

Enhancing Food Safety Outreach to Underrepresented Communities through Food Microbiology and Soil Amendments Related Hands-On Workshops

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United States Department of Agriculture, Food Safety Outreach Program



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USDA, FSOP



Presentation Recording:

https://aamu.zoom.us/rec/share/UhHx9DM8xBzNZvdvJgGpPjr00WIUXGQxD0yKI2php1jCqRBTpUk3GP6IYIngDCck.CALBTkXDnfg4Uf16?startTime=1685117680000&pwd=j7Kq_nmS2fRrPyKqHiWID6q6YAsuZ-li

LRCC
Lead Regional
Coordination Center



NECAFS
The Northeast Center to
Advance Food Safety

SC
Southern Center
for Food Safety Training, Outreach and Technical Assistance



North Central Region
Center for FSMA Training, Extension
and Technical Assistance

WRC
Western Regional Center to
Enhance Food Safety



United States
Department of
Agriculture

National Institute
of Food and
Agriculture



Problem Statement / Issue Definition:

- Produce Safety Alliance (PSA) Grower Trainings
- Very little time for hands-on activities and other supplemental activities
- Target audience: Underserved communities (*including minority, tribal and otherwise socially disadvantaged growers*)
- USDA FSOP: "...expand upon existing food safety education and outreach programs that address the needs of small, specialized audiences"

Design and conduct hands-on workshops that reinforce the PSA Grower Training from Module 1 (Introduction to Produce Safety), Module 2 (Worker Health, Hygiene and Training), Module 3 (Soil Amendments) and Module 6 (Postharvest Handling and Sanitation) for underserved minority communities

Development of learning modules in the areas of general microbiology, produce safety, worker health, hygiene and training, soil amendments, and post-harvest handling and sanitation

Development of interactive hands-on activities in the areas of general microbiology, produce safety, worker health, hygiene and training, soil amendments, and post-harvest handling and sanitation





Approach / Methods:

- Identified students to engage in the development of educational material
- Assigned topics to students

• Interactive Activities



Bria Cooper

• Soil Amendments



Kira Christian

• Cleaning and Sanitation



Melody Jackson

- Sources of Contamination
- Introduction to Produce Safety
- Pathogens of Concern with Produce
- Role of Workers and Produce Contamination



Izabele Jaime

Enhancing Food Safety Outreach to Underrepresented Communities Through Food Microbiology and Soil

