

2021 Influenza and Zoonoses Education among Youth in Agriculture Program

Progress Report

Site: Ohio

Completed by: Jacqueline Nolting

Date: April 29, 2022

Please return completed progress report to CSTE at mhuynh@cste.org by October 29, 2021.

Note: Please submit one response per site.

1. Provide a brief update (2-3 sentences) on progress made towards each deliverable between November 1, 2021 – April 30, 2022.

- A. Host “Becoming a Swientist” programming with OH-pigs Ohio Summer Swine Circuit.

Objective was completed prior to the start date of this reporting period.

- B. Collaborate with the National Junior Swine Association to engage national level swine jackpot show participants at various shows across the country.

Swientist training activities were held at the North American International Livestock Exhibition in Louisville, KY and at the Southeast Regional NJSA show in Perry, Georgia. Content focused on different aspects of immunology at both shows that was developed earlier in the project period.

- C. Partner with the Ohio FFA Association to develop and disseminate zoonotic disease risk and prevention curriculum in accordance with Ohio Department of Education standards for middle school agricultural education students.

A Biosecurity curriculum was developed for middle school agriculture education students and is now available for teachers to download and utilize. Materials for both the high school and middle school curriculums can be found at https://buckeyemailosu-my.sharepoint.com/:f:/g/personal/nolting_4_osu_edu/EkLDn0gsDJHuhlyxvk2ttEB_j1Mh6FcjMQNVjyouM2eug?e=Oglob9

- D. Collaborate with the American Association of Swine Veterinarians to build awareness for swine health careers in youth who show swine at a state and national level.

Several studies show that for youth to pursue STEM careers, they must be exposed to career opportunities before they are 12 years old. To that end, a swine careers coloring book is being created to use alongside Swientist, NJSA, AASV, and Team Purebred activities that is focused on the multitude of careers in the swine industry. An illustrator is utilizing the pig from the swientist logo as the main character in the coloring book.

- E. Collaborate with Team Purebred to engage national level swine jackpot show participants at various shows across the country

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- F. Host Becoming a Swientist events to youth involved in jackpot shows with multiple species in

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Pennsylvania.

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2. Please describe areas of concern or challenges in meeting the objectives or providing deliverables.
We don't anticipate any challenges to completing deliverables.
3. Please describe the personnel involved and the number of hours spent by each to perform the deliverables between November 1, 2021 – April 30, 2022. *Note: If there are not enough rows to accommodate all personnel, please feel free to add more rows.*

Detail of assistance provided between August 1 – October 31, 2021			
Personnel (First & Last Name)	Position Title	Project-Specific Activities Performed	Quantity/ Hours
Jacqueline Nolting	Laboratory Operations Manager	Coordinated all activities with collaborators, developed curriculum, hosted IL and OH state fair workshops, attended OH-Pigs banquet, hosted booth at Farm Science Review	100 hours
Heather Nicholson	Research Associate-2	Developed curriculum, hosted IL and OH state fair workshops, held workshop at National Barrow Show, hosted booth at Farm Science Review	50 hours
Kailie Plotnik	Student Research Assistant	Assisted with lesson preparation and attended Farm Science Review to assist with Swientist activities	10 hours
Estimated Total Hours			160 hours