



EXTENSION ANNUAL CONFERENCE  
**BREAKOUT SESSION AND  
POSTER DESCRIPTIONS**  
DECEMBER 5-7, 2022



## Breakout Session and Poster Descriptions

In 2022, we are joining together to celebrate our successes over the past two challenging years; re-establish some vital, personal connections among our colleagues; and talk about how we can best face and create a great future together. Participate in a variety of sessions and posters presented by your colleagues, as well as faculty and staff from other units throughout Ohio State and Central State University who are in some way engaged in Extension work.

### Breakout and Poster Session Times:

[Breakout Session 1: Monday, December 5 ■ 1:00-1:50pm](#)

[Breakout Session 2: Monday, December 5 ■ 2:00-2:50pm](#)

[Community Nutrition Block 1: Tuesday, December 6 ■ 9:00-9:50am](#)

[Community Nutrition Block 2: Tuesday, December 6 ■ 10:00-10:50am](#)

[Breakout Session 3: Tuesday, December 6 ■ 1:30-2:20pm](#)

[Breakout Session 4: Tuesday, December 6 ■ 2:30-3:20pm](#)

[Poster Session and Exhibitors: Tuesday, December 6 ■ 3:30-5:00pm](#)

Poster Types: [Educational Outreach](#), [Ideas in Action](#), [Research](#), [Undergraduate/Graduate Student](#)

[Breakout Session 5: Wednesday, December 7 ■ 9:00-9:50am](#)

### NOTES about this document:

1. The 25-minute sessions identified with "a/b" will be paired together in the same room and presented back-to-back.
2. You may click on the session times listed above to jump to that section of the document.
3. Click the link at the bottom of any page to return to the session times listed above.



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## **Breakout Session 1: Monday, December 5 ■ 1:00-1:50pm**

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### **1. Communication and Connection (*Improving People*)**

Join this interactive workshop to explore opportunities to enhance our communication approaches and skills. We'll borrow strengths from each other and learn some tips to improve connection and communication in our personal and professional lives.

**Presenter:** Helka Casey – counselor, Ohio State Employee Assistance Program

### **2. Graphic Design for the Non-Designer (*Improving Processes*)**

For the untrained, graphic design may seem like an unattainable skill; but with a few easy-to-use tools and an understanding of design principles, you too can be a graphic designer! Learn the basics of graphic design and get hands-on training with design software available to everyone. You'll walk away with the knowledge needed to build basic graphics for use on social media or in your marketing emails. Bring your laptop to follow along.

**Presenter:** Nicole Volk – graduate teaching associate

### **3. Let's Talk Social Media! (*Improving Processes*)**

Social media allows brands to meet their audience where they are, but doing it right can take some practice. We'll cover best practices for content sharing, the benefit of paid social advertising, streamlining your content creation process and more. Bring your questions!

**Presenter:** Kelly McDonald – director of social media and engagement, The Ohio State University Wexner Medical Center

### **4. We Love to Laugh (*Improving People*)**

You are about to laugh like never before! This hands-on learning experience focuses on the physical and mental health benefits of laughter. Let's explore ways to add more laughter into our lives, test our laughter quotient, write a laughter prescription using the FITT method, and practice the four steps of laughter yoga. Are you ready to benefit from the power of laughter? To believe in its healing value? To realize that laughter can change your life? Are you just curious and want to see and experience it for yourself? If so, come laugh with us or even at us!

**Presenters:** Roseanne Scammahorn – educator, family and consumer sciences; Susan Zies – assistant professor/educator, family and consumer sciences; Ken Stewart – educator, family and consumer sciences; Misty Harmon – educator, family and consumer sciences; Lorrissa Dunfee – educator, family and consumer sciences; Rae Baker – program specialist, Healthy Relationships

### **5. My iPad can do What??? More Than Just an Email Checking Device (*Improving Processes*)**

My iPad can do what??? Come to this hands-on workshop to learn more about what an iPad can do. Through the Apple partnership, 50 Ohio counties have access to iPads. An iPad can be a teleprompter, video editor, animator, art canvas, and record keeper. Learn how to unleash the power of this technology tool for your daily work and Extension programming. There is also a set at the state level that can be borrowed.

**Presenters:** Mark Light – leader, Ohio 4-H STEM and Digital Engagement Innovations ; Tracey Ward – Apple Education program manager

### **6. Strengthening Our Community: Using a Grant to Create Collaboration Between Extension Programs and Partners (*Improving Programs/Products*)**

We will highlight how an agriculture and natural resources educator and a SNAP-Ed program assistant worked together using a grant to collaborate with community partners to break down food access silos.

**Presenters:** Sabrina Schirtzinger – educator, agriculture and natural resources; Tanner Cooper-Risser – program assistant, SNAP-Ed; Tami Ruhl – program coordinator, Creating Healthy Communities

## **7a. Partnering with Communities to Expand Broadband Coverage in Ohio (Improving Programs/Products)**

**(25-minute Session ■ 1:00-1:25pm)**

Is your community prepared for a broadband future? OSU Extension worked with the Ohio Department of Development to create an intensive, 12-week program to help selected Ohio communities learn about broadband coverage, map the coverage in their community and collect community feedback, and develop a plan to expand their broadband coverage. Our program will describe the process, engage participants in a discussion about the future of broadband at a community level, and seek a conversation about where to take the program and issue in 2023.