Amendments Related Hands-On Workshops

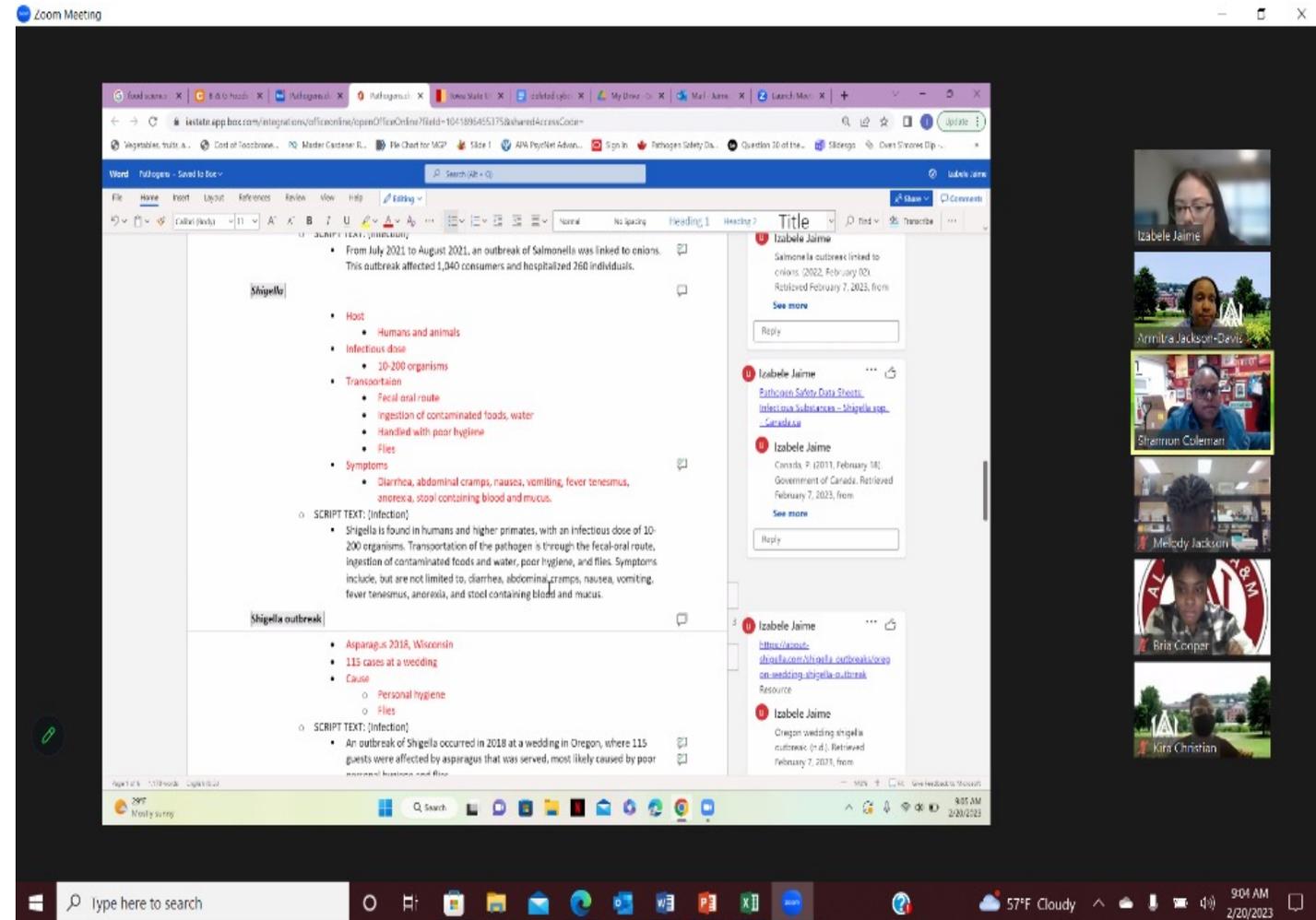
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Approach / Methods:

- Held weekly virtual produce safety team meetings
 - Dr. Armitra Jackson-Davis (AAMU)
 - Dr. Shannon Coleman (ISU)
- Student presented weekly on progress
- Reviewed by the Advisory Board Members
 - Mr. Billy Williams
 - Dr. Kristin Woods
 - Dr. Shecoya White
- Finalized material
- Voice recording of presentations + quizzes

