



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

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# NIFA Overview

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# NIFA's Mission

***Invest in and advance agricultural research, education, and extension to solve societal challenges***

## Science

Catalyze exemplary research, education, and extension programs

## People

Transform NIFA into a model agency with a motivated work force

## Process

Institutionalize streamlined, effective policies and processes

## Communication

Advance America's global preeminence in food and ag sciences

# Priority Science Areas

- Food Security
- Climate Variability and Change
- Water
- Sustainable Bioenergy
- Childhood Obesity Prevention
- Food Safety



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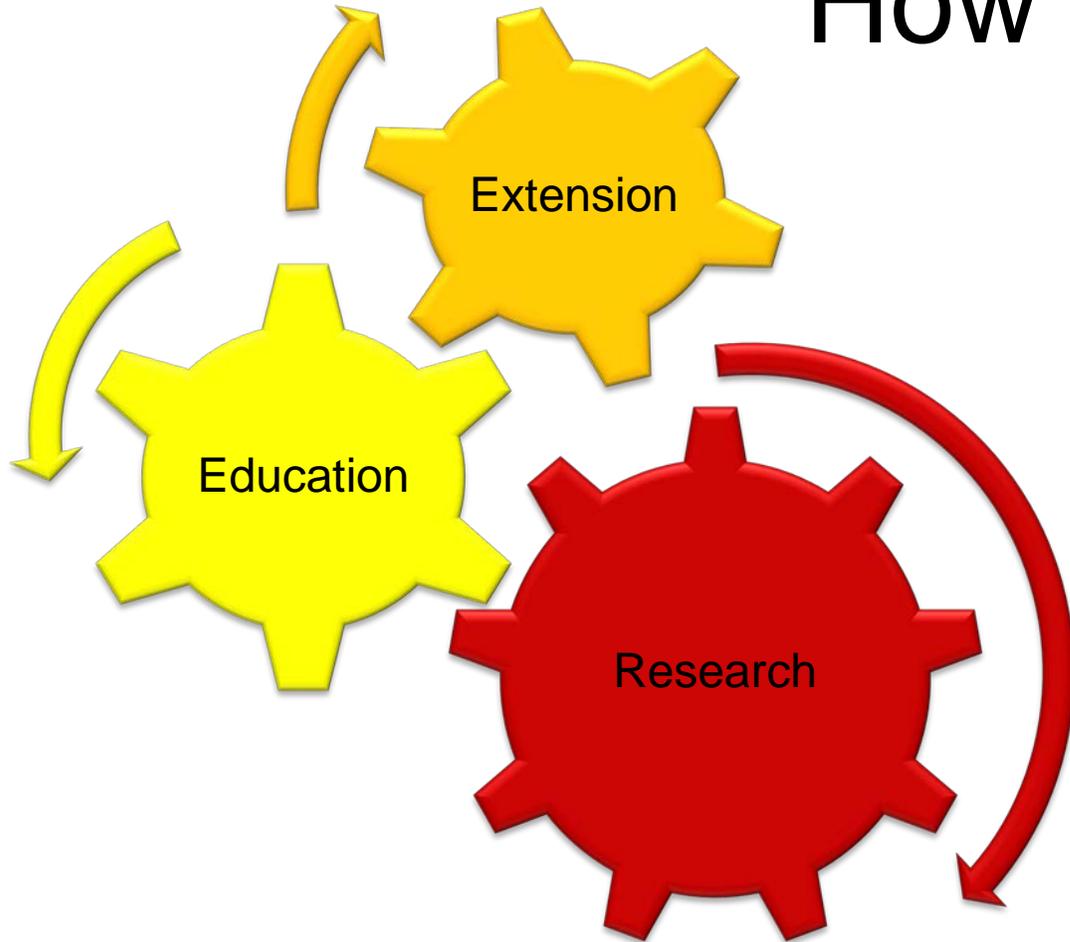
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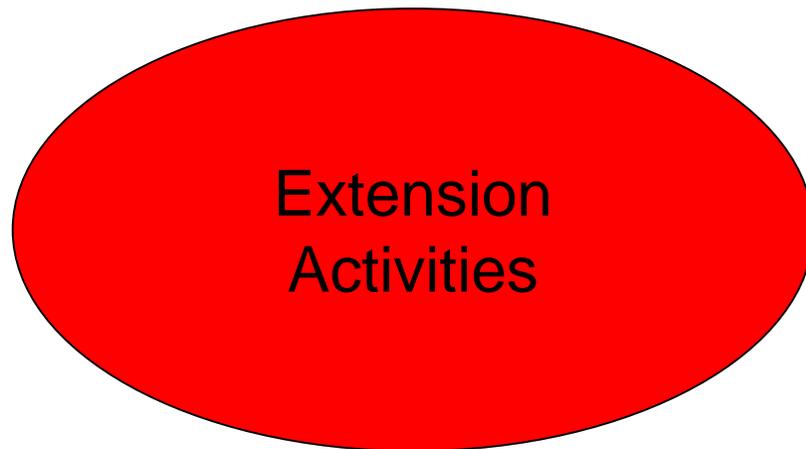
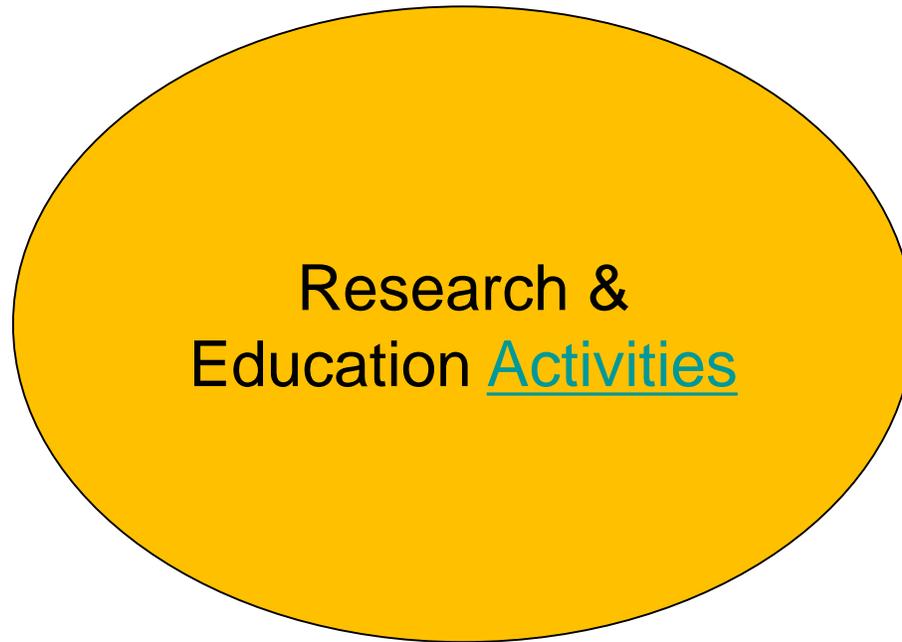
# What we do.....

