

SUSTAINING HIGH COST RESEARCH AND TEACHING FACILITIES AND PROGRAMS

**Paul M. Patterson, Ph.D.
Associate Dean for Instruction
College of Agriculture
Auburn University**



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OVERVIEW

- Not sure that we have the answers ...
- Our facilities are managed at the department level – budgeting, staffing, operations
- Focus primarily on facilities—facilities on AU campus; will comment on programs
- Focus is on personnel and operating costs; do not address capital costs



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BEEF TEACHING CENTER

FEATURES

- Department of Animal Sciences
- Built in 2003
- Has two animal metabolism rooms & a prep lab for beef cattle research projects
- Has two working chutes (manual & hydraulic)
- Has a modern classroom & conference room
- Is AAALAC International Accredited
- Serves as a teaching laboratory
- Herd consists of approximately 40 registered Angus & 20 registered Beefmaster cows.

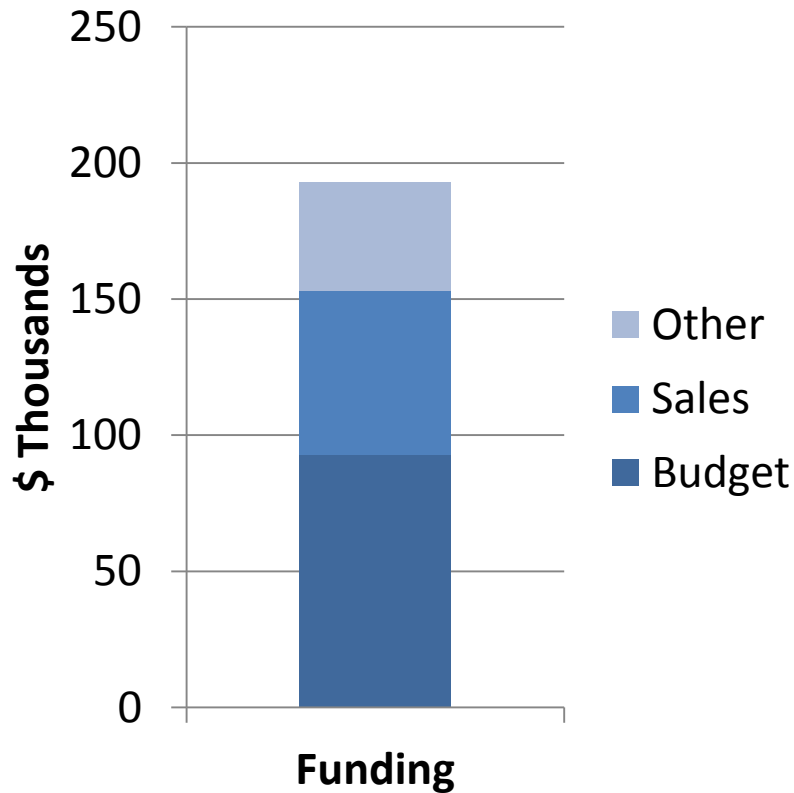


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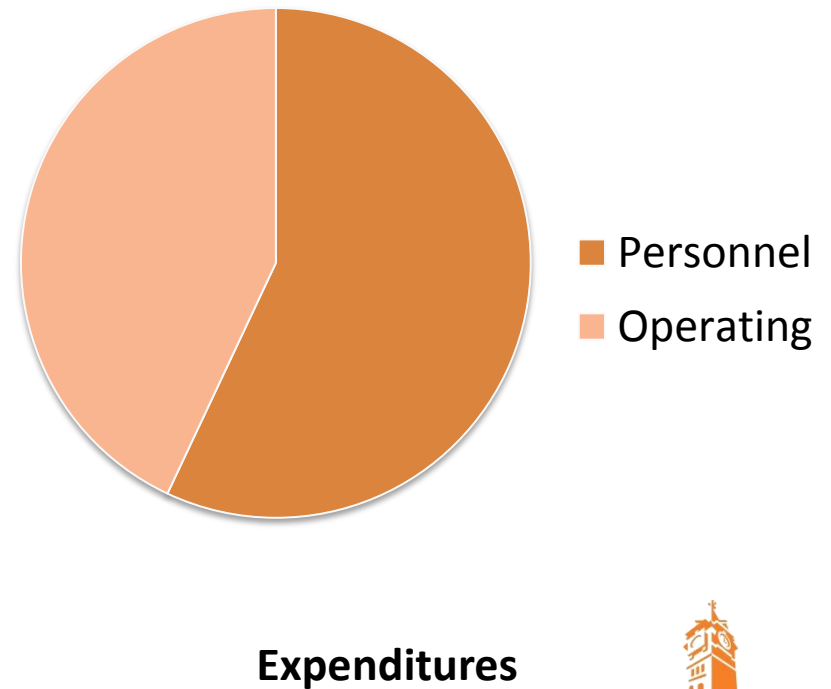
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BEEF TEACHING CENTER (FY '12)

