

**2021 Influenza and Zoonoses Education among Youth in Agriculture Program
Interim Progress Report**

Site: Iowa

Completed by: Molly Lee, CFSPH

Date: 26 April 2022

Please return completed Interim Progress Report to Ellie Bergren at ebergren@cste.org.

Note: Please submit one response per site.

1) List project deliverables and describe progress made towards completion of these deliverables:

Updates since December 2021 reporting period are underlined

- **Deliverable 1:** *Develop Spanish versions of the "Bring Home the Blue, Not the Flu!" content and courses (complete)*

Accomplishments/Progress to-date:

- *Elementary and middle/high school course content, including the interactive courses, supplemental resources for students, workshop materials, and resources for educators have been translated to Spanish and reviewed/edited for accuracy, consistency, and clarity of the translated content.*
- *Courses have been updated to portray diversity and a welcoming culture/environment for all youth passionate about agriculture*
- *Supportive and explanatory website content has been translated into Spanish*

Did this deliverable include an educational intervention: **Yes** / No

(If Yes, please complete the Impact Chart appended to this report.)

- *N/A (release of the website is pending final edits as clarified below; tracking will not occur until after release in Q2 of 2022)*

- **Deliverable 2:** *Maintain the courses and supplemental material developed during previous funding cycles and **Deliverable 5:** establish procedures for sustainability of the existing courses with minimal input (complete)*

Accomplishments/Progress to-date:

- *Track visits to the course webpage and courses*
- *Ensure proper functionality of the course webpage and courses*
- *Answer requests for help/information*
- *Offer support to adult educators and educational organizations to facilitate use of the courses in youth outreach and education*
- *Establish procedures for hosting, maintenance, and updates for a 5- year period*

Did this deliverable include an educational intervention: **Yes** / No

(If Yes, please complete the Impact Chart appended to this report.)

- **Deliverable 3:** *Create, finalize and release a responsive and visually appealing Spanish version of the BlueNotFlu.org website (partially complete)*

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Accomplishments/Progress to-date:

- *The web server, database, and visual theme for the site has been developed*
- *Privacy and site use policies have been developed, accessibility standards have been achieved, and a technical and user support team have been established*
- *Systems for tracking and reporting site activity are in place*
- *The website has been populated with supportive and explanatory website content*

Did this deliverable include an educational intervention: **Yes** / No

(If Yes, please complete the Impact Chart appended to this report.)

- *N/A (release of the website is pending final edits as clarified below; tracking will not occur until after release in Q2 of 2022)*

- **Deliverable 6:** *Modify and adapt "Bring Home the Blue, Not the Flu!" resources to share content with teachers directly via free, ready-to-use Google Classroom and Seesaw "lessons" for ease of use in K-12 learning and Deliverable 7: add resources to the BlueNotFlu.org website (complete)*

Accomplishments/Progress to-date:

- *Google Classroom and Seesaw activities, notes, and supplemental resources for multiple grade levels have been created*
- *Instructional guides for teachers utilizing Seesaw and Google Classroom have been created*
- *Procedures for the future use of Seesaw and Google Classroom have been established*
- *Seesaw and Google Classroom lessons have been added to the BlueNotFlu.org website.*

Did this deliverable include an educational intervention: **Yes** / No

(If Yes, please complete the Impact Chart appended to this report.)

- *N/A (promotion of available resources is pending final edits to website on which they will be made available as clarified below; tracking will not occur until after release in Q2 of 2022)*

- **Deliverable 8:** *Promote Google Classroom and Seesaw lessons to educators within Iowa and across the U.S. (partially complete)*

Accomplishments/Progress to-date:

- *A press release has been drafted to highlight the availability of these resources*
- *Repositories with which the "Bring Home the Blue, Not the Flu!" curriculum has been integrated have been updated*
- *Content has been added to the Teachers Pay Teachers website as a free resource*

Did this deliverable include an educational intervention: **Yes** / No

(If Yes, please complete the Impact Chart appended to this report.)

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- *N/A (promotion of available resources is pending final edits to website on which they will be made available as clarified below; tracking will not occur until after release in Q2 of 2022)*

- **Deliverable 9:** Conduct outreach to youth and adults in Iowa by using the “Bring Home the Blue, Not the Flu!” courses, supplemental materials, and hands-on activities developed by the CFSPH, other states, and CDC during previous four fiscal years (complete)

Accomplishments/Progress to-date:

- *Present an interactive, in-person workshop at the Iowa FFA Association Leadership Conference to youth*
- *Present an interactive, in-person workshop at the 4-H State Conference to youth*
- *Present an interactive, virtual workshop at the World Food Prize Iowa Youth Institute to youth*
- *Host a train-the-trainer workshop for adults and youth in 4-H leadership positions at the Worth County Fair (youth Community Action Plan [CAP] project); participate in interactive, in-person workshop at the Worth County Fair*
- *Host an interactive, in-person workshop for youth in Franklin County*

Did this deliverable include an educational intervention: Yes / No

(If Yes, please complete the Impact Chart appended to this report.)