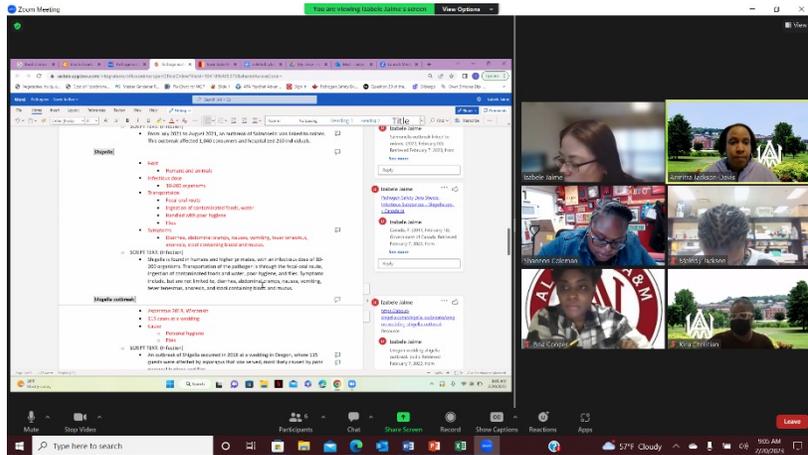


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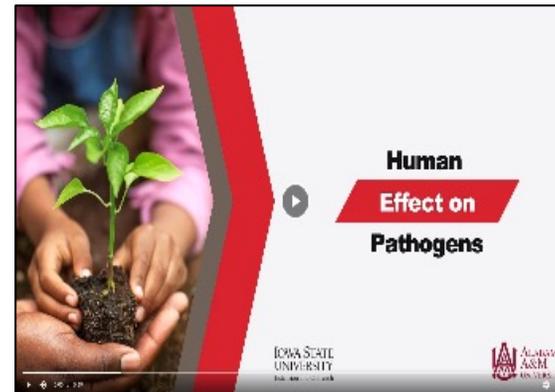
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Results / Outcomes: Learning Modules



Kira Christian May 23
 to kwoods2, Mr.Mitchell.Billy@gma...
 Good Evening All,
 I hope all is well! I wanted to take the time to once again thank you for serving on the Advisory Committee for the FSOP grant, where the main goal is to create educational materials for underrepresented populations. Your expertise is certainly valued.
 In addition to creating case studies, the grant also calls for us to create short modules on topics related to produce safety. Dr. Coleman and Dr. Davis have been working with me on a script that I will then use to develop a PowerPoint presentation. Below is a link to the script developed.
 Please kindly review and offer feedback. Below is a link to the document. Everyone has been added so that you may access it. Please make all edits/suggestions in this document. I will address any comments and then work towards the creation of the PowerPoint slides and then proceed to the narration. Please kindly complete your review by Wednesday May 31, 2023.
<https://iastate.box.com/s/9rc8hl9bgi18177xkubgn7rmj6ug7bth>
 Thank you in advance!
 Please let us know if you have any questions. Again, thanks so much for your willingness to assist. It is certainly appreciated!

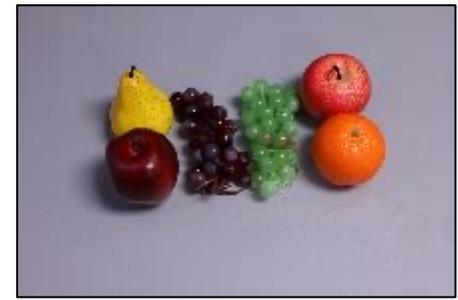


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Results / Outcomes: Hands-On Activity



- 10 students trained
- 6 techniques videos developed
- 4 interactive activities developed
- 6 learning modules developed
- 5 workshops for target audience

What's Next...

FSMA HANDS-ON DEMONSTRATIONS
 THURSDAY, JUNE 8, 2023
 MONTGOMERY, ALABAMA

FOOD SAFETY RESOURCE CLEARINGHOUSE

ISU Extension and Outreach Master Gardner Training Program

Summer 2023 Webinar Series

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Acknowledgements

- USDA NIFA
 - USDA FSOP NIFA 2020-70020-32265
- Dr. Shannon Coleman
- Graduate and Undergraduate Students
 - Izabele Jaime
 - Bria Cooper
 - Kira Christian
 - Melody Jackson
- Advisory Board Members
 - Mr. Billy Williams
 - Dr. Kristin Woods
 - Dr. Shecoya White

5/23 Update  

 Jaime, Izabele R May 23
to Shannon, me  

Good Morning, Dr. Coleman and Dr. Jackson-Davis,

Below I have linked the sources of contamination video and the revised quiz questions. Thank you both for allowing me to work with you on this project. The information and knowledge I gained from working with you is beyond what I could have imagined. I have gained not only knowledge that will be useful to my education but also skills I can take with me into my future careers. I appreciate your patience and time with me through this as I grew and learned, I am beyond grateful to have been a part of this project. Thank you kindly.

Quiz Questions: <https://iastate.app.box.com/integrations/officeonline/openOfficeOnline?fileId=1197652102262&sharedAccessCode=>

Sources of Contamination Video: <https://iastate.app.box.com/file/1220436482456>

Best regards,
Izabele Jaime'

Izabele R. Jaime