Total Funding: \$193,000



Total Expenditures: \$193,000





LAMBERT-POWELL MEATS LABORATORY

FEATURES

- Department of Animal Sciences
- State of the art teaching, research, and extension facility
- Research is conducted in the areas of meat quality, meat processing, & food safety
- Fully functional inspected facility under the jurisdiction of the U.S.D.A.
- Has a retail sales room open to the public, sales include: fresh pork and beef, as well as bacon, sausages, smoked brisket and ham

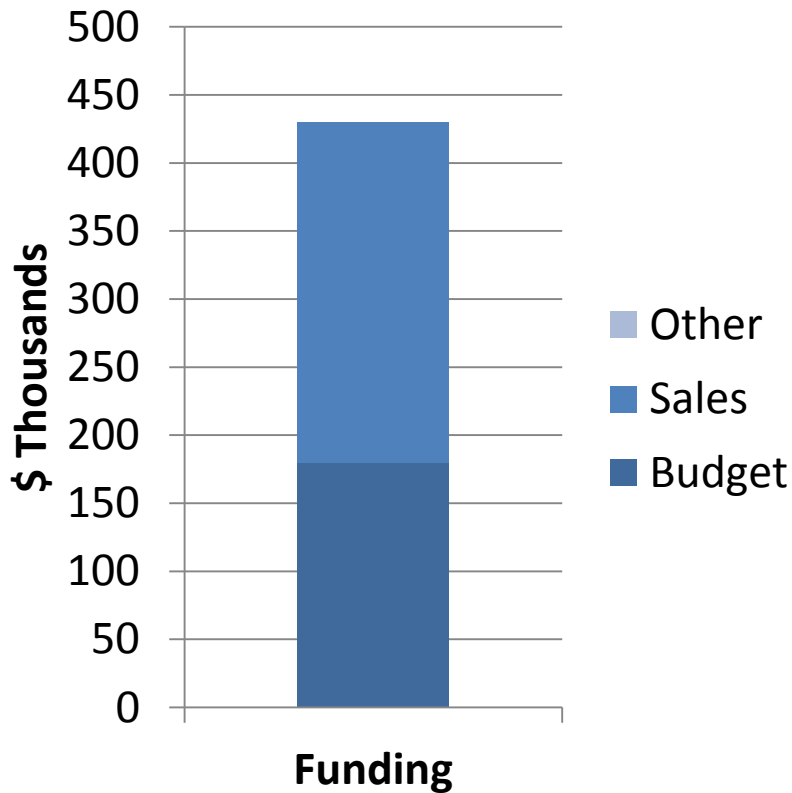


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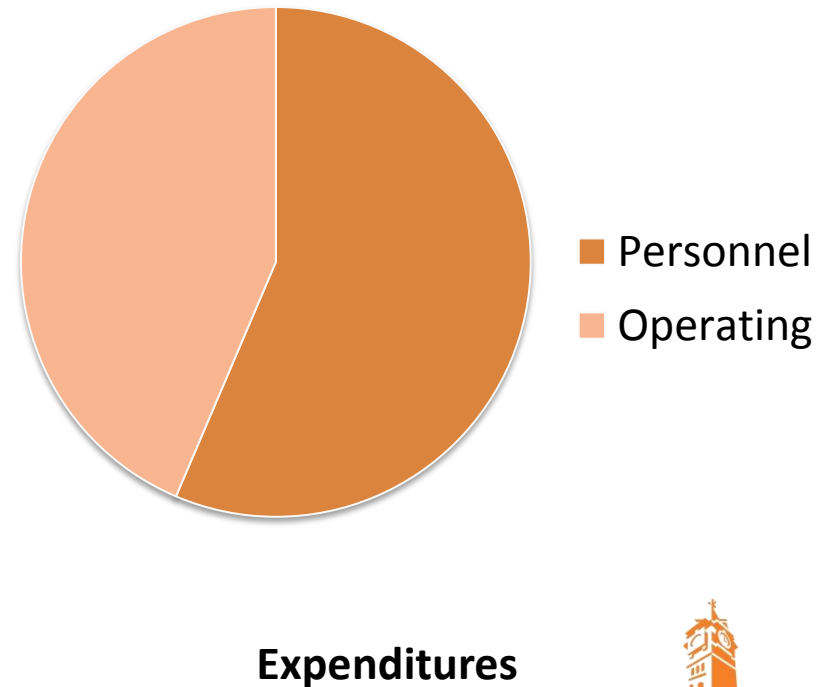
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LAMBERT-POWELL MEATS LABORATORY (FY '12)