**Presenters:** David Civittolo – assistant director, OSU Extension Community Development; Godwin Apaliyah – educator; Nancy Bowen-Ellzey – field specialist; Teresa McCoy – program leader; Myra Moss – educator; Gwynn Stewart – educator; Jerold Thomas – field specialist educator, community economics; Kyle White – area leader/educator, community development

## **7b. Building a Positive Team Culture (Improving Processes)**

**(25-minute Session ■ 1:25-1:50pm)**

Without trust in your team, you will never have a positive team culture. Trust is the glue that holds everyone together as you work to get the job done. Trust is critical for everyone in the workplace. If people are working hard, yet are slow to get results, it could be a foundational problem with trust. Gain tools for trust-building and learn how to avoid trust-busting traps. We will explore simple ways to establish and maintain trust in teams that create the environment for positive team culture.

**Presenters:** Kenzie Johnston – educator; Jeff King – associate professor/co-director, OSU Leadership Center

## **8. Diversity and Inclusion Session (Improving People)**

More information to come! Hear from Todd Suddeth, senior instructor, John Glenn College of Public Affairs.

**Presenter:** Todd Suddeth – senior instructor, John Glenn College of Public Affairs

## **Breakout Session 2: Monday, December 5 ■ 2:00-2:50pm**

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### **1. Collaborate Faster using Microsoft Teams (Beginner) (Improving Processes)**

Microsoft Staff and PLC Teams provide the perfect location to work with colleagues on projects, curriculum adoptions, and even university-wide initiatives. Administrators can communicate and collaborate with their faculty in one location. Policies and procedures, forms, instructions for various tasks and responsibilities, and more can all be shared within Teams for quick access. Teams supports online meetings with screen share and whiteboard annotation that can be recorded, automatically saved, and transcribed in Stream. Whether your colleagues are down the hall or in another building across town, Staff and PLC Teams support collaboration. Bring your laptop to follow along.

We will:

- Identify ways Staff Teams works to drive the work of your department on any device.
- Work through the set up and use of Staff Teams with colleagues and guests for collaborative work.
- Explore using the functionality of Staff Teams to include third-party apps to make work even more robust and efficient.

**Presenter:** Shavonne Smith – Microsoft Learning Consultant

## **2. Show Me the Money: Hands-on Overview of Key Workday Financial Reports (Improving Processes)**

This will be an in-depth demonstration of Workday financial reports and Q&A. Bring your laptop to follow along. Note: You will need to access required Workday financial reports.

**Presenter:** Jesse Buxton – county fiscal officer

## **3. A Committee That Works: Engaging Your Extension Advisory Committee (Improving Partnerships)**

If there were a group of people who would be your cheerleader, advocate, and sounding board, would it be worth your time to engage with them and recognize them for their efforts? It may sound too good to be true, but each county has this opportunity through their Extension advisory committee. Advisory committees can contribute to successful outreach and help to increase your efficiency, impact, and purpose in ways you can never do alone. Explore the breadth of life experiences and expertise that could have a seat at our table. This will also be an opportunity to brainstorm ideas for 1) recruitment, 2) meeting attendance and involvement, 3) community engagement, and 4) recognition of committee members. This will be a highly interactive session balanced with time to consider and explore research and resources from Purdue University Extension and North Dakota State University Extension.

**Presenter:** Emily Marrison – educator, family and consumer sciences

## **4. Good Communication: It's About How You Show It and Say It (Improving People)**

Extension professionals are constantly making decisions about when to speak, when not, and what to talk about, with whom, when, where, and in what form. Learn to communicate more effectively and enhance listening skills while actively engaged in role playing, case studies, and general communication skills development discussion.

**Presenter:** Judy Villard Overocker – educator

## **5a. Publishing Your Work in Peer-Reviewed Journals (Improving Processes)** **(25-minute Session ■ 2:00-2:25pm)**

As an educational and scholarly organization within a land-grant university, OSU Extension benefits when its program staff, including specialists and educators, publish in academic journals. Locally-based research and program information that appears in scholarly journals raises the visibility and credibility of OSU Extension in general, and the locality in particular. But often, Extension professionals face serious obstacles to publishing via peer-reviewed journals. Learn the keys to identifying and overcoming the barriers to publication, as well as taking advantage of the opportunities we have in Extension to get our work published in a variety of peer-reviewed outlets. You will see that the efforts at publication and local program are actually complementary to one another – and even synergistic. Leave with an understanding of the personal rewards you can achieve, important "do's and don't's," and a plan of action for how to get started on the road to publication.

**Presenter:** Thomas Blaine – associate professor

## **5b. Lessons Learned After Lockdown: Using Tech for Post-Pandemic Programming (Improving Processes)**

### **(25-minute Session ■ 2:25-2:50pm)**

As programming was able to return to in-person, some programming returned effortlessly, some saw changes, and some changed completely. The hybrid and virtual mode that worked well in 2020 continues to work well for some programs, while other programs reverted to pre-2020. What did we learn from programming since lockdown, and how can we use what we learned to make program facilitation easier in the future? Learn tips and tricks about Qualtrics, Nelnet, county websites, and Zoom that can help make program preparation more efficient and/or more appealing to possible participants. Take part in a discussion on which programs are best suited for hybrid, in-person, virtual, or a combination. By taking a look at examples of post-

pandemic programming and the technological tools at our disposal, we will be better prepared to offer a high quality educational product to all Ohioans.

**Presenter: Andrew Holden** – educator, agriculture and natural resources

## **6a. Facilitating Collaboration Across Agricultural Communities to Plan and Develop a Vibrant Local Food System in Wayne County, Ohio (*Improving Partnerships*)**

**(25-minute Session ■ 2:00-2:25pm)**

Economic development through local food systems often requires working with diverse and often divergent community groups. We share our integrated research and Extension approach to community and economic development through food systems in Wayne County, part of the USDA Pathways to Prosperity Project. We share strategies for understanding local community assets, understanding community relationships, and strategies to engage and build relationships across these different and often siloed groups (commodity farmers, Amish farmers, direct marketing farmers, and county leadership). Learn how to use secondary data, interviews with stakeholders, and direct observation to understand local assets and community relationships; concrete activities and strategies to build relationships across diverse public and private stakeholder groups; and how to effectively integrate the agriculture and natural resources and community development program areas to build strong integrated research Extension programs in your own community.

