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Developing and Implementing Integrated Projects
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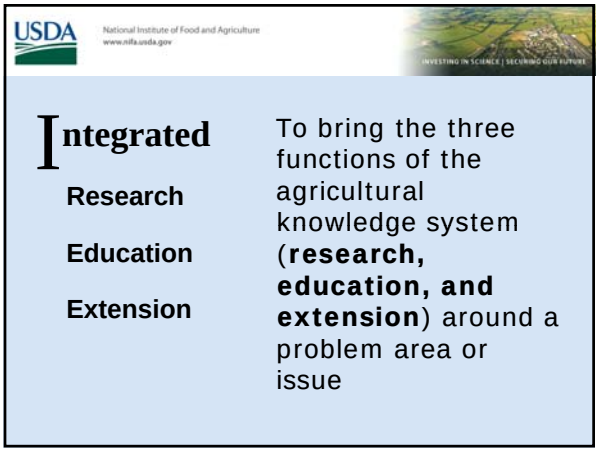
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Integrated
Research
Education
Extension
To bring the three functions of the agricultural knowledge system (research, education, and extension) around a problem area or issue

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What does optimal integration look like?
Research, extension, and education components complement one another and are truly necessary for the ultimate success of the project

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Research: What are the knowledge gaps?

Research should fill knowledge gaps that are critical to the development of practices and programs that will address the problem

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Education: How will the next generation be trained?

Education should strengthen institutional capacity and curricula and train the next generation of scientists, educators, practitioners, and citizens

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Extension: How will information be delivered to help the target audience make more informed decisions?

Extension should lead to measurable documented changes in learning, actions, or conditions in an identified audience or stakeholder group

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Integrated Project Characteristics

Stakeholder Driven

Problem Focused

Outcome Oriented

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Potential Outcomes/Impacts

Short-Term	Medium	Long-Term
Learning	Action	Conditions
Awareness	Behavior	Human
Knowledge	Practices	Economic
Skills	Decisions	Civic
Opinions	Policies	Environmental
Aspirations	Social Action	

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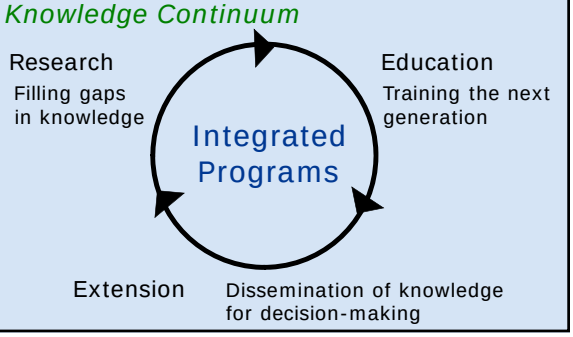
Knowledge Continuum



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How to Begin…

- Identify available programs
  - Relevance, eligibility, deadline dates
- Obtain and read program materials

Contact the National Program Leader with questions, especially about the fit to program priorities!

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Then…

- Begin with the end in mind
- Know what you want to achieve and why
- What agricultural issue are you trying to address?
- How will your project help address the issue?

How will you evaluate the impact of your project? Ask yourself "So What?"

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What is Impact?

Impact is the quantifiable difference a project makes in the quality of life for clients, citizens, or stakeholders.

In other words, what will be different as a result of your project?

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Project Activities (Outputs)

What are the project activities that will lead to the desired impact(s)?

- Do they include research?
- Do they include extension?
- Do they include education?

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Developing the Project

Timing: Begin early

- Building relationships
- Writing your proposal
- Submitting the proposal to your institution for sign-off and electronic submission

Develop a timetable based on the deadline for proposal submission

- **Letters of Intent are required for some programs*

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Develop a Strategic Response

Research: What are the knowledge gaps?

Education: How will you train the next generation?

Extension: How will you reach those who need the information?

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Writing the Proposal

- All team members should be involved from the beginning
- Represent all project functions (research, education, and/or extension) in one or more project objectives
- Identify and allocate expenses for all project activities

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Writing the Proposal

- Clearly identify the stakeholder community and their involvement in the project
  - Include letters of support when appropriate
- Address the funding program's evaluation criteria as stated in the RFA

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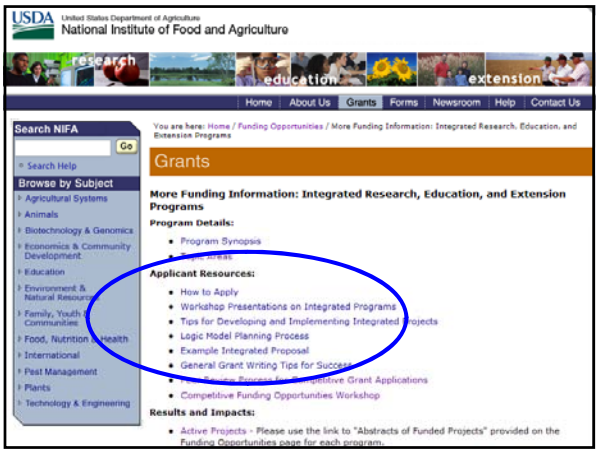
Access the "More Funding Information: Integrated Research, Education, and Extension Programs" Web page

