

Food Systems Leadership Institute Residential Session #2

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FSLI Site Director

February 17, 2020



THE OHIO STATE UNIVERSITY

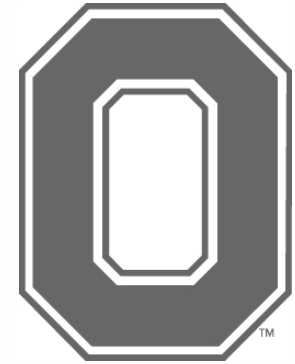
COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Overview

- The Ohio State University
- College of Food, Agricultural, and Environmental Sciences
- Challenges
- Future directions
- Introduce VP/Dean Cathann Kress



The Ohio State University



- The only major public university in Ohio
(IL, MN, MO, NE, OH, WI vs IA, IN, KS, MI, ND, SD)
- Enrollment of 68,262 students for fall 2019
 - 61,391 on Columbus Campus
 - 6,871 among five regional campuses
- Average ACT score of incoming freshmen is 29.5

The Ohio State University

- ~54% acceptance rate
- Pell grant program & Tuition guarantee program
- Digital Flagship Program
- Discovery Themes
- Big 10 Conference
- Responsibility Centered Management (RCM) budget model



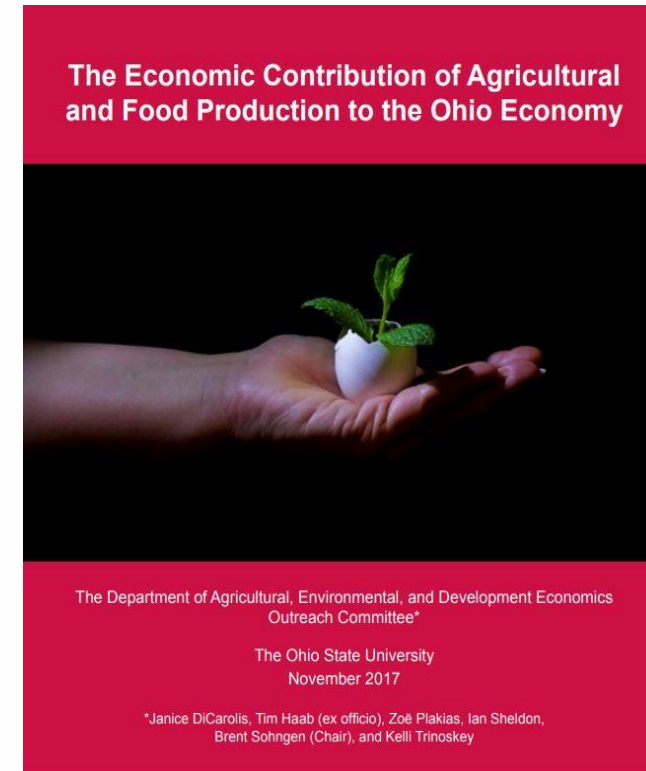
Strong Culture of Interdisciplinary Effort



- CFAES Discovery Themes
 - Sustainability Institute (from SRE)
 - Foods for Health
 - Initiative for Food and AgriCultural Transformation (InFACT)
 - Infectious Disease Institute

Ohio Food, Agriculture, and Environment Economic Drivers

- \$1 for every \$13 of the Ohio GSP
- 1 in every 8 jobs



Ohio Food, Agriculture, and Environment Economic Drivers

- Paper industry
- Secondary wood products
- Primary wood production
- Hunting, fishing, & wildlife viewing
- Turfgrass & lawncare
- Greenhouse, nursery & floriculture
- Restaurants & Bars
- Hogs
- Poultry & eggs
- Beef cattle, Dairy
- Hay and haylage
- Soybeans, corn
- Food Wholesale/retail
- Fruits, vegetables
 - Apples
 - Tomatoes, sweet corn, bell peppers, pumpkins, cucumbers

College of Food, Agricultural, and Environmental Sciences

One College. Three Missions. All Ohio.



As a land-grant institution, the College of Food, Agricultural, and Environmental Sciences supports the industry by conducting research, training the next generation of agricultural leaders, and utilizing OSU Extension to engage stakeholders.

