

Research at UK

October 25, 2013

Research Directors Present

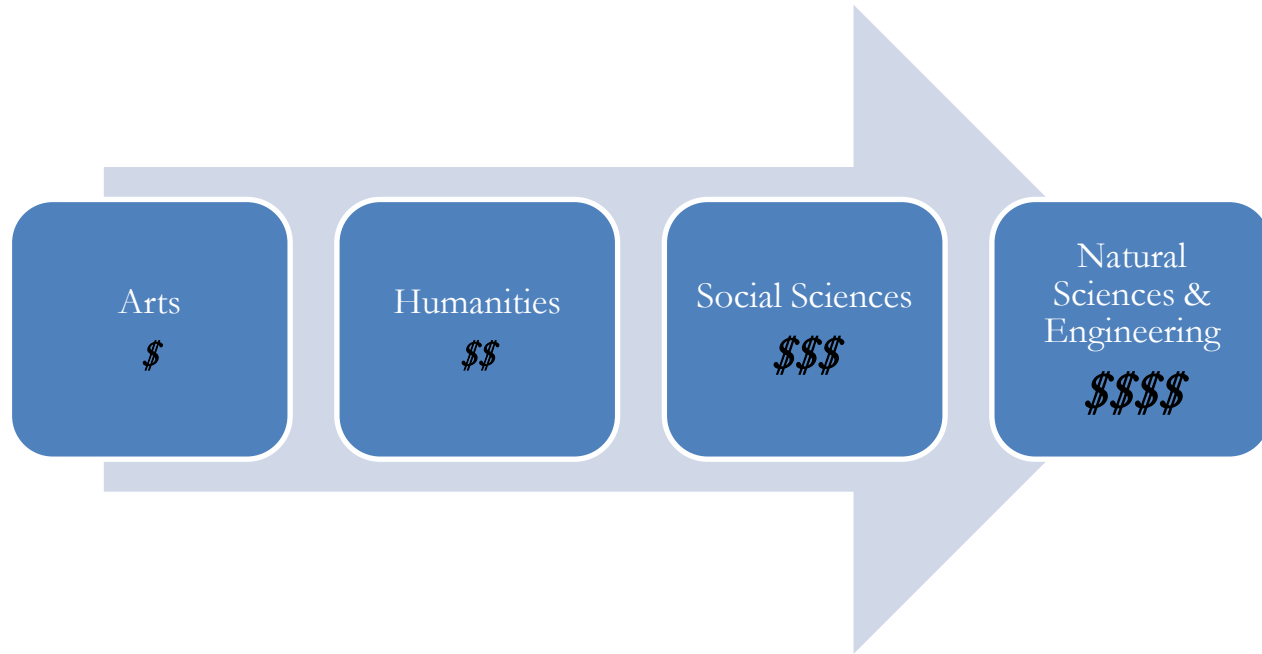
- Rodney Andrews, PhD
 - Department of Chemical Engineering
 - Director, Center for Applied Energy Research
- Nancy Schoenberg, PhD
 - Department of Behavioral Science
 - Director, Community Engagement and Research, Center for Clinical and Translational Sciences

see tomorrow.

Research

- Systematic creative activity
- Discovery and application of new knowledge
- Scientific research: new knowledge about the physical universe and our place in it.
- Other research: new knowledge about culture, society, and the human condition

Research Spectrum



see tomorrow.

Metrics: UK Stats & Ranking

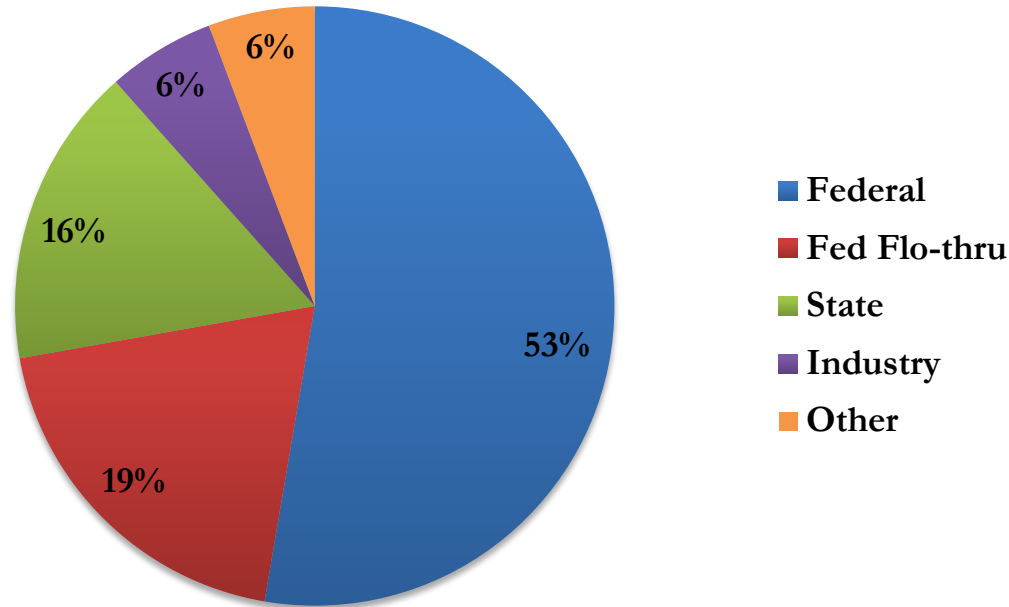
- FY2012 Sponsored Project Expenditures \$354 million
- Federally-funded Expenditures \$178 million
 - NIH \$100 million, NSF \$17.5 million
- Federal Flow-Through Funds \$ 67 million
- State-funded Expenditures \$ 78 million
- Industry-funded Expenditures \$ 16 million
- Funds from Other Sponsorships \$ 15 million

