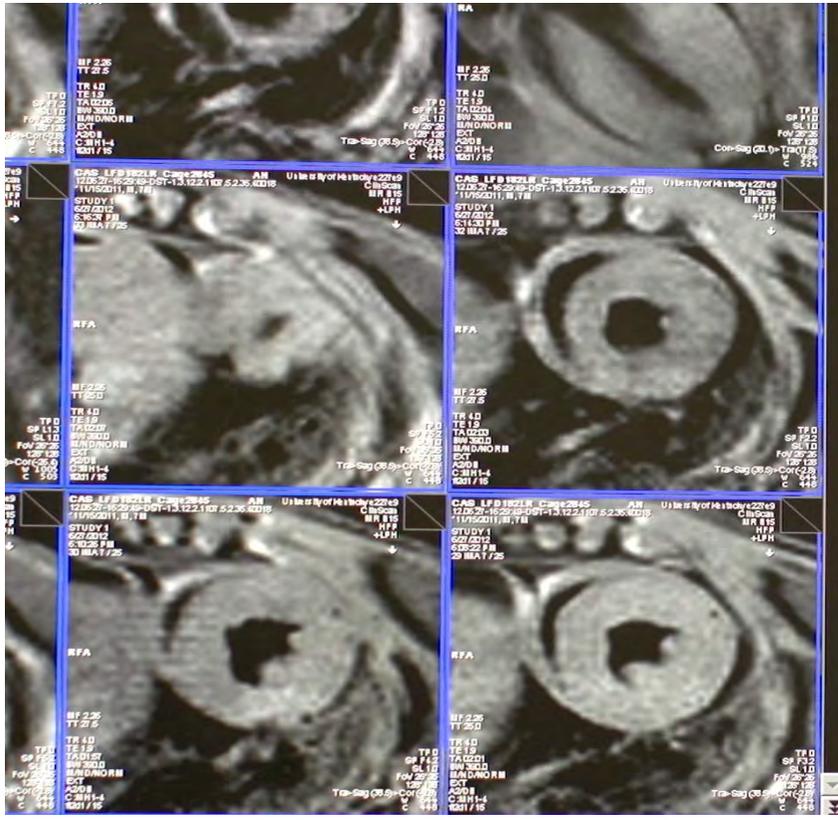


Translational Research

New Treatments for Pediatric Heart Disease



New Treatments for Pediatric Heart Disease



Strategic Investment in Research: BioPharmaceutical Complex



Strategic Investment in Research

- KY Legislature provided \$120 million for construction of three floors of BioPharm
- UK added \$14.5 million to acquire land and shell-in 4th and 5th research floors
- January 2010: BioPharm was dedicated and bottom three floors opened for teaching and research

Strategic Investment in Research

- April 2010: \$12.5 million of State Research Capital Match (Bucks for Brains) plus \$15.5 million from UK funds to fit-up remaining floors.
- November 2011: Top two floors dedicated

BioPharmaceutical Complex



Markey Cancer Center NCI Designation



A faded background image of a University of Kentucky campus scene, showing a large green lawn, trees, and several buildings under a bright sky.

www.research.uky.edu

videos at:
www.research.uky.edu/reveal/