Total Funding: \$430,000



Total Expenditures: \$429,000





HORSE CENTER

FEATURES

- Department of Animal Sciences
 - Center for equine teaching, research, extension and performance activities
 - Used each semester for demonstrations and hands-on laboratories
 - The Auburn University NCAA Women's Equestrian Team calls the center home for daily practices and competitions
- Sits on 60 acres, is home to 50-70 Quarter Horses, Thoroughbreds, and warmbloods.
- Barn includes a 10- stall barn, covered farrier, and veterinary treatment area, laboratory space, two tack rooms, locker room, and office.
 - Has two outdoor performance arenas

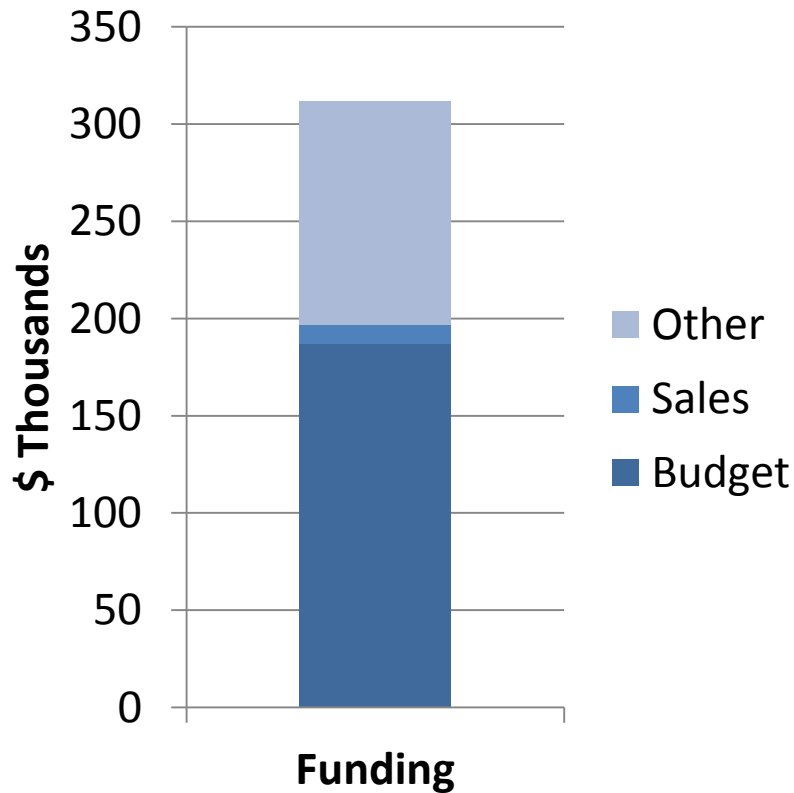


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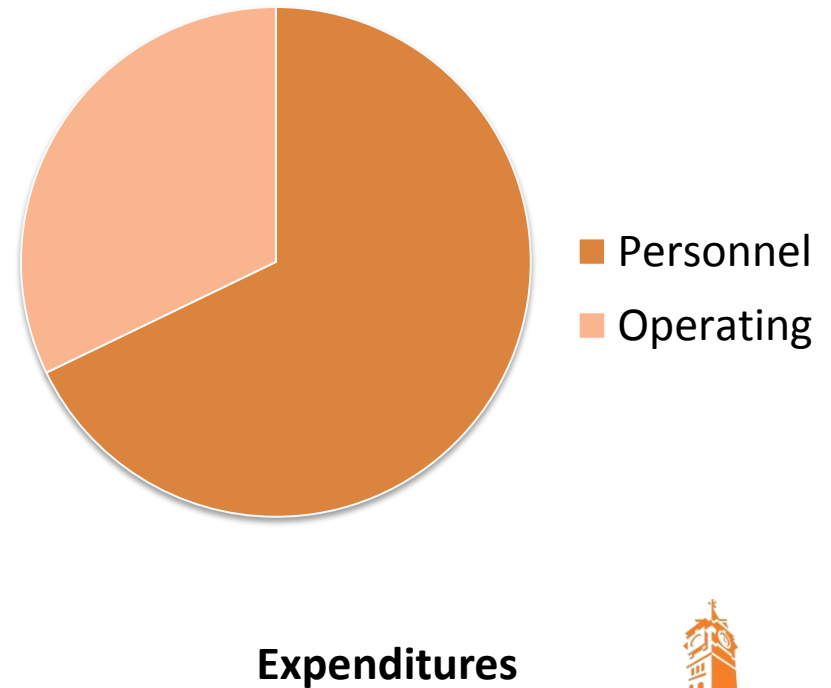
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HORSE CENTER (FY '12)

Total Funding: \$312,000



Total Expenditures: \$311,000



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SWINE RESEARCH & EDUCATION CENTER

FEATURES

- Department of Animal Sciences
- Farrow to finish facility constructed in 2006
- Student employees are involved in all aspects of production, from breeding and delivery of piglets through feeding and care of hogs bound for processing.
- Research is conducted in the areas of swine nutrition, growth biology, reproductive biology, and nutrient management
- Follows biosecurity practices, including shower-in, shower-out procedures for all employees and visitors to protect the health of the animals.