One College. Three Campuses.

COLUMBUS

WOOSTER

STATEWIDE



Extension offices in each county
Outlying Agricultural Research Stations



● COUNTY OHIO STATE UNIVERSITY EXTENSION OFFICES

■ CFAES CAMPUSES AND OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER AGRICULTURAL RESEARCH STATIONS

- | | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Ashtabula Agricultural Research Station | 10. Ohio State ATI, Grace L. Drake Agricultural Laboratory and Hawk's Nest Golf Course |
| 2. Columbus Campus and Chadwick Arboretum | 11. OSU South Centers |
| 3. Eastern Agricultural Research Station | 12. Pomerene Forest Laboratory |
| 4. Jackson Agricultural Research Station | 13. Stone Laboratory |
| 5. Molly Caren Agricultural Center | 14. Waterman Agricultural and Natural Resources Laboratory, Wilma H. Schiermeier Olentangy River Wetland Research Park, and Don Scott Livestock Facilities |
| 6. Muck Crops Agricultural Research Station | 15. Western Agricultural Research Station |
| 7. North Central Agricultural Research Station | |
| 8. Northwest Agricultural Research Station | |
| 9. Wooster Campus and Secrest Arboretum | |



THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

cfaes.osu.edu

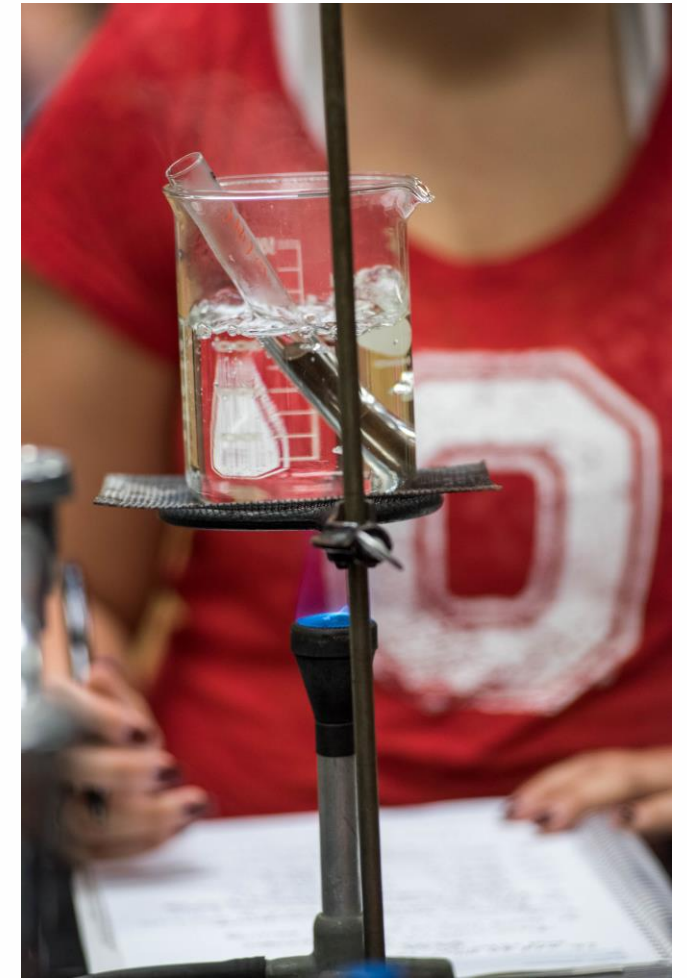
CFAES Enrollment

- Columbus Undergraduate population: 2334
- Graduate population: 507
- Regional campuses: 720
- Total enrollment: 3578 (3666 Fall 2018)



CFAES Academics

- 10 departments/schools
- 22 UG majors offered in Columbus
- 9 graduate programs
- 4 interdisciplinary graduate programs
- 5 professionally oriented Master's degrees