**Presenters: Shoshanah Inwood** – associate professor; **Frank Becker** – educator, agriculture and natural resources ; **Jill Clark** – associate professor

## **6b. How to Recall When There is a Food Recall: Helping Clientele to Navigate Food Recalls and Outbreaks (*Improving Processes*)**

**(25-minute Session ■ 2:25-2:50pm)**

To date, there is no central system for disseminating food recall and outbreak information to U.S. consumers. Current communication strategies stemming from government institutions and industry groups are often ineffective, leaving consumers confused. Extension personnel can play a role in sharing information about ongoing recalls and outbreaks, because they often deliver programs and trainings on food topics to targeted audiences, many of which are more susceptible to foodborne illnesses. A case study will describe a recent food recall and outbreak involving peanut butter contaminated with Salmonella. The presenter will highlight ways in which the Extension community can aid in the following: alerting local communities of food recalls and outbreaks affecting their region; providing clientele with science-based resources to stay up-to-date on food safety issues; and assisting clientele with navigating food recalls and outbreaks.

**Presenter: Nicole Arnold** – assistant professor/field specialist, food safety

## **7a. Anticipating and Addressing the Impacts of Large High-Tech Economic Development Projects in Ohio (*Improving Partnerships*)**

**(25-minute Birds of a Feather Gathering ■ 2:00-2:25pm)**

Ohio is witnessing the growth of large, high-tech industrial developments in various locations throughout the state. These developments will likely impact our local communities, agricultural land, businesses, social relationships, educational institutions and natural environment in many anticipated – and unforeseen – ways. We will focus on identifying those impacts and brainstorm ways that OSU Extension, all four program areas, can collaborate and develop external partnerships to help clientele deal with the changes occurring in their communities.

**Presenters: Myra Moss** – educator, community development; **Jerold Thomas** – field specialist, community economics; **Shannon Carter** – area leader/educator, family and consumer sciences; **Lisa McCutcheon** – educator, 4-H youth development; **Dean Kreager** – educator, agriculture and natural resources; **Shari Gallup** – assistant professor, family and consumer sciences

### **7b. "AgFest" – Come Explore this Workforce Development Event for Your County! (Improving People) (25-minute Session ■ 2:25-2:50pm)**

A career in agriculture is more important now than ever before – especially considering the world's population is expected to increase from 7.9 billion people to 9 billion before 2050. Sadly, 50 percent of American high school students report they are unsure of their career path and what options are available to them. Learn how a new Butler County initiative called AgFest is designed to implement 4-H's "learning by doing" model as students make their way through 10 interactive stations, all of which educate about jobs in agriculture.

**Presenters:** **Emily Masters** – educator, 4-H youth development; **J.T. Benitez** – educator, agriculture and natural resources; **Heather Reister** – educator, family and consumer sciences; **Erin Simpson-Sloan** – program assistant, 4-H youth development

### **8a. Area Leader Competency Model Research – Finding and Recommendations (Improving People) (25-minute Session ■ 2:00-2:25pm)**

From spring 2021 to winter 2022, OSU Extension area leaders and their county-based reports participated in research to identify competencies required for area leader job effectiveness. We will highlight the identified 10 competencies, definitions, and behavioral anchors. Hear about the three competencies ranked as most important and the three identified competencies that were unique from other explored models. We also will share other emergent findings and recommendations for the further study found in the qualitative data.

**Presenters:** **Katie Wells** – educator, 4-H youth development; **Greg Davis** – assistant dean and associate chair, OSU Extension; **Tracy Kitchel** – CFAES senior associate dean and director of faculty and staff affairs, ACEL professor; **Amanda Bowling** – assistant professor/ACEL honors coordinator

### **8b. The 10-Month Extension Appointment (Improving People) (25-minute Session ■ 2:25-2:50pm)**

There are many benefits to working for Ohio State, but many Extension educators do not take full advantage of their leave benefits resulting in loss of vacation days, burnout, and potentially a loss in job satisfaction. Overloading work schedules and not prioritizing time off are often reasons listed for not taking full advantage of vacation time. We will focus on reframing how we approach our work schedules and encourage all Ohio State staff to take full advantage of their benefits of working at Ohio State.

**Presenters:** **Lee Beers** – area leader/educator; **Jason Hedrick** – area leader/educator

## **Community Nutrition Block 1: Tuesday, December 6 ■ 9:00-9:50am**

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### **A Community-Academic Partnership to Monitor Food System Dynamics during the COVID-19 Pandemic: Methods, Insights, and Next Steps (Improving Partnerships)**

Food insecurity is increasingly recognized across sectors as a critical and intervenable social risk for poor health. The COVID-19 pandemic and related recession made this risk even more salient, while also complicating the implementation and evaluation of efforts to address it. Interventions to address food insecurity are congruent with broader efforts by the healthcare, nonprofit, and for-profit sectors to address environmental social determinants of health. While community-engaged scholars and community-based practitioners have long juggled the challenges of working in dynamic and unpredictable settings, COVID-19 greatly enhanced the need for nimbleness and innovation. We will share our and our partners' experiences monitoring food security and food-sourcing behaviors in Appalachian Ohio during the first year of the pandemic. This work generated both quantitative and qualitative insights of relevance to rurally focused research, community programming, and food policy beyond the eventual end of the COVID-19 pandemic.