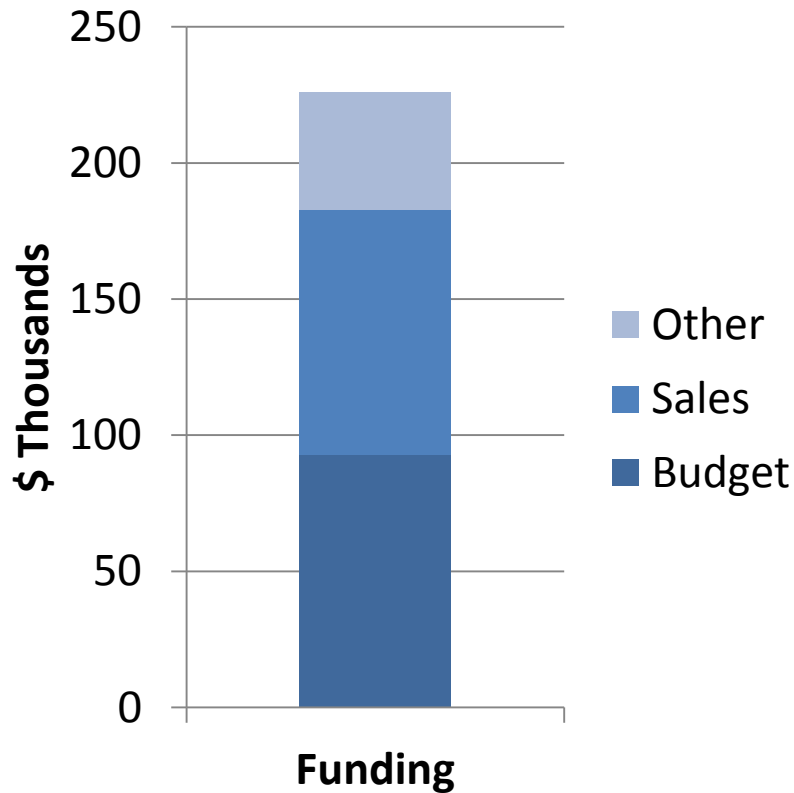


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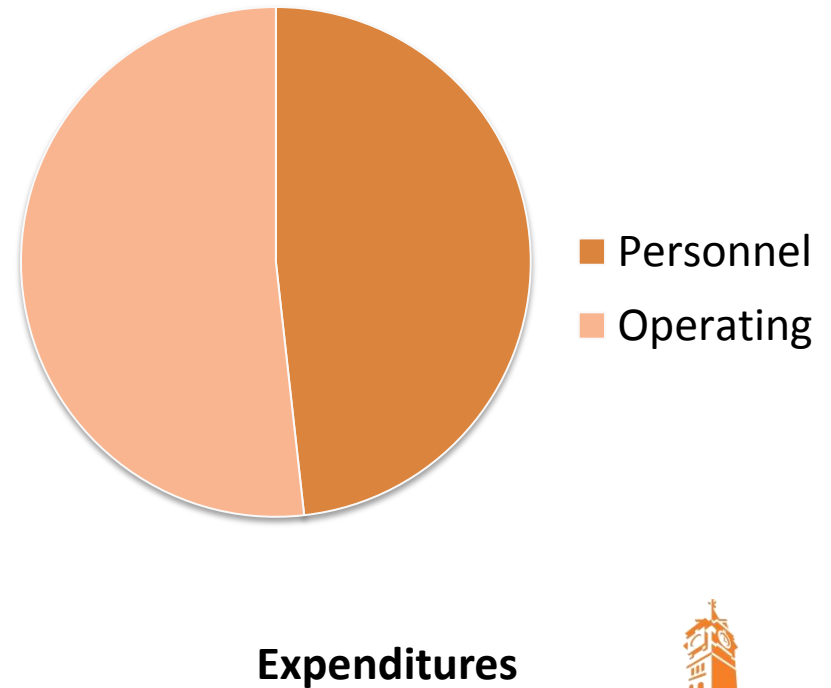
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SWINE RESEARCH & EDUCATION CENTER (FY '12)

Total Funding: \$226,000



Total Expenditures: \$226,000





E.W. SHELL FISHERIES CENTER

FEATURES

- School of Fisheries, Aquaculture, and Aquatic Sciences
- Approximately 1,606 acres with 235 ponds (220 acres of water)
- Center used for research and teaching in aquaculture, aquatic ecology, and fisheries management.
- The Center for Aquatic Resources Management consists of an administration building with more than 20,000 square feet and a 17,000 plus-square-foot laboratory building.
- Center contains a teaching lab, hatchery, meeting room, holding area for sorting weighing and counting fish, and a marker room open for public sales