FY2011 NSF Higher Education Research & Development Survey

- #59 among all 912 institutions
- #38 among public institutions
- #17 among public, land-grant universities

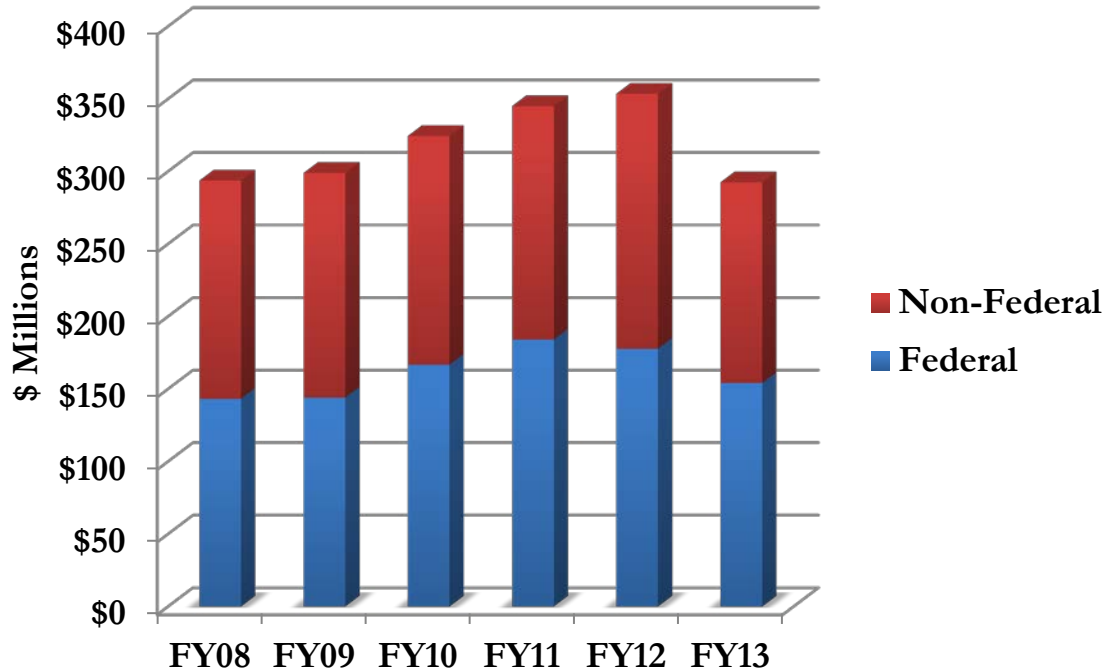
see tomorrow.

Metrics: FY12 Expenditures by Source



see tomorrow.