**Presenters:** **Jennifer A. Garner** – assistant professor, Ohio State School of Health and Rehabilitation Sciences; **Khawlah Al-Muhanna** - graduate teaching associate; **Kathleen Krzyzanowski Guerra** - graduate research associate; **Katharine Garrity** - graduate research associate

## **Community Nutrition Block 2: Tuesday, December 6 ■ 10:00-10:50am**

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### **1. Physical Activities to Reinforce Nutrition Messages with Youth SNAP-Ed (*Improving Programs/Products*)**

#### **(Roundtable Discussion)**

Learn specific physical activities you can use to reinforce nutrition education messages with youth audiences, as well as possible equipment to use, challenges they may face, and strategies for success.

**Presenter:** Marsha McCormick – regional program specialist, SNAP-Ed

### **2a. Engaging Ohio Latino Families Through Extension Collaboration (*Improving Partnerships*)** **(25-minute Birds of a Feather Gathering ■ 10:00-10:25pm)**

Working in the virtual environment during the pandemic sparked new strategies for collaborating across county lines and Extension program areas. We will share how we developed new outreach initiatives with Extension professionals in other counties to better serve the Hispanic/Latino community. By providing bilingual resources and nutrition education to counties where language barriers prevent them from serving families in the Hispanic/Latino communities, we are able to help build strong community involvement that leads to a more viable and sustainable environment for all members of the community. Partnering with family and consumer sciences colleagues in other counties to do outreach during a parenting program with Head Start parents resulted in an EFNEP virtual series. Joining forces with an EFNEP colleague in northeastern Ohio resulted in an EFNEP series with Latino pregnant women. Collaborating with Extension colleagues across county lines enabled us to better serve and reach Latino families across Ohio.

**Presenters:** Bobbilyn Kasson – program specialist, EFNEP; Nora Hesse – program specialist, EFNEP; Robin Adams – program assistant, EFNEP; Lucy Acevedo-Lopez – program assistant, EFNEP; Nicolette Decatur – program assistant, EFNEP

### **2b. Creating Fulfilling Workplaces through Authentic Appreciation (*Improving People*)** **(25-minute Session ■ 10:25-10:50am)**

Is your office a place people WANT to be? Is it a place you WANT to be? Our work environments impact our mood, drive, mental health, and performance. In Extension, we engage in various teams and workplace environments. One of our Extension keys, Care, calls us to treat our team members with kindness and respect, valuing each individual. But can one person really have an impact? Jessica will introduce the framework presented in the book *The 5 Languages of Appreciation in the Workplace*, and she will challenge participants to use authentic appreciation to improve workplace culture within their teams. When it comes to workplace culture, anyone, in any position, can make a difference!

**Presenters:** Jessica George - program assistant, 4-H Youth Development

## **Breakout Session 3: Tuesday, December 6 ■ 1:30-2:20pm**

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### **1. Teams Meetings 101 (*Improving Partnerships*)**

Microsoft Teams offers various ways to connect with your colleagues and contacts to stay productive. Meetings and events allow you to bring groups of people together to collaborate and share information in real time using voice, video, and chat. Learn how to manage and schedule meetings, how to effectively engage in meetings as a facilitator or participant, and how to produce live events. Bring your laptop to follow along. You will:

- Identify the different meeting options available in Teams.
- Explore best practices for creating and joining meetings.
- Learn how to best share content during meetings.
- Ensure your meetings are safe, secure, and accessible to all participants.

**Presenter:** Shavonne Smith – Microsoft Learning Consultant

## **2. Working Together for Water Quality and Sustainable Water Resources: Part 1 (Improving Processes)**

We sustain life, but we couldn't do it without water! Discover how Extension staff are engaging in water quality and sustainable use of aquatic resources, as well as collaborating with faculty on water quality research and outreach. The first half of this session will consist of "Engage in 5" talks introducing you to the work of colleagues from the water quality team, School of Environment and Natural Resources, and Ohio Sea Grant. The second half will be a panel discussion with a select group of Ohio State faculty members who focus on water and aquatic resource issues. The work your colleagues are doing in the water resource space is inspiring, and you'll come away from this session with new contacts and ideas for future programming.

**Presenters:** **Tory Gabriel** – Extension program leader, Ohio Sea Grant and Fisheries educator; **Eugene C. Braig IV** - program director, aquatic ecosystems; **Heather Raymond** - water quality initiative director; **Jill Bartolotta** – Ohio Sea Grant educator; **Sarah Orlando** – Ohio Sea Grant educator; **Scott Hardy** – Ohio Sea Grant educator

## **3. Fiscal Update from Extension Operations (Improving Processes)**

Learn about general fiscal policy and procedure updates, and be prepared for Q&A.

**Presenter:** **Jesse Buxton** – county fiscal officer

## **4. Strengthening Community Engagement and Partnerships (Improving Partnerships)**

Learn about strategies and best practices for building and fostering community partnerships as we dive into the do's and don'ts of community engagement, and review tangible examples and success stories from the Ohio State University Libraries, Office of Outreach & Engagement.

**Presenter:** **Quanetta Bates** – program director, Ohio State Office of Outreach and Engagement

## **5. Tools for Extension Educators to Assist Ohio Farmers' Markets to Create a Culture of Data Collection and Use (Improving Partnerships)**

### ***(Roundtable Discussion)***

Learn about the work being conducted in Ohio to evaluate the strengths and weaknesses of Ohio farmers' markets work in data collection and use. Get information on a suite of available tools and appropriate methodologies to help create a culture of shared data collection and use that you can employ to help strengthen your local farmers' markets.