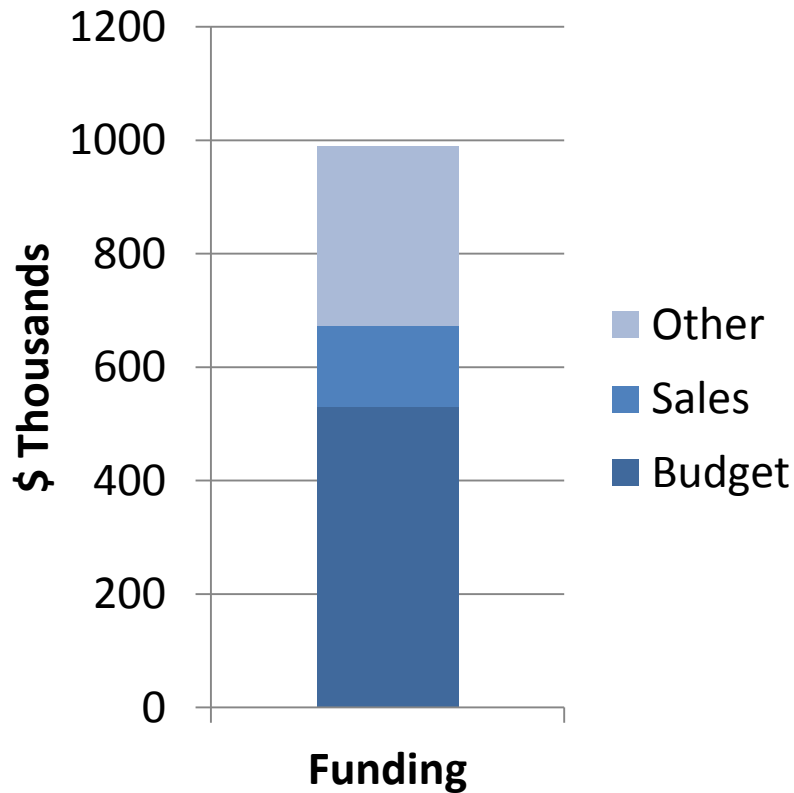


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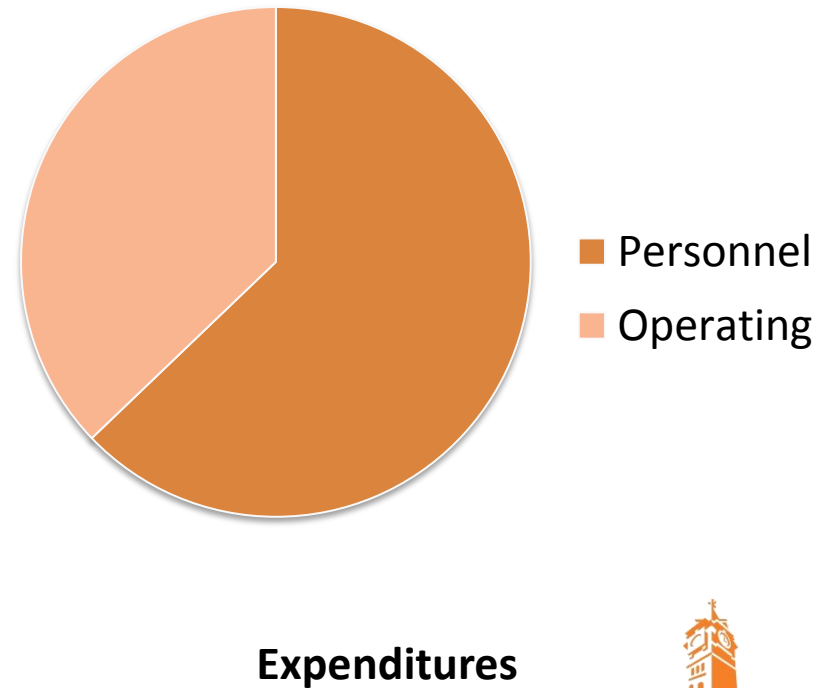
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E.W. SHELL FISHERIES CENTER (FY '12)

Total Funding: \$989,000



Total Expenditures: \$1,012,000





POULTRY RESEARCH FARM

FEATURES

- Department of Poultry Science
- 21 different buildings, includes a processing plant with further processing and test kitchen, hatchery, feed mill, 8 floor pen houses, cage layer house, battery house, 2 environmental houses, and a bio containment house
- Research areas include: nutrition, gut health, disease, vaccine, validation of new products for F.D.A. approval, meat quality, food pad quality, and validation processing equipment



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ANIMAL NUTRITION CENTER



FEATURES

- Department of Poultry Science
- Opened in 2012
- \$7.1 million dollar facility
- Housed inside a 12,500 square foot building
- 9 modules 40 x 8 x 9 which comprise all equipment
- Small scale adaptation of a commercial facility
- Designed for students hand on learning
- Increase process control to meet research needs well into future
- Expand Auburn extension mission via industry short courses
- Provide diets for other university animals

