

2016 Ohio State University Combined Research and Extension Annual Report of Accomplishments and Results Review

Status: Accepted

Date Accepted: 06/02/2017

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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:

The Executive Summary for the 2016 Annual Report is well written. It summarizes the leadership changes that have occurred within the College of Food, Agricultural, and Environmental Sciences (CFAES) within the past year. It describes some important changes in CFAES infrastructure and in how that infrastructure will be used. For example, the Waterman Farm is being transformed into an "urban agricultural laboratory" with an emphasis on production and use of local foods. The Executive Summary also highlights some impactful programs and projects at the Ohio Agricultural Research and Development Center (OARDC), Ohio State University Extension (OSUE) and the academic programs. One such program focuses on ways to help minimize the exposure of bees to pesticides. Another impact story describes how a 4-H club member, Jacob, developed an interest in bee keeping through a 4-H project. Jacob created "Teens Educating Adults and Children about Honey Bees" to educate people about the importance of honey bees and of eating the fruits and vegetables that are pollinated by honey bees.

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:

Advisory committees composed of internal stakeholders and/or external stakeholders have been used extensively by OARDC, OSUE and CFAES. Some of the activities which have used advisory committees include 1) reviewing documents, 2) identifying and filling new Discovery Themes positions, and 3) long-term planning. Extension advisory committees are used at the statewide level, at the county level and to identify priorities for specific programs. Diversity of committee membership is a key consideration.

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 use internal and external advisory committees in a variety of ways to obtain stakeholder input, both formally and informally. OARDC asks for input each year on the format and content of their annual report and on the direction of their research programs. OARDC and OSUE use external advisory

committees and stakeholder groups to discuss current programs and to obtain input for future directions and for strategic planning. This section of the report provides a very strong example of how concerns from Ohio citizens have led to an increased focus on the opioid crisis, with numerous lectures and forums held at the university on this topic in 2016 and 2017.

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 2016 Annual Report includes all of the required components. This section describes a variety of good outputs. The Sustainable Energy Program, the Food Safety Program and the Plants Systems Program contain lists of patents, which are particularly strong outputs. The Planned Program section also documents numerous examples of compelling impacts. The Food Safety Planned Program describes how the OSU Fruit and Vegetable Safety Team educates growers about Good Agricultural Practices with regard to food safety of produce and how OARDC researchers found that electrolyzed water and ozone removed foodborne pathogens from tableware during manual and mechanical washing procedures. The Plant Systems Planned Program describes how OARDC researchers are developing high-yielding, high malting quality barley varieties adapted to Ohio to support Ohio's growing beer industry. The Enhancing Agriculture and the Environment Planned Program describes how OSUE provided growers with the information that they need to grow hops, resulting in a large increase in hops acreage and the number of hop-producing farms in Ohio. The Preparing Youth for Success Planned Program describes the success of camps developed to serve the family members of servicemen and women and the 4-H "bee bot" events designed to teach students about the importance of honey bees as pollinators. The Strengthening Families and Communities Program describes the success of the Ohio 4-H PetPals program. These are just a few of the numerous examples of impacts in the diverse program portfolio described in the Annual Report.

General Recommendations:

The 2016 Ohio State University Annual Report does a good job documenting the accomplishments of the OARDC, OSUE and CFAES, and the impacts of those accomplishments.

We hereby recommend NIFA acceptance of this Annual Report.

Anne Lichens-Park /s/
NPL Signature

05/16/2017
Date