**Presenters:** **Christie Welch** – direct food and agricultural marketing specialist; **Darlene Wolnik** – Farmers' Market program director; **Eric Barrett** – area leader/educator/associate professor

## **6. Climate Change Across Extension (Improving Programs/Products)**

### ***(Roundtable Discussion)***

Scientific evidence demonstrates that our climate is changing, but the changes we experience depend on where we live. The observed and future climate changes will be illustrated, from a global overview to local changes right here in Ohio. A few of the key challenges facing communities will be highlighted, from planting and harvesting decisions to city planning. Audience participation will be encouraged as we contextualize what climate change means to us. During roundtable discussions, we will explore the impacts on the specific communities in which we work and how as Extension professionals, we can enhance our climate engagement across the state. Extension professionals from all areas are encouraged to join us, as climate change affects all of the communities in which we engage. The goal is to help identify community needs when it comes to engaging on the topic of climate change and spark an exchange of ideas among the different groups and communities that Extension touches.

**Presenter:** **Aaron Wilson** – assistant professor/field specialist, ag weather and climate



## **7. Navigating Professional Advancement in Extension via A&P Promotion (*Improving People*)**

A mindset of continuous growth and improvement strengthens A&P educators, their collaborators and teams, the organization, and ultimately the communities with whom they work. Understanding the expectations of Extension A&P educators by rank can enable us to work in ways that are challenging, healthy, and sustainable across the organization. This interactive session will highlight the key elements of A&P promotion including the educator's role, the review process, timelines, and more. Regardless of your rank or position, you play a role in the advancement of A&P educator colleagues. Plan to attend to learn how you can help, and bring your questions to help us grow and learn together.

**Presenters:** Gregory Davis – assistant dean and associate chair, OSU Extension

## **8a. Do You Know JOE? The *Journal of Extension*: A Resource for Extension Professionals As They Face the Future (*Improving Processes*)**

**(25-minute Session ■ 1:30-1:55pm)**

Do you know JOE? The *Journal of Extension* is produced for Extension professionals by Extension professionals across all program areas. It is a resource for Extension professionals to keep in touch with new developments and to promote the professional growth and competence of its readers. Each issue of the journal offers insights into how Extension professionals navigate their work in the community on a diverse array of topics. Learn about recent improvements to the journal and learn how to take advantage of the professional development and service opportunities it has to offer as a reader, author, reviewer, and editor.

**Presenter:** Theresa Ferrari – state specialist, 4-H youth development

## **8b. 4-H Healthy Living Publications: The New and The Needed (*Improving Partnerships*)**

**(25-minute Session ■ 1:55-2:20pm)**

Learn how the 4-H Healthy Living Design Team utilized a collaborative, lead-author approach to producing a revamped 4-H project book. Find out how you can be a part of producing relevant, research-based, and impactful health-related project books. The need for health-related projects is great, as holistic health and social and emotional health are at the center of public health right now. You might be the partner the design team is looking for.

**Presenter:** Justin Bower – educator, Healthy Living and Ohio Military Kids

## **9a. Coming Soon: Ohioline Upgrades (*Improving Processes*)**

**(Engage in 5 Session ■ 1:30-1:35pm)**

Get a quick, sneak peek at the new Ohioline website (built in Drupal 9). With a better search function, a simplified design that maximizes reader engagement with new and established fact sheets, and scalability for all digital devices – from mobile phone to desktop, this version of Ohioline will be better than ever.

**Presenter:** Tim Vargo – technical editor, Extension Publishing

## **9b. The "Why?" for Service in Leadership (*Improving People*)**

**(Engage in 5 Session ■ 1:40-1:45pm)**

Take an inspirational look at the reasons individuals in leadership positions are intrinsically motivated to serve. Engaged participants will be encouraged to generate a multitude of "Why?" statements for serving community and discover the benefits of service through their role in Extension.

**Presenter:** Justin Kurtz – graduate student

## **9c. Newly Released! Economic Impact Reports for Extension Areas (*Improving Partnerships*)**

**(Engage in 5 Session ■ 1:50-1:55pm)**

Learn about new, downloadable economic reports for counties and Extension areas that will help win over your local or regional leadership. These are unique, statistical reports that include demographic and economic

information you won't find anywhere else. They can inform decision making on the local or regional level. We will provide a sample, demonstrate how to interpret the reports, and share where to find them for free download.

**Presenters:** Nancy Bowen – associate professor; Eric Romich – associate professor

### **9d. Laugh Out Loud (*Improving People*)**

**(Engage in 5 Session ■ 2:00-2:05pm)**

When was the last time you had a really good laugh? If you can't remember, then this session is for you! We will highlight the benefits of laughter and humor. Then we will all take part in a mini-laughter yoga session. When this 5 minutes is up, hopefully your belly is hurting just a little from laughing! Leave with a better understanding of the power, value, and importance of laughter in our daily lives, as well as the lives of those we serve. Still not sure, what do you have to lose? Oh, yeah, 5 minutes of your life when you would probably just be checking email anyway! (Admit it, that was funny!)

**Presenters:** Misty Harmon – educator; Roseanne Scammahorn – educator

## **Breakout Session 4: Tuesday, December 6 ■ 2:30-3:20pm**

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### **1. Let's Go Teams!!! (*Improving Processes*)**

Microsoft Teams is an app that serves as the hub for team collaboration in Microsoft 365, integrating the people, content, and tools your team needs to be more engaged and effective. Teams provides a platform for communicating, collaborating, and managing work with your teammates. Bring your laptop to follow along. You will:

- Navigate the Microsoft Teams application.
- Learn when to use the different functions of Teams to communicate and collaborate to meet your needs.
- Gain an understanding of creating teams and channels that will help you bring together the right people for the right projects.