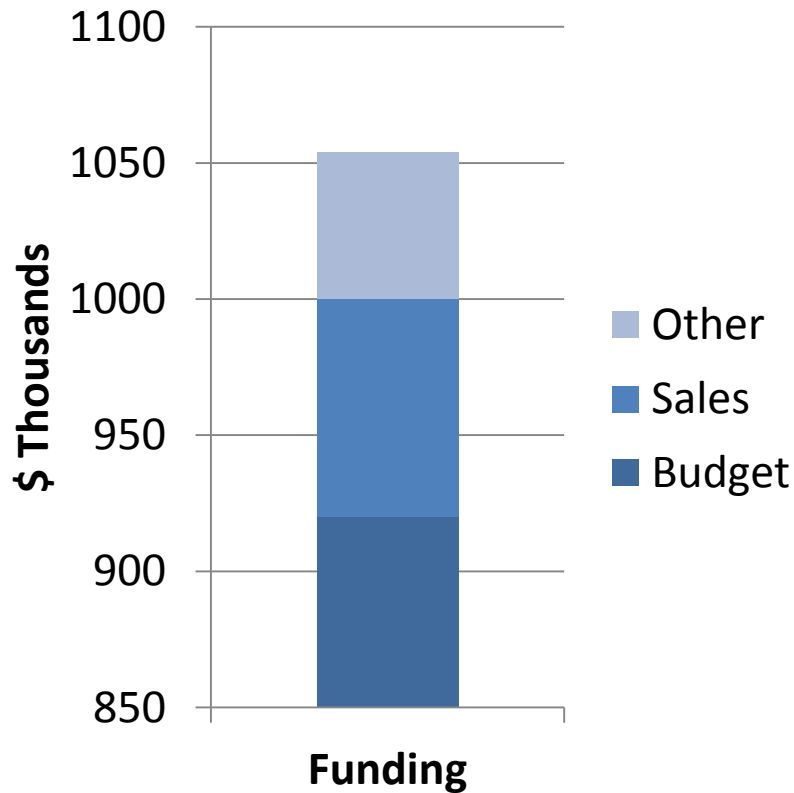


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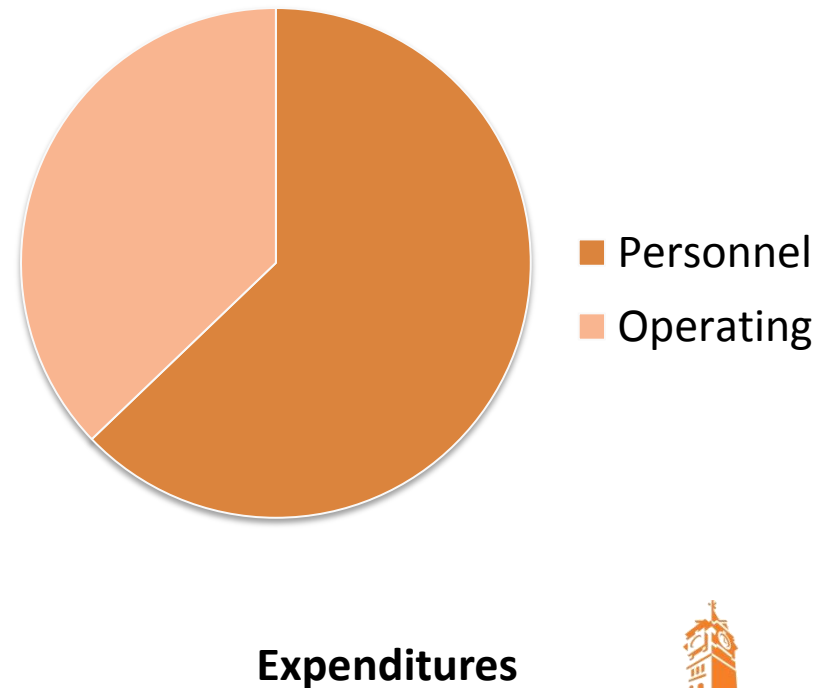
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POULTRY RESEARCH FARM AND FEEDMILL (FY '12)

Total Funding: \$1,054,000



Total Expenditures: \$1,214,000





PATERSON GREENHOUSE

FEATURES

- Department of Horticulture
- Established in 1947, renovated in 2002
- Serves the Cooperative extension, research, and instruction needs of undergraduate and graduate students, as well as faculty for work in greenhouse production, outdoor nursery production, and fruits and vegetables.
- 8 acre facility comprised of 87,120 square feet of outdoor irrigated nursery, 22,500 square feet of greenhouse space, a retractable-roof house, 4 shade houses, a soil mixing/potting building, offices, pesticide storage, walk-in cooler, and a fully-equipped classroom.

