



National Institute of Food and Agriculture
www.nifa.usda.gov

National Institute of Food and Agriculture

Funding Opportunities for Water Research, Education, and Extension Programs



INVESTING IN SCIENCE | SECURING OUR FUTURE



Program Areas and Investment: FY 2010

Agriculture and Food Research Initiative	\$262 million
Specialty Crops Research Initiative	\$50 million
Small Business Innovation Research	\$22 million



Program Areas and Investment: FY 2010

Sustainable Agriculture Research and Education	\$14.5 million
Integrated Research, Education, and Extension (Section 406)	\$41 million



Agriculture and Food Research Initiative

- Basic and applied research
- Extension
- Education
- Integrated research, education, and extension
- Biological, Physical, and Social Sciences
- Single Discipline and Trans-disciplinary
- Single Investigator and Teams



Agriculture and Food Research Initiative

FY 2010 Challenge Areas

- Childhood Obesity Prevention: \$25 M
- ✓ Climate Change: \$55 M
- ✓ Global Food Security: \$15 M
- ✓ Food Safety: \$20 M
- ✓ Sustainable Bioenergy: \$40 M



Agriculture and Food Research Initiative

Foundational Programs: \$65 M

- Plant Health and Production and Plant Products
- Animal Health and Production and Animal Products
- Food Safety, Nutrition, and Health
- ✓ Renewable Energy, Natural Resources, and Environment (\$9 M)
- Agriculture Systems and Technology
- Agriculture Economics and Rural Communities



Agriculture and Food Research Initiative

NIFA Fellowships Program: \$6 M

1. Offering individual fellowships for pre- and post-doctoral scholars – *NIFA Fellows*
2. Supporting the next generation of agricultural scientists



Specialty Crops Research Initiative

- Support for research and extension that takes a systems-based, trans-disciplinary approach to addressing critical U.S. specialty crop issues, priorities and problems



Small Business Innovation Research

Research for the development of a profit-making technology, product, or service

12 topic areas including:

- Forests & Related Resources
- Soil and Water Resources



Sustainable Agriculture Research and Education

- SARE works to increase knowledge about - and help farmers and ranchers adopt - practices that are profitable, environmentally sound, and good for communities.
- Projects address crop and livestock production and marketing, stewardship of soil, water and other natural resources, economics and quality of life.



Section 406 Integrated Research, Education and Extension

National Integrated Water Quality Program (NIWQP)

- \$12 M - Three Project Types:
 - Multi-Regional
 - Regional Network
 - Watershed Scale
- Projects involve integration of research, education, and extension
- Multi-disciplinary focus: biophysical, social, economic, and behavioral sciences
- Rural, agricultural, and urbanizing watersheds



National Institute of Food and Agriculture
www.nifa.usda.gov



INVESTING IN SCIENCE | SECURING OUR FUTURE

NIFA Website: www.nifa.usda.gov

Mike O'Neill, National Program Leader
USDA National Institute of Food and Agriculture
Institute of Bioenergy, Climate, and Environment
(202) 205-5952
moneill@nifa.usda.gov