www.nifa.usda.gov/funding/integrated/integrated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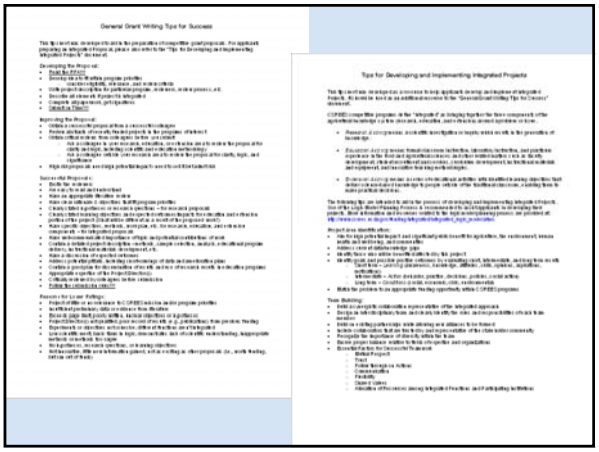
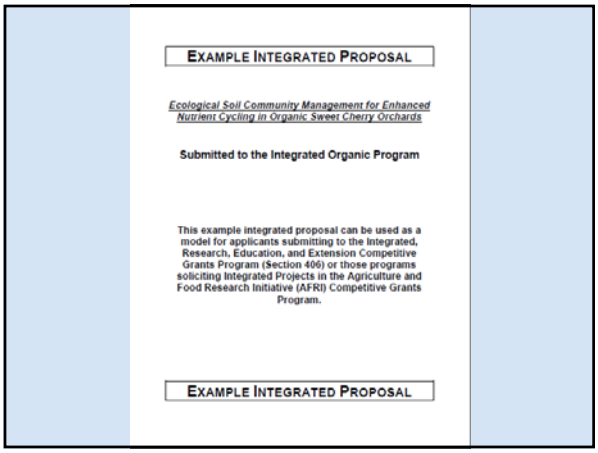
Program Details:
Program Synopsis
Applicant Resources:
How to Apply
Workshop Presentations on Integrated Programs
Tips for Developing and Implementing Integrated Projects
Logic Model Planning Process
Example Integrated Proposal
General Grant Writing Tips for Success
Competitive Funding Opportunities Workshop
Results and Impacts:
Active Projects - Please use the link to "Abstracts of Funded Projects" provided on the Funding Opportunities page for each program.


General Grant Writing Tips for Success
Tips for Developing and Implementing Integrated Projects


EXAMPLE INTEGRATED PROPOSAL
Ecological Soil Community Management for Enhanced Nutrient Cycling in Organic Sweet Cherry Orchards
Submitted to the Integrated Organic Program
This example integrated proposal can be used as a model for applicants submitting to the Integrated, Research, Education, and Extension Competitive Grants Program (Section 406) or those programs soliciting Integrated Projects in the Agriculture and Food Research Initiative (AFRI) Competitive Grants Program.
EXAMPLE INTEGRATED PROPOSAL

Cooperative Extension
Program Development and Evaluation
University of Wisconsin - Extension
HOME SITEMAP CONTACT SEARCH
Program Development
PD Model
Logic Model
PD&E Specialty Areas
Evaluation
Evaluation Reports
Program Planning
Situational Analysis
Priority Setting
Teaching & Learning
Self Leadership
Diversity in Educational Programs
Curriculum/Courses
UWEX Planning and Results System
LOGIC MODEL
Logic model on line, self-study module: "Enhancing Program Performance with Logic Models
A resource for teaching and training about logic models, posted in February 2008.
Developing a logic model: Teaching and training guide - includes handouts and printed slic
PowerPoint slide file (86 slides, 5 MB)
Examples of logic models
More logic model information >>>
Program Action - Logic Model
Inputs
Outputs
Activities
Participation
Outcomes - Impact
Short Term
Medium Term
Long Term

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Economics & Community Development
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Family, Youth & Communities
Food, Nutrition & Health
International
Pest Management
Plants
Technology & Engineering
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Additional Resources for Applicants: Integrated Research, Education, and Extension Programs
Workshop Presentations on Integrated Projects
Introduction to NIFA and Integrated Competitive Programs - Webinar / Slides
Understanding the Review Process - Webinar / Slides
Tips for Success - Webinar / Slides
Logic Model Planning Process - Webinar / Slides
Excellent Extension Programs - Webinar / Slides
High Impact Education Programs - Webinar / Slides
Successful Integrated Project Presentations
Cooking with Kids: Integrating Classroom, Cafeteria, and Family Experiences to Increase Fruit and Vegetable Preference and Intake - Dr. Leslie Cunningham-Sabo, Colorado State University
Investigation of the Changes in the Water Quality in the Little Bear River Watershed in Response to the Implementation of Best Mgt Practices - Dr. David Stevens, Utah State University