- Meet the growing global food demand
- Fight hunger and food insecurity in vulnerable populations
- Develop regional systems for sustainable production of optimal biomass
- Help farmers and ranchers adapt to changing weather patterns
- Ensure that nutritious foods are available at affordable prices
- Reduce greenhouse gas emissions
- Enhance youth and family development
- Build energy independence
- Strengthen educational capacity to prepare the next generation of scientists, agricultural producers, and educators
- Restore and sustain natural resources supplies
- Ensure the health of delicate ecosystems

# How we do it.....

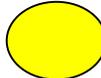


- Research - Provide answers to the complex issues facing the nation and world
- Education - Strengthen schools and universities to train the next generations
- Extension - Provide the knowledge gained through research and education to the agricultural workforce - theory into practice



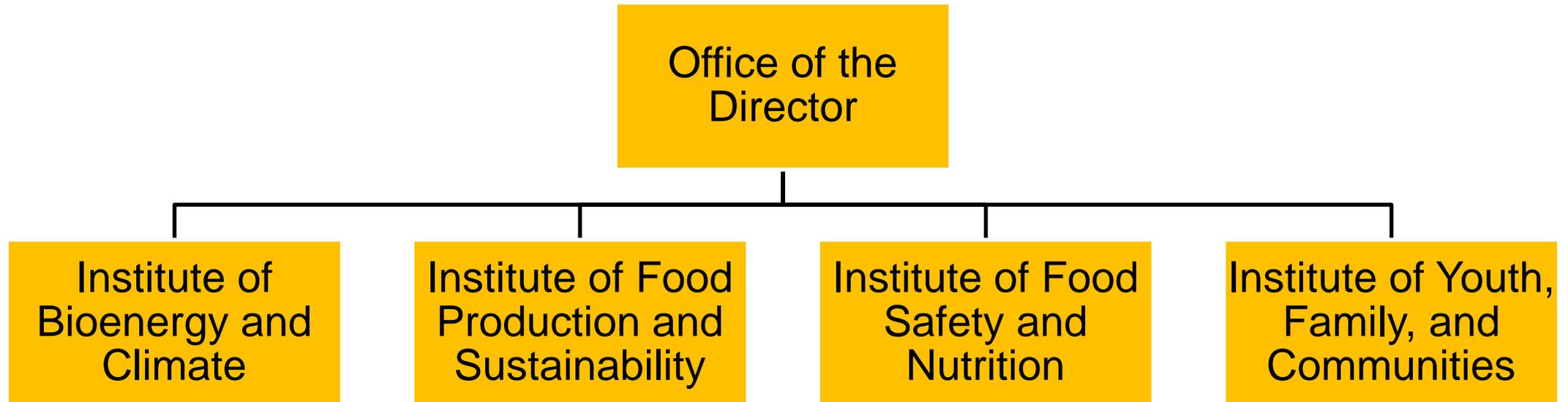
**NIFA's  
Total FY 16  
Total Budget  
\$1.4B**

**Research &  
Education  
\$824M  
Extension  
\$476M**



**\$30M  
Integrated  
Activities**

# NIFA's Programmatic (Science) Organization Chart





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# Agriculture and Food Research Initiative

- AFRI is the USDA competitive grant program designed to provide fundamental and applied research, education and extension projects in food and agricultural sciences. There are two key program areas:
- Challenge Area Programs-Integrated
- Foundational Programs- Basic Research