**Presenter:** Shavonne Smith – Microsoft Learning Consultant

### **2. Working Together for Water Quality and Sustainable Water Resources: Part 2 (*Improving Processes*)**

We sustain life, but we couldn't do it without water! Discover how Extension staff are engaging in water quality and sustainable use of aquatic resources, as well as collaborating with faculty on water quality research and outreach. The first half of this session will consist of "Engage in 5" talks introducing you to the work of colleagues from the water quality team, School of Environment and Natural Resources, and Ohio Sea Grant. The second half will be a panel discussion with a select group of Ohio State faculty members who focus on water and aquatic resource issues. The work your colleagues are doing in the water resource space is inspiring, and you'll come away from this session with new contacts and ideas for future programming.

**Presenters:** Tory Gabriel – Extension program leader, Ohio Sea Grant and Fisheries educator; Eugene C. Braig IV - program director, aquatic ecosystems; Heather Raymond - water quality initiative director

### **3. Get Creative! Adobe Creative Cloud Express (*Improving Processes*)**

Learn more about the newly expanded Adobe Creative Cloud suite now available for free access to all students, including graduate and professional. Take a deeper dive into the abundance of resources from Adobe with an introduction into a more user-friendly/web-based experience with Creative Cloud Express. Bring your laptop to follow along.

**Presenter:** Victoria Zubovich – student experience coordinator

#### **4. FABE Meet and Greet: Learn How You can Partner with Food, Agricultural and Biological Engineering (Improving Partnerships)**

This session is hosted by the Extension specialists in the Department of Food, Agricultural and Biological Engineering (FABE). You will hear from FABEulous Extension specialists who have a collection of multi-disciplinary programming for Ohioans. Don't let our department name fool you; come meet and greet with some pretty friendly and collaborative ag engineers. This is a two-way session, so we can connect our resources to fit your programs and clientele needs. We will share with you in lightning rounds the topics you may want to include in your educational programs and the Extension state specialists who can help you implement these programming ideas. And we can learn from you how our programs could be adapted/reformatted to fit your needs. Keeping with the conference theme – we want to introduce ourselves to our Extension family, renew past connections, and revision possibilities for future collaborations.

**Presenters:** **Dee Jepsen** – state specialist, OSU Extension; **Erdal Ozkan** – state specialist, OSU Extension; **Laura Akgerman** – program coordinator, Ohio AgrAbility; **Patrick Sours** – College of Engineering, Humanitarian Engineering; and additional FABE Extension educators

#### **5. Equipping Professionals and Volunteers to Work with Families Living in Poverty (Improving People)**

4-H has made the bold commitment to close the opportunity gap, and the Youth Living in Poverty Champion Group is one effort to address this issue. All Extension professionals can be working with youth and adults who are living in poverty, and can add some tools to their “toolbox” for planning Extension programs. The facilitators will review the resource, *Tip Sheet on Strategies for Working with Youth Living in Poverty*, developed by this group that was written for Extension professionals and volunteers. We will also review other resources designed to help Extension professionals meet the needs of this underserved audience. Learn about a variety of strategies that can make Extension programs more accessible for audiences who may be experiencing poverty. Extension professionals will then be able to share these strategies with other professionals or volunteers who support Extension programming.

**Presenters:** **Travis West** – assistant professor; **Jennie Hargrove** – youth program specialist, Iowa State; **Dorothy Munn** – educator, Michigan State; **Sarah Chvilicek** – 4-H youth development coordinator, University of Nevada, Reno; **Joanna Tzenis** – associate professor, University of Minnesota; **Matilian Cassmeyer** – educator, University of Missouri

#### **6. The Secret Sauce in Designing Evidence-Based Programs in Extension: Let's kick it up a Notch! (Improving Programs/Products)**

This presenter will show the need to design and develop evidence-based Extension program and the key elements of these programs, termed the secret sauce. Learn how to kick it up a notch to increase the overall effectiveness of your programming efforts, improve accountability, and demonstrate positive program outcomes to various stakeholders. Developing evidence-based programs through forming strategic partnerships will also be highlighted.

**Presenter:** **Ingrid Adams** – associate professor

#### **7. Positive Impacts through Progressive Relationships with Court Systems (Improving Partnerships)**

Partnership, Programming, and PHunding! participants will learn the value of creating strong positive relationships with local court systems and recognize how this can provide additional funding to the county Extension office. As Extension seeks a diversified funding stream for operational sustainability, a great programming partner can be the courts. Court systems access funding for both proactive and reactive programming and are required to use evidence-based or evidence-informed programs. Extension is known for implementing research-based, relevant programming, and that is what the courts are seeking. These working relationships must be built on the strengths of each entity. Extension's strengths are teaching and education. The court system strengths are securing funding and administrative oversight. Finding ways to successfully

partner with court systems creates a win-win for both groups and ultimately provides a positive impact within the county.

**Presenters:** Treva Williams – area leader/educator, family and consumer sciences; Dennis DeCamp – educator, family and consumer sciences; Jo Williams – educator, 4-H youth development; Abbie Mowen – educator, 4-H youth development

## **8. Navigating Professional Advancement in Extension via Faculty Promotion (*Improving People*)**

A mindset of continuous growth in combination with an understanding of faculty expectations in the Department of Extension creates the potential for individual, organizational, and community excellence. Excellence of this magnitude has the potential to make healthy, happy, highly functioning Extension faculty, and ultimately make Extension an employer of choice. Regardless of your rank or position, you play a role in the advancement of faculty colleagues in the Department of Extension. Plan to attend to learn how you can help and bring your questions to help us grow and learn together. This interactive session will highlight the key elements of the faculty promotion process, engage a panel of recently promoted faculty colleagues, and inspire participants to action.