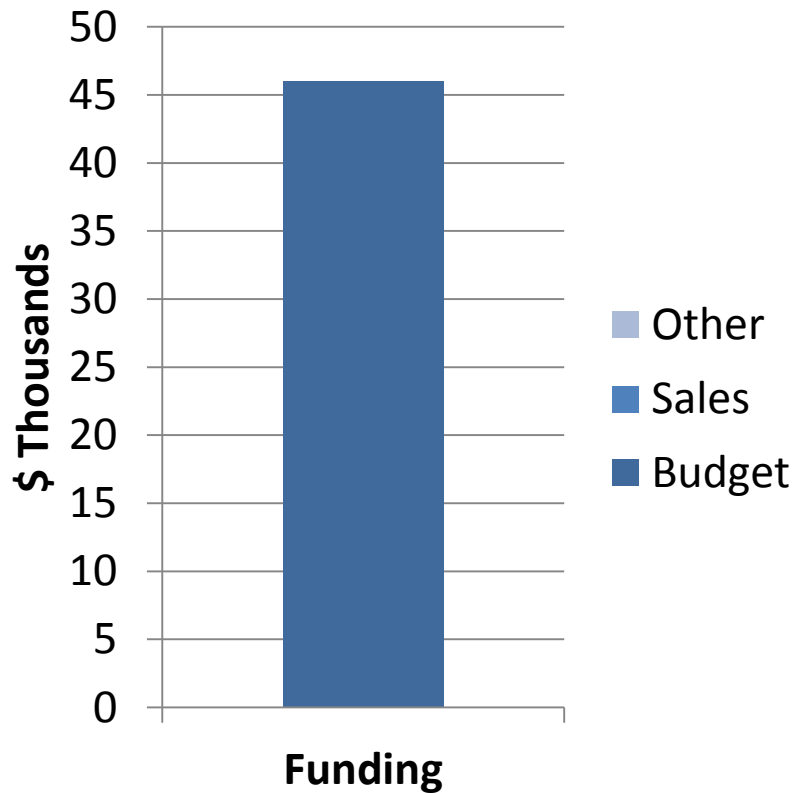


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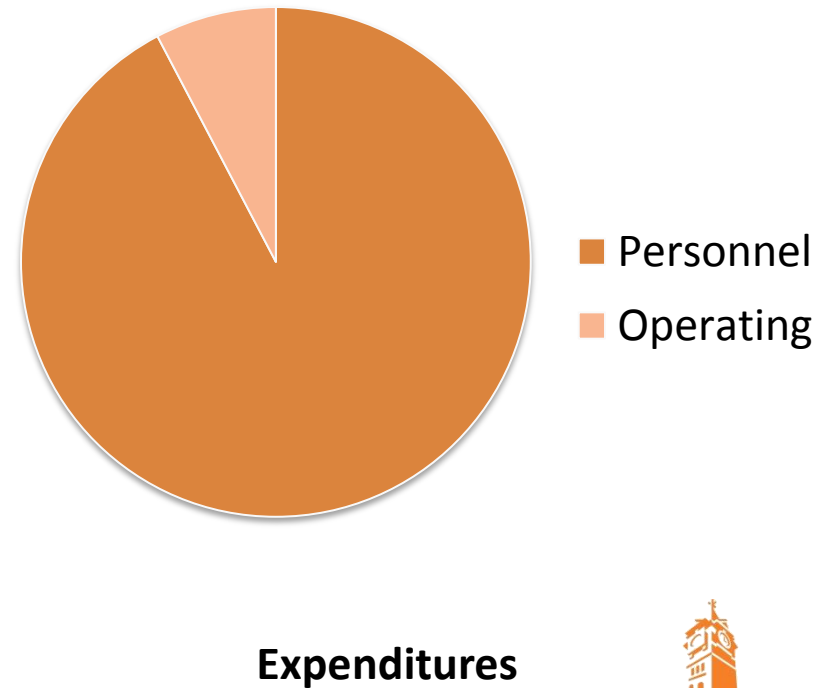
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PATERSON GREENHOUSE (FY '12)