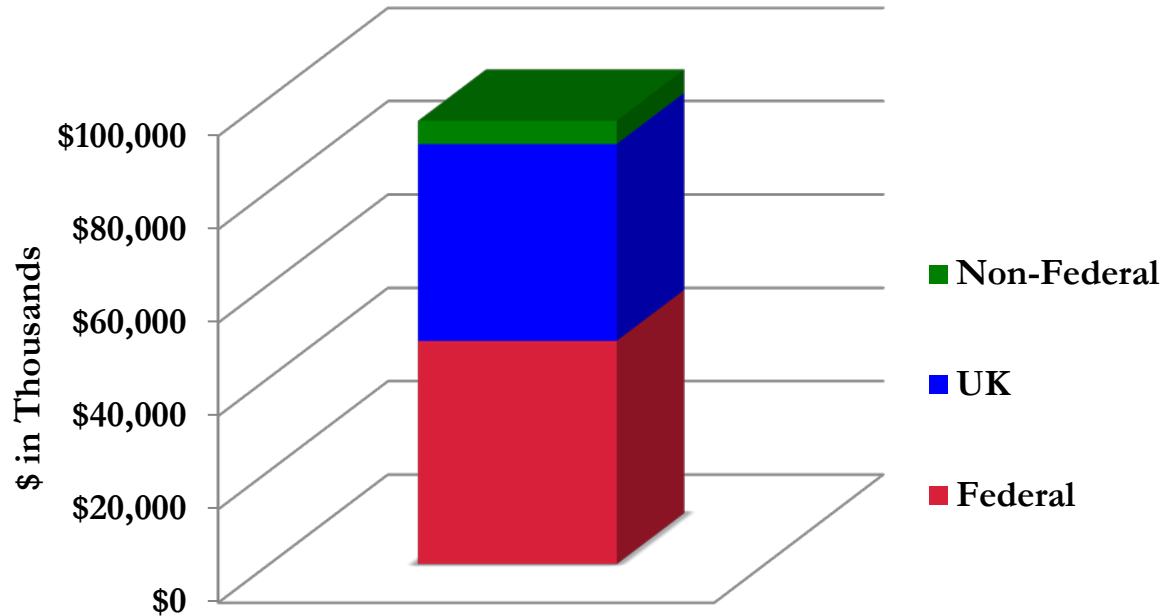
Metrics: Sponsored Expenditures



see tomorrow.

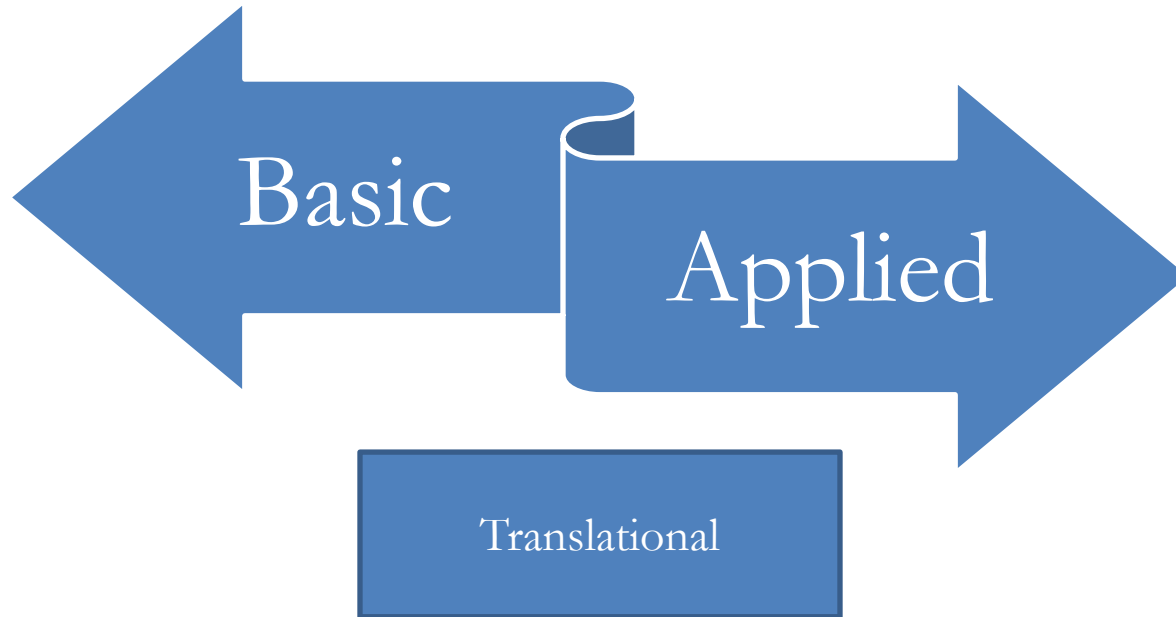
Metrics: Incurred F&A Costs

~\$95 million in FY2011



see tomorrow.

Research Spectrum



see tomorrow.

Strategic Clusters

- Cancer (Markey NCI)
- Energy
- Opera
- Digital Humanities
- Substance Abuse
- Appalachian Network (CCTS)



see tomorrow.

Subatomic Particles



see tomorrow.

Tissue Regeneration



see tomorrow.

Tekcrete Fast[®] Demonstration



see tomorrow.

Tekcrete Fast[®] Demonstration



see tomorrow.

Pursuing Research Excellence

- Strategic investments:
 - Facilities
 - People



see tomorrow.

Strategic Investment

- BioPharm Complex
 - KY Legislature: \$120 million
 - Bucks for Brains: \$12.5 million
 - UK: \$30 million



see tomorrow.

BioPharm Complex



see tomorrow.

THE UNIVERSITY OF KENTUCKY
STRATEGIC PLAN

NCI Designation



see tomorrow.

Questions?



see tomorrow.