**Presenters:** Gregory Davis – assistant dean and associate chair, OSU Extension ; Jason Hedrick – associate professor, area leader, and 4-H youth development Extension educator (P&T committee chair - 2023)

## **9a. How to Participate in Innovative Collaboration as a New(er) Educator: Expanded 360-Degree Virtual Tours of Model Urban Farms (*Improving Programs/Products*)**

**(25-minute Session ■ 2:30-2:55pm)**

This presentation is in two parts. Part one is an Extension lesson-in-practice about the importance of collaboration between new(er) Extension educators and field specialists to increase the value of innovative strategies and creative works. Part two is highlighting one such innovative collaboration. Learn how a 360-degree camera and associated software were used to create virtual tours of urban farms in Ohio. Participants will be encouraged to assess the use of this technology for their program areas.

**Presenters:** Margaret Rivera – educator, agriculture and natural resources; Jim Jasinski – professor/IPM program coordinator

## **9b. Sustainability Minded Businesses: Good on (Recycled) Paper and in Real Life (*Improving Programs/Products*)**

**(25-minute Session ■ 2:55-3:20pm)**

Plastic is the most prevalent trash material found in the Great Lakes, with an estimated 22 million pounds of plastic entering the Great Lakes each year. To combat this emerging pollutant, Ohio Sea Grant and the Ohio Clean Marinas Program are working with businesses to establish and implement sustainable business practices. The overuse and misuse of plastics is prevalent in businesses who have little idea how to move away from the inexpensive and readily available plastic products they frequently use. In working with businesses to remove single-use plastics, we have been able to track customer response, analyze financial impacts, and develop best management and sustainability business practices. The lessons we have learned and the resources we have created are applicable to businesses across the state. Participants will have access to all the education and outreach resources, as well as methods for evaluating resource effectiveness.

**Presenters:** Jill Bartolotta – educator; Sarah Orlando – educator; Scott Hardy – educator; Sue Bixler – educator

## **Breakout Session 5: Wednesday, December 7 ■ 9:00-9:50am**

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### **1. Your Best Storage Yet with OneDrive (Beginner) (*Improving Processes*)**

OneDrive is the Microsoft cloud service that connects you to all your files on any device. OneDrive allows you to enjoy the freedom to access, edit and share your files on all your devices, wherever you are. If you lose your

device, you won't lose your files and photos when they're saved in OneDrive and you can stay connected. OneDrive allows you to share your documents and collaborate in real time with Office Apps. We will:

- Explain what OneDrive is and why it's important to your work.
- Describe the key features of OneDrive.
- Explore the sharing capabilities within OneDrive and when to use each one.
- Delve into how OneDrive integrates within the full Microsoft environment including Teams and SharePoint.

**Presenter: Shavonne Smith** – Microsoft Learning Consultant

## **2. Summer Harvest Adventure: Impact of an Obesity Prevention Program for Vulnerable Families (Improving Programs/Products)**

Summer Harvest Adventure was a social, behavioral, and environmental intervention made possible through a USDA-AFRI Childhood Obesity Prevention Grant award. The goals of the Summer Harvest Adventure program were to promote obesity prevention lifestyle strategies and fill the summer meal gap for families with children, ages 8-11 years, residing in low-resource communities. For three years, we hosted a 10-week, garden-based summer program for child-caregiver dads. An Extension educator led classes that involved nutrition education, cooking demonstrations and tastings, kinetic activities, and harvesting fresh garden produce. Program evaluation data demonstrate that this study was feasible and acceptable to participants, an effective way to achieve the stated intervention goals, and is ready to be scaled up into community settings. Learn best practices and considerations for replicating a Summer Harvest Adventure program in your local communities.

**Presenters: Colleen Spees** – associate professor, medical dietetics, Ohio State College of Medicine; **Jenny Lobb** – educator, family and consumer sciences, Franklin County

## **3. Create Workforce Development Courses Online: Now is the Time! (Improving Programs/Products)**

We will showcase two ScarletCanvas online courses created for the purpose of workforce development through a partnership between Extension educators, who served as subject matter experts, and instructional designers from the Nationwide Workforce Development EDVantage team. We will also announce the opening of a second round of proposal submissions and outline the RFP process. Attendees will be invited to apply for support to transform their in-person curriculum or course into an engaging self-paced online course.

**Presenters: Summer McLain** – instructional aids associate ; **Teresa McCoy** – director, Learning and Organizational Development Team

## **4. Yours, Mine, Ours: Creating a Successful Program Partnership (Improving Processes)**

Are you fortunate enough to have a second or third colleague in your county with whom to share program responsibilities? Have you found a way to make it work for you and your program? Creating a mutually beneficial partnership is important, but it can be difficult to do. Allow us to share a few examples of how we have made it work in our case, and how our program is stronger because of it!

**Presenters: Lisa McCutcheon** – educator, 4-H youth development; **Adrienne Anderson** – program assistant, 4-H youth development

## **5. Thriving Together: The New 4-H Thriving Model (Improving Programs/Products)**

The national 4-H program has recently adopted the 4-H Thriving Model to guide our youth development efforts. The 4-H Thriving Model predicts that participation in high-quality youth development programs helps youth thrive, and thriving youth achieve key developmental outcomes. The model illuminates the process of positive youth development with theoretical and practical applicability to programs employing a positive youth development approach (Arnold & Gagnon, 2019). The 4-H Thriving Model is based on the extensive body of research in youth development and builds on the 5Cs model that resulted from the *4-H Study of Positive Youth Development* (Lerner & Lerner, 2013). While our 4-H professionals may take the lead in youth

development efforts, Extension is comprised of highly collaborative and supportive teams; and all members can benefit from a greater understanding of the theory behind the countless hours of programs, planning, training, and life-changing experiences.

