**ABR Umbrella Project Initiation Form**

**New/Current Faculty**

**Capacity Funded Projects**

\*This template is available to assist you in submitting a project initiation form. Questions are just like online questions. Use this form to answer at your leisure, then cut and paste when you are ready to initiate your project electronically. \*

**Project Overview:**

**Project Number:**

*(Site Administrator assigns the Project Number. Should appear in instructions)*

**Project Director:**

**Project Title:**

**Performing Department:**

**MSU Email Address:**

**Project Classification:**

**% Animal Health Component:**

**% Forestry Component:**

**% Research Activity**:

**% Extension Activity**: These three should equal 100%

**%Education Activity**:

**% Basic Research Effort**:

**% Applied Research Effort**: These three should equal 100%

**% Developmental Research Effort**:

*Basic Research is research that has a primary goal of gaining fuller knowledge or understanding of a subject.*

*Applied Research is research that has a primary goal of the practical application (i.e., “use”) of already gained or established knowledge to meet a recognized need or help solve a problem.*

*Developmental Research is research that uses findings to develop (i.e., produce, create, etc.) useful materials, devices, systems, or methods.*

**Funding Source:**

Choose one: Hatch, Hatch Multistate, Animal Health and Disease Research, or McIntire-Stennis.

**Identification of Critical Issues:**

***AgBioResearch Critical Issues***

* [*Water Quality and Quantity*](https://www.canr.msu.edu/abr-federal-projects/water-quality-and-quantity)
* [*Plant and Animal Production and Health*](https://www.canr.msu.edu/abr-federal-projects/plant-and-animal-production-and-health)
* [*Secure Food and Fiber Systems*](https://www.canr.msu.edu/abr-federal-projects/secure-food-and-fiber-systems)
* [*Human Health, Youth, and Families*](https://www.canr.msu.edu/abr-federal-projects/human-health-youth-and-families)
* [*Environmental Stewardship and Natural Resources Management*](https://www.canr.msu.edu/abr-federal-projects/environmental-stewardship-and-natural-resources-management)
* [*Workforce Development, Community Resources Development, and Innovation*](https://www.canr.msu.edu/abr-federal-projects/workforce-development-community-resource-development-and-innovation)

**Non-Technical Summary:**

**What is the current issue or problem that the research addresses and why it is important?**

*(The non-technical summary is your opportunity to sum up the importance of your project in terms that general citizens can understand (i.e., citizens without scientific backgrounds). A good non-technical summary is composed of 1-2 succinct paragraphs that cover three main points:*

*1. What is the current issue or problem that the research addresses and why does it need to be researched?  When answering this question consider a perspective that goes beyond the primary end-users of the science you are conducting.  Why is this topic important to the larger community in terms of economics, community and environment as well as agriculture?*

*2. What basic methods and approaches will be used to collect and produce data/results and subsequently inform target audiences? This should be different from your objectives list.  Do NOT copy and paste the same text here.  This section should explain, in plain, non-technical language what you intend to do.*

*3. Through the methods mentioned above, what ultimate goals does the project hope to achieve and what is the general impact expected to be if this goal is met?  What societal benefits may be realized?)*

**What are the major goals and objectives of this research?**

***(By “Major Goals” NIFA means the over-arching goals of the project AND the objectives that will be undertaken to achieve those goals.)***

**List the target audience(s) that will be the focus of effort for the duration of the project and describe how they will benefit from the project.**

***(Target audiences****include individuals, groups, market segments, or communities that will be served by the project.)*

**Describe the expected outcomes of the project and how they can be achieved.**

*(An outcome/accomplishment is defined as a significant change in knowledge, action, or condition. Outcomes are generally short, succinct statements that start with phrases indicating the occurrence of change.)*

**Methodology:**

*(Describe the ways in which the project will be conducted, with emphasis on the general scientific methods and any unique aspects or significant departures from usual methods. Include a description of how the results will be analyzed, evaluated, or interpreted. Describe the****Efforts****that will be used to cause a change in knowledge, actions, or conditions of a target audience. Include a description of how the output(s) will be****Evaluated****and/or quantified for its impact on the intended audience(s).)*

**Integrated Activities and Relevance:**

**Is this an integrated research and extension activity (AREERA Section 204)?**

*(Integrated activities are jointly planned, funded, and interwoven activities between research and extension to solve problems. Examples of integrated activities include joint research and extension personnel appointments. Integrated activities might include coordinating committees, workshops, training, centers, projects, and meetings. This requirement applies to both Hatch and Hatch Multistate funds.)*

**Describe in 1-2 sentences what makes this an integrated activity:**

**Describe the relevance of your project to the mission of MSU AgBioResearch:**

*(ABR’s mission is to conduct leading-edge research that combines scientific expertise with practical experience to advance agriculture, sustain natural resources, generate economic prosperity and enhance the quality of life in Michigan and around the world. We seek to discover economically feasible, scientific solutions to global challenges such as climate change, invasive species and the need to increase food production to meet a growing global population.*

*Our success is based on outstanding partnerships with industry, MSU Extension, commodity organizations, governmental agencies and exceptional legislative support at the state and federal levels. Research is both applied and basic, and heavily dependent on input from industry and stakeholders.)*

**You are now ready to submit online at** [**https://forms.office.com/r/MdX06qZs8K**](https://forms.office.com/r/MdX06qZs8K)**.**