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
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
Research & Education Activities

NIFA’s Total FY 16 Total Budget $1.4B

- Research & Education $824M
- Extension $476M

$30M Integrated Activities
NIFA’s Programmatic (Science) Organization Chart

Office of the Director

- Institute of Bioenergy and Climate
- Institute of Food Production and Sustainability
- Institute of Food Safety and Nutrition
- Institute of Youth, Family, and Communities
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
Foundational Research Mission Driven

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
Contact

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