CFAES Grand Challenges

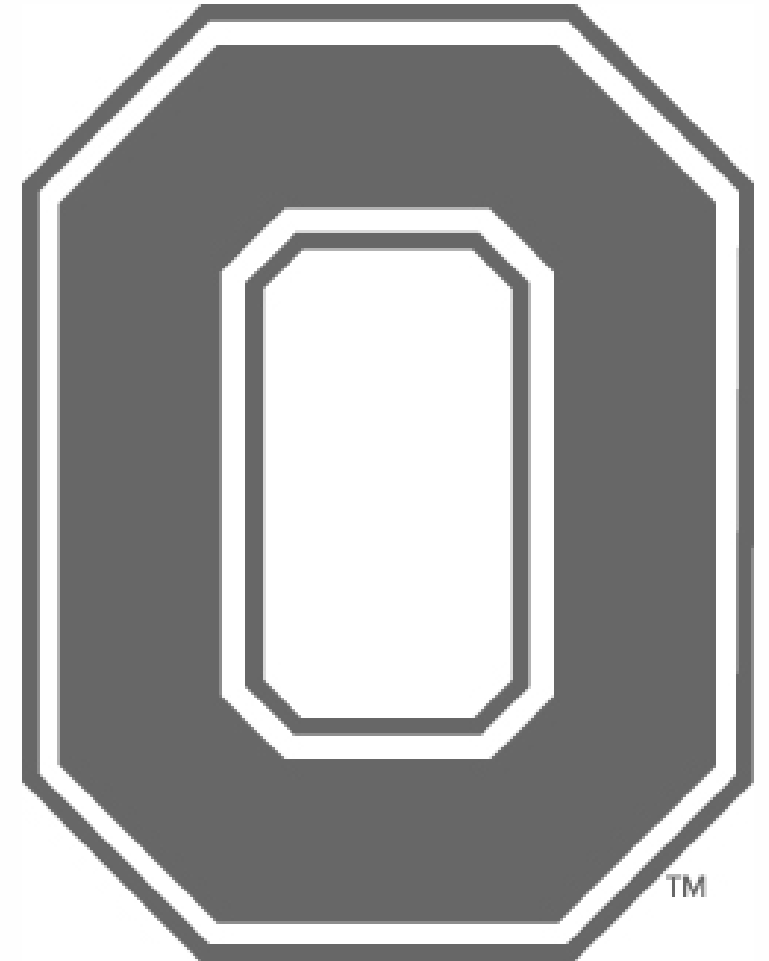
- **Sustainability** – viable agriculture production, food security and safety, environmental and ecosystem sustainability simultaneously
- **One health** – where human health, animal and environmental health intersect or interact
- **Rural-urban interface** – tensions and opportunities created in the communities, industries, policies,
- **Leadership** – preparing the next generation of scientists and leaders

Budget Overview

- CFAES Base Budget: \$139 M
- CFAES Total Budget: \$233 M

- Extension State: \$24.1 M
- Extension Federal: \$14.3 M

- Research State: \$36.4 M
- Research Federal: \$8.4 M



FY 2019 Extramural Funding

EXPENDITURES

Funds spent on personnel, supplies, and services from sponsored projects

\$44 M
974 active grants

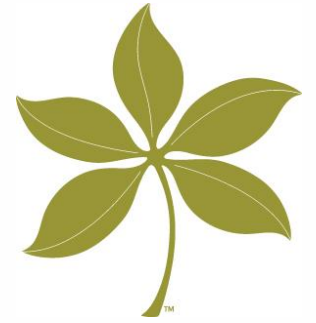
SUBMISSIONS AND AWARDS	
PROPOSALS	AWARDS
449 proposals submitted	375 awards
\$276M in funds requested	\$56M in awards

INTELLECTUAL PROPERTY	
4 New Patents Issued	
22 Invention Disclosures	
37 New Inventors	
\$150,000 Total Licensing Revenue	



