

2017 Ohio State University Combined Research and Extension Annual Report of Accomplishments and Results Review

Status: Accepted

Date Accepted: 09/07/2018

2017 Ohio State University Combined Research and Extension Annual Report of Accomplishments and Results Review

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 2017 Annual Report is generally well written. There have been numerous leadership changes in the College of Food, Agriculture and Environmental Sciences (CFAES) over the last year, including the appointment of Dr. Cathann Kress as the Vice President and Dean of CFAES. The Executive Summary notes that the College will be developing a new strategic plan in 2018, using internal and external stakeholder feedback. The research focus of CFAES is shifting from three "Signature Areas" to four Grand Challenges: 1) Food Security, Production, and Environmental Sustainability, 2) One Health, 3) Rural Urban Interface and 4) Preparing Future Scientists and Leaders. The National Council of University Researchers reviewed CFAES in 2016 and released its recommendations in 2017. CFAES is actively responding to those recommendations and making progress toward their goals of improved communication and greater efficiency. The Executive Summary also highlights some impactful programs and projects, including the establishment in 2017 of a Center for Human-Animal Interactions Research and Education, the establishment in 2017 of the Soybean Research Center and CFAES' efforts to address Ohio's opioid crisis. The focus on these important developments from the 2017 calendar year is a positive aspect of the Executive Summary. The Executive Summary provides valuable information about recent developments in research, extension and education within CFAES.

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:

The Merit Review Process section of the Annual Report describes numerous formal and informal review processes. In 2017 there were academic department reviews for the department of Agricultural, Environmental and Development Economics, the department of International Programs and the department of Food Science and Technology. The Dean of CFAES, along with the Directors of the Ohio Agricultural Research and Development Center (OARDC) and the Ohio State University Extension (OSUE), held meetings with internal and external stakeholders to discuss facilities planning. OSUE uses numerous advisory committees to help the Director address statewide programmatic issues, county-level issues and issues related to specific programs and specific

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)

Acceptable		
YES	NO	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(d) A statement of how collected input will be considered (Required)

Comments:

OARDC, OSUE and CFAES engage internal and external stakeholders and encourage their participation in a variety of ways. Input is obtained from those stakeholders using both formal and informal methods. The OARDC has a formal advisory committee which includes a cross-section of members from the agricultural, natural resources and environmental sectors. Those members serve three-year terms and can be reappointed. County Extension advisory committees connect traditional stakeholders with county officials. Diversity of membership is an emphasis of these formal committees. CFAES has a Research Enhancement Competitive Grants Program which promotes exploration and encourages cross-disciplinary research, including connections with industry and other external partners.

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 Programs section of the 2017 Annual Report includes all of the required elements. This section describes a variety of good outputs. For example, the OARDC led Animal Systems Program (#10) lists five patents. This section also documents numerous examples of compelling outcomes and impacts. For example, the section about the Food Safety Program (#4) is well written and has good examples of strong outcomes. The description of the Food Preservation curriculum offered by OSU Extension to Ohio citizens meets a need for increased information about how to preserve food safely. Post-session retrospective evaluations documents the participants intent to change their behavior. The Food, Agriculture and Biological Engineering Systems Program (#9) describes a nice outcome related to wastewater treatment systems developed by CFAES researchers. The example documents reduced water treatment costs associated with the use of sand bioreactors. In addition to the cost-savings, the water treatment methods protect a recreational river. The Strengthening Families and Communities Program (#16) describes a particularly compelling outcome about the nutritional education offered by OSU Extension in their "Dining with Diabetes" activities. Not only do they document changes in behavior with their pre- and post-testing but they also document an outcome with an objective evaluation in that the participants' A1C average decreased by 0.39. Although numerous program descriptions are well-written with descriptions of strong outcomes, some program descriptions could have been written with more care. For example, in the description of the Climate Change Program (#1), the connection between the nutrient stewardship work and climate change is not well articulated. The Childhood Obesity Program (#3) description has some "cut and paste errors" in which text is repeated three times in a row (pages 39 and 40). In general this section is well written and does a good job of documenting the impactful work being done by OSU Extension, OARDC and CFAES.

General Recommendations:

The 2017 Ohio State University Annual Report does a good job of documenting the accomplishments of OARDC, OSU Extension and CFAES. A particularly commendable aspect of the 2017 Annual Report is the inclusion of a large number of events and accomplishments that are clearly from the 2017 calendar year. The annual report is timely and generally well-written.

We hereby recommend NIFA acceptance of this Annual Report.

Anne Lichens-Park /s/

08/31/2018

NPL Signature

Date