- **Deliverable 10:** Conduct outreach to youth and adults in Nevada by introducing the “Bring Home the Blue, Not the Flu!” courses, supplemental materials, and hands-on activities developed by the CFSPH, other states, and CDC during previous four fiscal years through web-based train-the-trainer sessions (complete)

Accomplishments/Progress to-date:

- *A web-based train-the-trainer session was organized, hosted, and facilitated to provide outreach to adults in Nevada using the courses, supplemental materials, and hands-on activities previously developed.*
- *Access to all content was provided to webinar attendees.*
- *The train-the-trainer session was edited and posted on the CFSPH’s YouTube channel and shared with Nevada 4-H leadership to facilitate broader awareness and training assistance for additional 4-H and other youth educators.*

Did this deliverable include an educational intervention: Yes / No

(If Yes, please complete the Impact Chart appended to this report.)

- **Deliverable 11:** Conduct outreach to youth in Nevada by using the “Bring Home the Blue, Not the Flu!” courses, supplemental materials, and hands-on activities developed by the CFSPH, other states, and CDC during previous four fiscal years

- *All webinar attendees are prepared to host their own training session for additional youth educators AND youth within their impact areas*

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2) List the collaborators involved to-date and briefly describe their role in the project (i.e. 4H/FFA, State PH, State Animal Health).

- Iowa 4-H/ISU Extension and Outreach (ISUEO)
 - Iowa 4-H animal science programs remain a very strong partner in development and implementation of youth programming related to biosecurity and zoonotic diseases. CFSPH and ISUEO staff work closely together to identify and participate in training and outreach opportunities using both the web course (deliverables 2 and 6-8) as well as in-person opportunities (deliverable 9). ISUEO/4-H will also participate in distribution and promotion of the Spanish website/courses once finalized.
- Iowa FFA
 - Like 4-H, Iowa FFA remains another very strong partner in development and implementation of youth programming related to all aspects of agriculture. CFSPH and Iowa FFA staff work closely together to identify and participate in training and outreach opportunities using both the web course (deliverables 2 and 6-8) as well as in-person opportunities (deliverable 9). Iowa FFA will also participate in distribution and promotion of the Spanish website/courses once finalized.
- Iowa Department of Public Health (IDPH)
 - The Iowa Department of Public Health oversees the entirety of the “Bring Home the Blue, Not the Flu!” project, participates in project strategy planning and review/feedback of deliverables upon request, and facilitates connections with other state departments of health.
- Iowa Department of Agriculture and Land Stewardship (IDALS)
 - CFSPH retains a very strong relationship with IDALS. IDALS participates in review/feedback of deliverables upon request and facilitates connections with other state departments of agriculture/boards of animal health. IDALS distributes and promotes materials upon request, and will also participate in distribution and promotion of the Spanish website/courses once finalized.

3) As relevant, describe areas of concern or challenges in meeting the objectives or providing deliverables especially as it relates to COVID-19. We are slightly behind our self-imposed goal of website release at the end of Q1 2022, but will comfortably complete this within Q2 of 2022, and activities are progressing well to this end. In Q1 of 2022, the CFSPH hired a new DVM/MPH with past experience on the Youth in Agriculture project as a student intern, and this will facilitate timely completion of project deliverables given the expanding workload of the current project manager.

4) Please provide an update on your evaluation goals and timeline.

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Final edits and “behind the scenes” website processes are progressing and will be completed by the end of May 2022. Many of the following deliverables which are still pending final completion are dependent on final website publishing/release and will be rapidly completed following that.

- Deliverable 3: Create, finalize and release a responsive and visually appealing Spanish version of the BlueNotFlu.org website
 - Once “behind-the-scenes” course design issues are resolved in the second quarter of 2022, the courses will be uploaded to the website and the site will be finalized and released.
- Deliverable 4: Promote the Spanish website to users within Iowa and across the U.S.
 - Once “behind-the-scenes” course design issues are resolved in the second quarter of 2022, the draft press release written in preparation for release of materials will be updated and CFSPH will partner with collaborating organizations to circulate information about the site to state and national partners including the target audience.
- Deliverable 8: Promote Google Classroom and Seesaw lessons to educators within Iowa and across the U.S.
 - Once “behind-the-scenes” course design issues are resolved in the second quarter of 2022, the draft press release written in preparation for release of materials will be updated and CFSPH will partner with collaborating organizations to circulate information about the site to state and national partners including the target audience.

5) If you have materials you are already distributing, please upload a PDF or a link to the Basecamp site (<https://3.basecamp.com/3164497/buckets/2026830/vaults/306679424>). For Basecamp access, please email mhuynh@cste.org.

6) Do you anticipate reapplying for this opportunity for the 2022 project period? If so, what suggestions would you like to share for consideration by CSTE and CDC?