SPONSORED PROGRAM FUNDING SOURCES

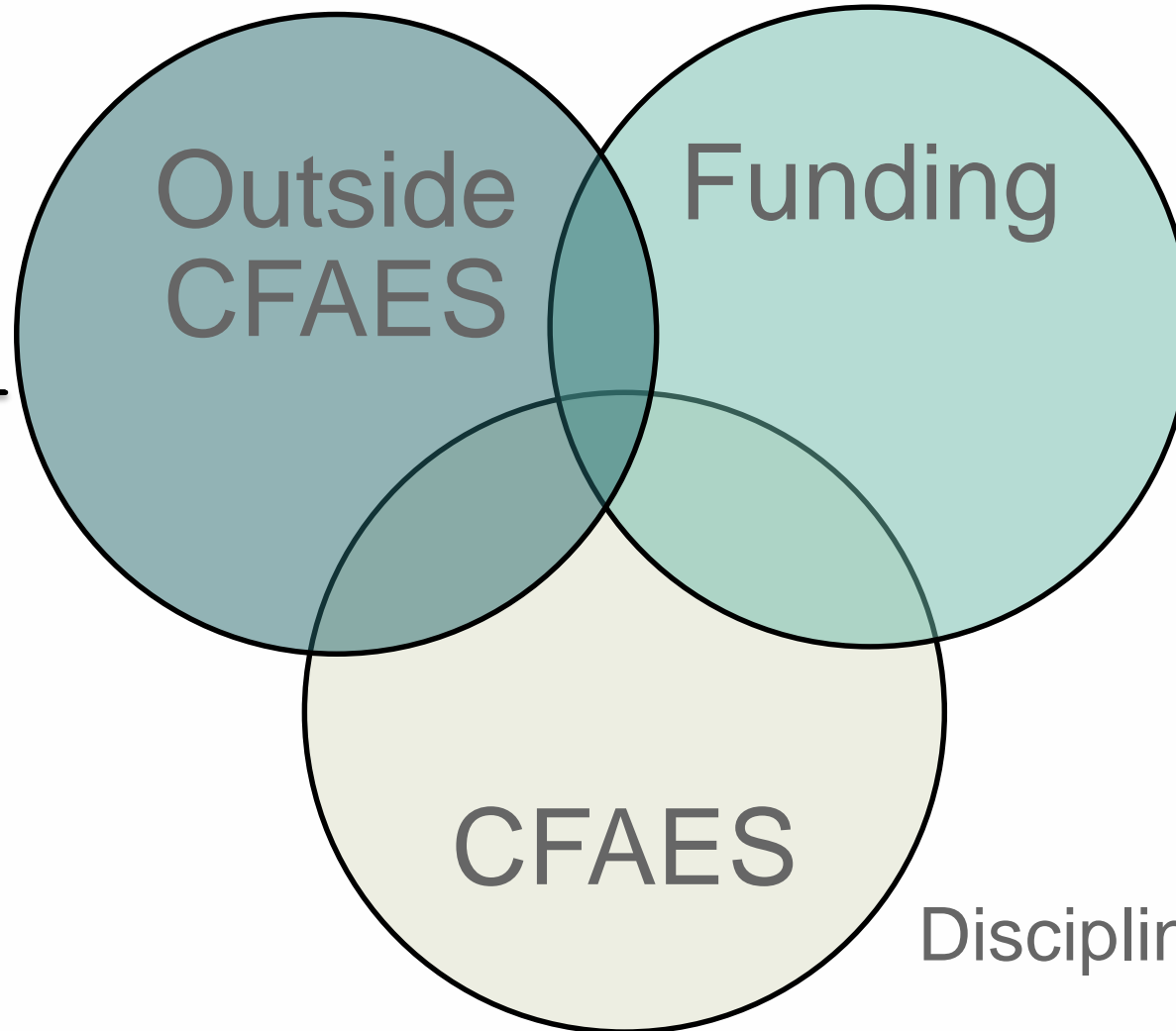
Future Challenges



- Flat to declining budgets
- Budgets tied to enrollment
- Demonstrating relevance
- Increased emphasis on accountability
- Public-private partnerships
- Increasing compliance requirements
- Diversifying revenue sources
- Keeping faculty & curricula current with advancements in technology and approaches within industry
—(e.g., AI)
- Defining Scholarship

What Does the Future Hold?

Engineering
Nutrition
Health
Chemistry
Economics
Social Science
Etc.



