

2013 Ohio State University Combined Research and Extension Annual Report of Accomplishments and Results Review

Status: Accepted

Date Accepted: 05/05/2014

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State: Ohio

Institution(s):

Ohio State University

Type of Report (Check all that apply)

- 1862 Research
- 1862 Extension
- 1890 Research
- 1890 Extension
- Tuskegee Research
- Tuskegee Extension

NPL Reviewers:

Anne Lichens-Park

Report Overview Section (Required):

Acceptable		
YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Executive summary. (Suggested in Guidance)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Total FTEs are included for each appropriate institution of the Report

Comments:

This executive summary describes numerous ways that the Ohio Agricultural Research and Development Center (OARDC) and the Ohio State University Extension (OSUE) support Ohio's \$100 plus billion agricultural industry by increasing and extending new knowledge and leveraging that knowledge into economic development and job growth. OARDC and OSUE have three focus areas, which are (1) Food Security, Production and Human Health; (2) Advanced Bioenergy and Biobased Products; and (3) Environmental Quality and Sustainability. In addition, they have three "Discovery Themes which were established in 2012. These are (1) Health and Wellness, (2) Energy and Environment; and (3) Food Production and Security. The executive summary describes research, education and extension activities that took place in 2013 in support of the land grant mission. These include an expansion of the Summer Research Opportunity Program which provides research opportunities to underrepresented minority students nationwide. Another example of such an activity is the launching of a major initiative to evaluate, and possibly revise, Ohio's current Phosphorus (P) Risk Index to better predict the risk of movement of phosphorus from land to contaminate Ohio surface waters. This initiative is aimed at helping producers better manage nutrient applications on agricultural lands. OSUE is fostering employment and income opportunities for Ohio residents by delivering economic, small business and job development programs tailored to the needs of local communities throughout Ohio. The inclusion of these and other accomplishments that took place in 2013 help document the impact of OARDC and OSUE in Ohio, the nation and beyond.

Merit/Program Review Process Section (Required):

Acceptable		
YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	At least one process has been checked (including other) (required)

Comments:

OARDC and OSUE employ several types of merit and peer review. The review processes include various perspectives, including stakeholder groups and appropriate scientific expertise.

Stakeholder Input Process Section (Required):

Acceptable		
YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(a) Actions taken to seek stakeholder input that encourages their participation (Required)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(b) Method used to identify groups and individuals (Required)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(c) Method used for collecting stakeholder input (Required)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(d) A statement of how collected input will be considered (Required)

Comments:

OARDC, OSUE and CFAES put a lot of effort into encouraging stakeholder participation. Their efforts emphasize business and industry participation and collaboration. They have been very successful in obtaining broad participation. They use a wide variety of methods to identify stakeholders and to collect input from stakeholders. Stakeholder input is considered at many levels of CFAES and is directly linked to annual funding for campus departments. In future Annual Reports, please consider providing one or more examples of how stakeholder input changed the direction of a program or activity.

Planned Programs Section (Required):

Acceptable		
YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Used Appropriate Logic Model Elements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Input Dollars Expended on Each Planned Program
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appropriate Knowledge Areas
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appropriate Outputs for each Program
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Appropriate Outcomes for each Program

Comments:

The Planned Program section of the 2013 Annual Report is well written. Some of the impact statements that seemed particularly strong include the following: the description of the "Maps and Apps" Program under Global Food Security; the description of the assays developed to rapidly detect, quantify and characterize bacteria in water in the Natural Resources and Environmental Systems Program; the description of the cloned tomato gene involved in fruit size in the Plant Systems Program; the work on a novel nanoparticle-encapsulated vaccine for Porcine Reproductive and Respiratory Syndrome in the Animal Systems Program; and the description of the "Real World Real Money" activity in the Preparing Youth for Success Program. With regard to the latter example, it was mentioned that the program tends to reduce teen pregnancy. Statistics illustrating that statement would have increased the impact of the example. The program portfolio is diverse and provides convincing examples of impact.

General Recommendations:

The 2013 Ohio State University Combined Research and Extension Annual Report of Accomplishments and Results describes a strong set of Programs and documents significant impacts from those programs.

We hereby recommend NIFA acceptance of this Annual Report.

Anne Lichens-Park /s/

NPL Signature

04/14/2014

Date