Total Funding: \$46,000



Total Expenditures: \$78,000



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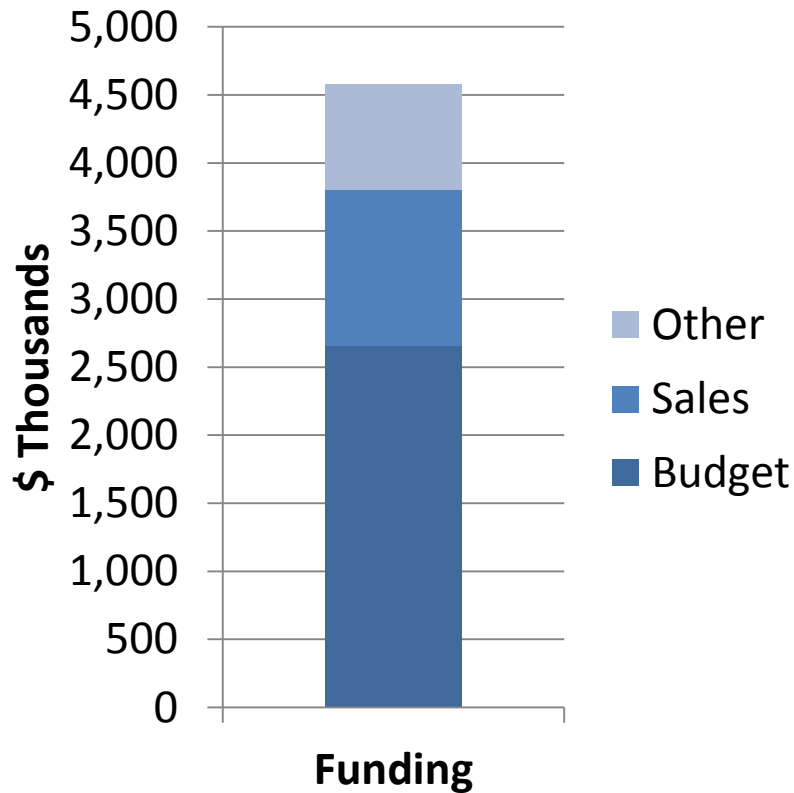
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OTHER FACILITIES

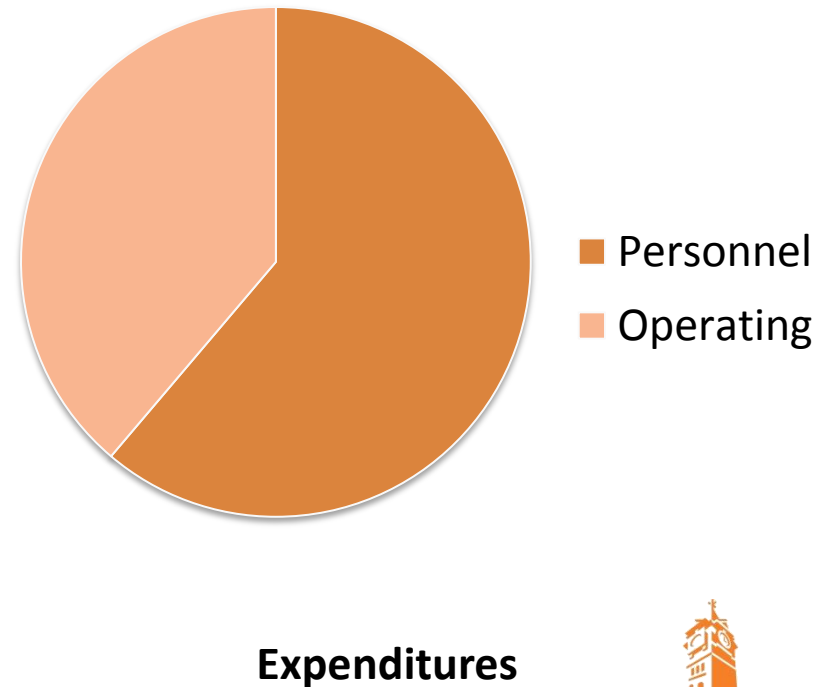
FACILITY	DEPARTMENT	TOTAL EXPENDITURES (FY '12)
Turfgrass Unit	Crop, Soil, & Environmental Sciences	\$30,000
Soils Testing Lab	Crop, Soil, & Environmental Sciences	\$334,000
Research Instrumentation Lab	Biosystems Engineering	\$52,000
Genomics & Sequencing Lab	Entomology & Plant Pathology	\$101,000
West Alabama Fish Farming Center	Fisheries, Aquaculture, & Aquatic Sciences	\$203,000
AUMERC & AU Shellfish Lab	Fisheries, Aquaculture, & Aquatic Sciences	\$653,000

ALL AU FACILITIES (FY '12)

Total Funding: \$4,576,000



Total Expenditures: \$4,837,000



OPTIONS & OPPORTUNITIES

- Funding (Revenues)
 - Public
 - Legislative support – Not likely
 - Private support (Gifts or research collaboration) – Possible
 - Additional support from Extension - Possible
 - More sales – Possible, but marginal impact
 - Faculty
 - Charges for use of facilities (grants)
 - Students
 - Course fees/program fees



OPTIONS & OPPORTUNITIES

- Expenditures
 - Personnel Expenses
 - Achieve some economies of scope
 - Higher manager/instructors
 - Operating Expenses
 - Manage expenses across units
- Programs
 - Simulations/Video Demonstrations/Distance Ed
 - Regional collaborations



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