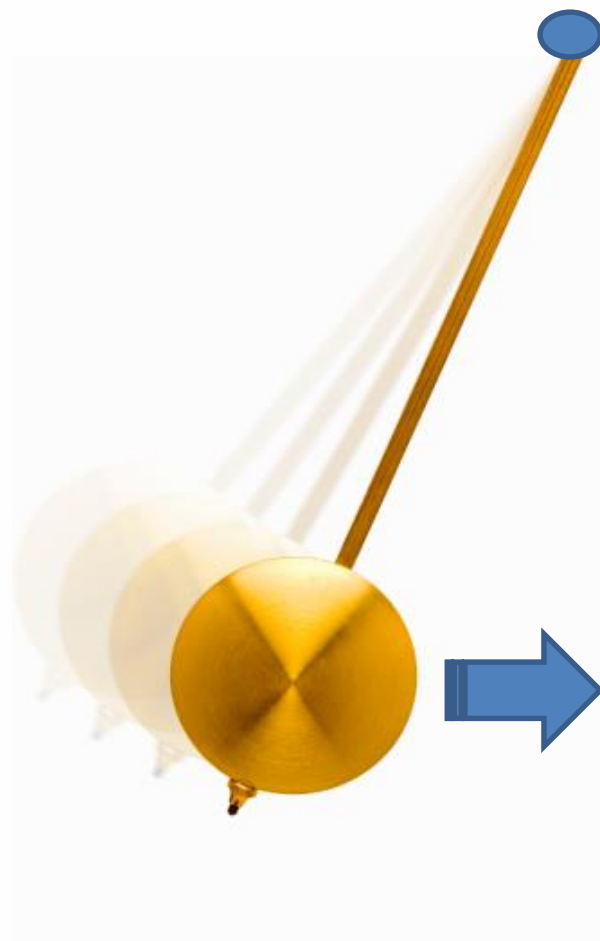
Federal
State
IP revenue
Foundations
Industry
Industry consortia
Commodity
SEEDS

Disciplines/Expertise/Ideas

The Research Pendulum

BASIC

Academic
Long-term



APPLIED

Stakeholder
Impact
(aka Convergence Science)

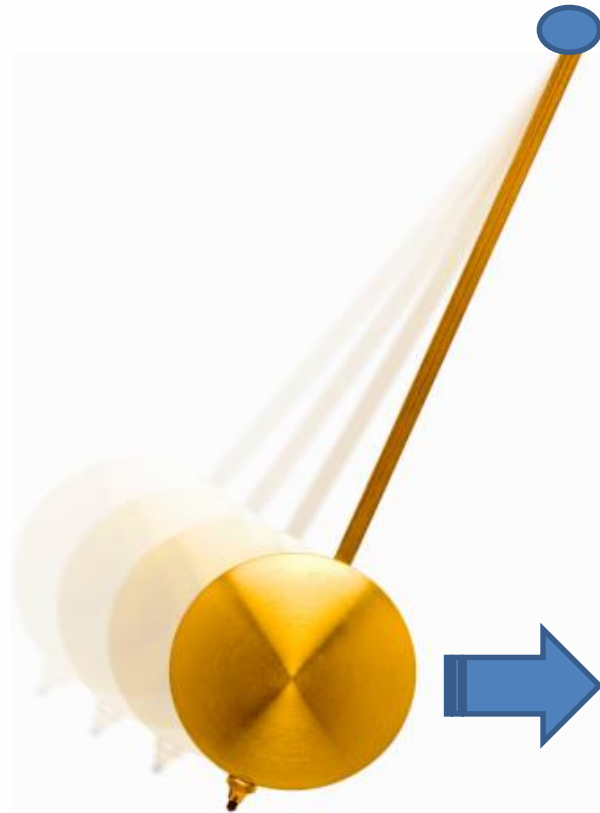


The Extension Pendulum

What does your college offer?

OSU Extension

Connecting The Ohio State University to Ohioans



What knowledge & resources can your college help bring to bear on an issue?

Knowledge Exchange

College of Food, Agricultural, and Environmental Sciences



Cathann A. Kress, PhD

Vice President for Agricultural Administration and Dean,
College of Food, Agricultural, and Environmental Sciences

ABOUT *the* VP