



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

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# National Institute of Food and Agriculture (NIFA)

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# Research, Education, and Economics (REE)

National Institute of  
Food and Agriculture  
(NIFA)

*Extramural*

Agricultural Research  
Service (ARS)

*Intramural*

National Agricultural  
Statistical Service  
(NASS)

Economic Research  
Service (ERS)

# NIFA Provides



- **Competitive grants:**
  - Basic and Applied
  - Integrated Projects (Research, Education, Extension)
  
- **Capacity grants:**
  - Distributed by formula to Land-Grant Universities, schools of vet medicine, & other partners to maintain “capacity” to conduct research & extension.
  
- **Non-competitive grants:** Directed by Congress to designated institutions for research, education, or extension on topics of importance to a state or region.



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# ***Where's AMR Program?***

Challenge Area  
Effective Antimicrobial Resistance

Foundational Program  
Understanding Antimicrobial Resistance



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## Antibiotic Stewardship

- Integrating Biology, Psychology, and Ecology to Mitigate Antibiotic Resistance in Food Animal Production Systems. William Sicho. WSU.
- Systems Approach to Identifying Targeted Interventions for Minimizing Antibiotic Resistance in the Poultry Production System. Randy Singer. UMN
- Maximizing Voluntary Compliance in Antimicrobial Stewardship Programs: A Critical Factor for Effective Intervention. Morgan Scott. TAMU
- Diversity of Antibiotic Resistance Genes and Transfer Elements Quantitative Monitoring (DARTE-QM) for Environmental Samples. Adina Howe. ISU



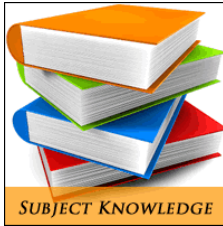
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## NIFA Funded AMR Projects

- [http://cris.nifa.usda.gov/cgi-bin/starfinder/0?path=fastlink1.txt&id=anon&pass=&search=\(GC=A4171\)&format=WEBTITLESGIY](http://cris.nifa.usda.gov/cgi-bin/starfinder/0?path=fastlink1.txt&id=anon&pass=&search=(GC=A4171)&format=WEBTITLESGIY)



# Public Access to NIFA Awards & Impacts

[www.nifa.usda.gov](http://www.nifa.usda.gov)

- NIFA Database Gateway  
(<https://nifa.usda.gov/data>)  
– research & education
- Current Research Information  
System (<http://cris.nifa.usda.gov>)  
– research & education



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The NIFA logo is centered in a white rectangular box against a background of a vibrant sunset. The sky transitions from a deep blue at the top to a bright yellow and orange near the horizon, with silhouettes of trees and mountains at the bottom. The word "NIFA" is written in a large, bold, sans-serif font. The "N" is green, the "I" is dark green, the "F" is teal, and the "A" is dark blue.

**NIFA**

**THANK YOU...**