Responding to Consumers During a Pandemic: 
Food Safety and Program Delivery

Julie Garden-Robinson1, Rebecca West1, Cindy Brison2, Shannon Coleman3, Barbara Ingham4, Joyce McGarry5, Susan Mills-Gray6, Londa Nwadike6,7, Atina Rozhon8
1North Dakota State University, 2University of Nebraska-Lincoln, 3Iowa State University, 4University of Wisconsin-Madison, 5Michigan State University, 6University of Missouri, 7Kansas State University, 8Purdue University

Our Team, Our Study

In 2016, the North Central Food Safety Extension Network (NCFSEN) was formed to combine resources and share knowledge. (Other regional teams formed as well and have had success1,2.)

Currently in our fifth year of collaboration, we enjoy a dynamic membership within the land grant universities of the North Central region and have won an award for an evaluation tool we developed2.

Late last spring, during the initial stages of the pandemic, eleven of our team members were interviewed as part of a qualitative, IRB-approved study with the goal of understanding how a successful regional Extension team operates, the types of issues we field from consumers, and the sustainability of our team and its potential for growth.

All interviewees reported COVID-19 consumer concerns, including basic food safety hygiene, specific issues such as food hoarding, and a change of program delivery during pandemic conditions.

The information from this study shows how important it is to have an established, highly-functioning group of Extension professionals ready to handle a quickly shifting landscape during a public health crisis by delivering consumer-safe programming on safe food practices.

Top Team Member Quotes from our Interview Study

“Consumers have all sorts of questions about the relationship between COVID-19 and food safety: what do they need to do to eat safely, what should they do at the grocery store, what should they do when they get the groceries home, and the whole gamut of questions like that.”

“I found it interesting with the whole pandemic thing that it just seems like it's a whole new concept for people to wash their hands.”

“No more face to face.”

“Particularly during COVID-19 we get these requests from food pantries [for food preservation workshops].”

Teamwork for Better Delivery in both Crisis and Calm (Takeaways)

The top three advantages of working in an Extension regional team (per interview results):

1. Sharing knowledge
2. Collaborative problem-solving
3. Mutual mentorship

From our interview results we learned important steps to improve and sustain our team:

- Step 1: The 3 Cs—collaboration, consensus, contribute
- Step 2: Open the door to new members and revolving leadership
- Step 3: Planning—set in stone or rolling stone?

These were the most common COVID-19 related question topics our team received at the beginning of the pandemic (taken from interview results)

- Produce washing or bleaching
- Food provenance
- Home butchery
- Home gardening
- Preserving home-grown
- How safe is food
- Handwashing