Challenge Area

Integrates  
Research,  
Education and  
Extension

Focuses on both  
basic and applied  
research

Addresses selected  
priority areas

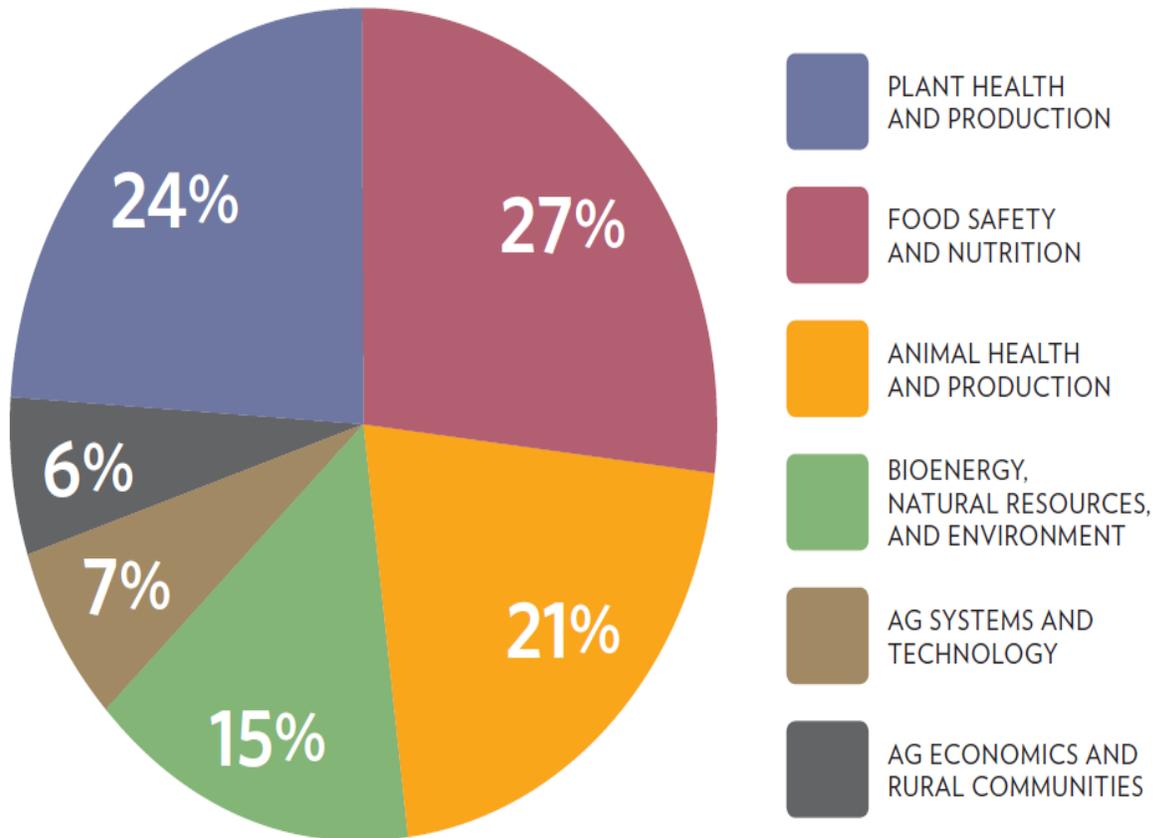
Foundational  
Research

Mission Driven

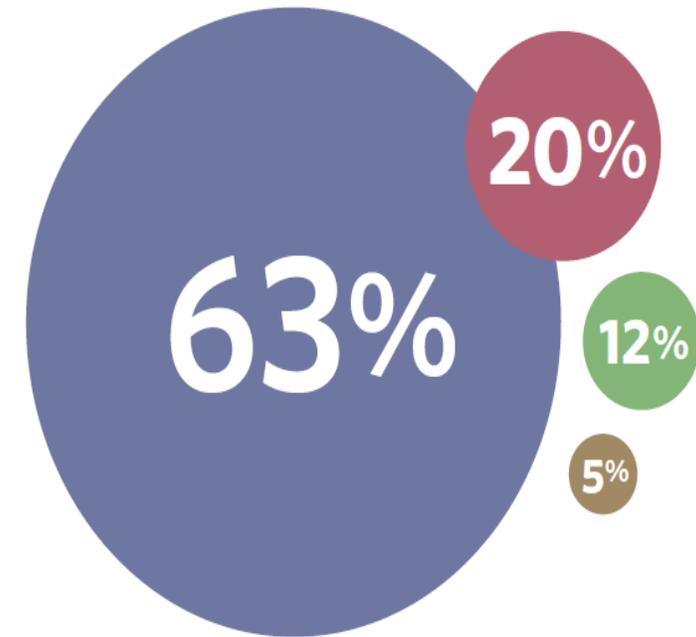
Investigator  
Driven

Consistent Farm  
Bill Mandated  
Priorities

## FY 2016 AFRI INVESTMENTS BY FARM BILL PRIORITIES



## COMPETITIVE CAPACITY AWARDS PROGRAM



**HATCH ACT**  
**SMITH-LEVER 3(b)&(c)**  
**EVANS-ALLEN**  
**1890S INSTITUTIONS-EXTENSION**



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# Contact

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