N/A

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Impact Chart

*If the activity/deliverable described is/included an **Educational Intervention**, please complete this portion of the report*

Impact							Evaluation	
Intervention Activity	Baseline # prior to current grant period	How did you measure the baseline? Did you include direct participants, families, etc?	2021 Audience (youth, community leaders, etc?)	# of attendees/ participants	# of materials distributed	Did you collaborate with another state? If so, which one(s)?	Pre-test administered? (How many? To whom?)	Post-test administered? (How many? To whom?)
EXAMPLE: Four Scenario based training exercises	X# of training sessions held in 2021 to X total youth aged 11-15	Only counted the number of actual youths who attended the session	Youth aged between 12 and 16	X # attendees per training; total of X attendees				
"Bring Home the Blue, Not the Flu!" online course (https://bluenotflu.org/)	2020 Values: Total visitors to the website: 1,731	Unique visitors	Anyone with internet access	Values from January 1, 2021 through April 26, 2022: Total visitors to	N/A (full access to all materials on website, including both online courses)	Users nationwide could complete; NE has unique online form from 2019	Yes; <u>149 (incl. 15 from NE)</u> ; optional for individuals who completed online course	Yes; <u>149 (incl. 15 from NE)</u> ; optional for individuals who completed online course

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	<i>Unique visitors to the website: 1,451</i> <i>Took the middle/high school course: 360</i> <i>Took the elementary course: 155</i> <i>Logins to the password-protected instructor version of the website: 70</i>			<i>the website: <u>4,504</u></i> <i>Unique visitors to the website: <u>3,724</u></i> <i>Took the middle/high school course: <u>2,403</u></i> <i>Took the elementary course: 686</i> <i>Logins to the password-protected instructor version of the website: <u>78</u></i>		<i>collaboration</i>		
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Course availability on the National Agriculture Literacy Curriculum Matrix: https://agclassroom.org/matrix/search_result/?search=blue_notflu	None	N/A	Anyone with internet access; primary users are Ag Ed teachers	Values from January 1, 2021 through December 16, 2021: Bring Home the Blue, Not the Flu (Grades 3-5): <u>390</u> <u>pageviews</u> Bring Home the Blue, Not the Flu (Grades 6-8): <u>847</u> <u>pageviews</u> Bring Home the Blue, Not the Flu (Grades 9-12): <u>818</u> <u>pageviews</u>	N/A (full access to all materials on website, including both online courses)	Users nationwide could complete	N/A	N/A
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				<i>Bring Home the Blue, Not the Flu online modules: 98 pageviews</i>				
<i>Course availability on the Iowa Agriculture Literacy Foundation Matrix: https://www.iowaagriculture.org/Search?q=bring+home+the+blue+not+the+flu</i>	<i>None</i>	<i>N/A</i>	<i>Anyone with internet access; primary users are Ag Ed teachers in Iowa</i>	<i>Values from February 1, 2021 through July 21, 2021 (note: <u>updated numbers will be unavailable from IALF until summer 2022</u>): 78 total pageviews: Lesson 1 – 21 views Lesson 2 – 19 views</i>	<i>N/A (full access to all materials on website, including both online courses)</i>	<i>Users nationwide could complete</i>	<i>N/A</i>	<i>N/A</i>

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				<i>Lesson 3 – 11 views</i> <i>Lesson 4 – 11 views</i> <i>Lesson 5 – 9 views</i> <i>Lesson 6 – 7 views</i>				
<i>Activity-based, in-person workshops</i>	<i>Previous activity- based workshops have impacted approximat ely 600 youth over previous funding cycles</i>	<i>Only counted the number of individuals who attended the workshops</i>	<i>Youth (ranged from young children to high school students) 4-H and FFA members and fair attendees</i>	<i>250 attendees total</i> <i>State FFA Workshop: 75 attendees</i> <i>State 4-H Conference Workshop: 25 attendees</i> <i>Worth County Fair- 4-H Community Action Project:</i>	<i>Branded stickers, “stress ball” animals, and informational handouts available to all attendees</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

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				75 attendees Franklin County Fair outreach: 75 attendees				
Virtual or recorded workshops	8 youth attendees participate in 2020 virtual Animal Cy-ience Academy	We measured only the number of youth and adults that attended the session.	Youth participating in the WFP IYI and the WISE STEM conference	World Food Prize Iowa Youth Institute Immersion: 20 attendees Women in Science and Engineering 'Go Further' STEM session: How to be a Disease Detective (https://www.youtube.com/watch?v=dUlaP4y_wOA): 7 views	N/A (link shared to website which includes both courses and all materials)	N/A	N/A	N/A

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<i>National Agriculture in the Classroom conference</i>	<i>None</i>	<i>Direct participants</i>	<i>Adult educators, primary ag teachers</i>	<i>60</i>	<i>N/A (link shared to website which includes both courses and all materials)</i>	<i>Attendees were from all over the US</i>	<i>N/A</i>	<i>N/A</i>
<i>Train-the-Trainer for 4-H director and area coordinators in Nevada</i>	<i>N/A</i>	<i>Direct participants</i>	<i>4-H leadership</i>	<i>6</i>	<i>Full access to all materials on website, including both online courses</i>	<i>Nevada</i>	<i>N/A</i>	<i>N/A</i>