**Presenters:** **Nate Arnett** – area leader/educator; **Kirk Bloir** – assistant director, Ohio 4-H Youth Development

## **6. Assessing and Addressing COVID-19 Vaccine Hesitancy in Rural Ohio (*Improving People*)**

Join us to learn about the EXCITE Vaccinate with Confidence project that assesses and addresses COVID-19 vaccine hesitancy in rural Ohio. We know vaccine hesitancy won't end with COVID-19, and we would like to expand upon the best practices learned in this study to help address immunization hesitancy for other vaccines.

**Presenters:** **Amy Meehan** – program specialist, Healthy People; **Dan Remley** – field specialist; **Myriam Shaw Ojeda** – assistant professor

## **7. Convoluted to Coherent: Tactics for Making Scientific Research and Information Understandable to Everyone (*Improving Partnerships*)**

The fact is, scientific research can be hard to explain. We will discuss the complex nature of communicating scientific information and identify tactics to make it easier. If you ever find yourself struggling to find the words to describe and explain your research or the research of others, this session is for you.

**Presenters:** **Cara Lawson** – assistant professor; **Joy Rumble** – associate professor

## **8. Breaking Thru Silos: Learn from Successful Cross-Programmatic Teams (*Improving Programs/Products*)**

This hands-on session aims to inspire you and your team to action! Bring your office, state, or cross-programmatic team. Listen to three, 7-minute flash talks as successful collaborative teams discuss their projects/programs. We'll hear how STEM and technology programming is bridging the gap between Extensions' programmatic silos; the OSU Extension county team from Miami county will discuss how they are successfully delivering cross-programmatic offerings to their county clientele, and the Ag Safety and Health Team will share how Extension employees from across the college get involved with their projects. Afterward, join in a facilitated 25-minute working session to help your team put ideas in motion. Bring a project you're working on, an idea you got from the conference, or adapt one of the projects presented in the flash talks to bring to your community or team.

**Facilitators:** **Ashley Kulhanek** – educator, agriculture and natural resources; **Alisha Barton** – educator, family and consumer sciences

**Presenters:**

**Ohio 4-H STEM:** **Mark Light** – leader, Ohio 4-H STEM and Digital Engagement Innovations

**OSU Extension, Miami County:** **Jessica Adams** - educator, 4-H youth development; **Amanda Bennett** - educator, agriculture and natural resources

**Ag Safety and Health Team:** **Dee Jepsen** – state specialist, OSU Extension; **Laura Akgerman** – program coordinator, Ohio AgrAbility; **Wayne Dellinger** – educator, agriculture and natural resources; **Gigi Neal** – educator, agriculture and natural resources

**Other Ag Safety and Health Team Members:** **Dee Jepsen** – state specialist, OSU Extension; **Laura Akgerman** – program coordinator, Ohio AgrAbility; **Wayne Dellinger** – educator, agriculture and natural resources; **Gigi Neal** – educator, agriculture and natural resources; **Mark Badertscher** – educator, agriculture and natural resources; **Richard Purdin** – educator, agriculture and natural resources/community development; **Sabrina Schirtzinger** – educator, agriculture and natural resources; **Ken Martin** – professor, community development; **Misty Harmon** – educator, family and consumer sciences; **Bridget Britton** – field specialist; **Kate Homonai** – program coordinator; **Rob Leeds** – educator, agriculture and natural resources; **Beth Scheckelhoff** – educator, agriculture and natural resources; **Andrew Holden** – educator, agriculture and natural resources; **Taylor Dill** – educator, agriculture and natural resources; **Jamie Hampton** – educator, agriculture and natural resources



## **Poster Session and Exhibitors: Tuesday, December 6 ■ 3:30-5:00pm**

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### **EDUCATIONAL OUTREACH POSTERS**

#### **CED Office Hour Live! (poster 1)**

At the height of the COVID-19 pandemic, it became clear that additional educational formats were needed that would provide for social distancing. CED Office Hour Live! was born out of this need. Due to ongoing demand, it has continued to grow and expand. Based on community feedback, the Community and Economic Development (CED) Team identified the following four areas of focus for this educational platform:

- supporting small business development
- assisting small-scale farmers
- catalyzing personal and professional development
- building resilient communities

CED Office Hour Live! delivers relevant and current content in a virtual, engaging, and highly interactive conversational format.

**Authors:** **Amber Twitty** – educator/CED team member; **Eric Smith** – educator/CED team member; **Ambrose Moses, III** – educator/CED team member

#### **Facing the Future Together: Living and Working Well in a Complex World (poster 2)**

We live in a complex world. Family and consumer sciences is the field of study focused on the science and art of living and working well in our complex world. We would like to share that "art and science" with our colleagues. The ESP Extension Professionals' Creed states: "I believe that education is a lifelong process, and the greatest university is the home." Not only is education a lifelong process for those we serve in our communities, but we are also fortunate to be lifelong learners. Using the theme of "facing the future together," this session will allow time and space to work together to share real-life examples of learning across the life span and leveraging the work of the family in the home to increase Extension's impact and empower individuals, families, and communities to thrive.

**Authors:** **Patrice Powers-Barker** – educator, family and consumer sciences; **Marie Economos** – educator, family and consumer sciences; **Margaret Jenkins** – educator, family and consumer sciences; **Heather Reister** – educator, family and consumer sciences; **Katie Schlagheck** – educator, family and consumer sciences; **Sandra Slater** – educator, family and consumer sciences

#### **Using Gardens and Produce to Reach All Communities in Our County (poster 3)**

Utilizing a learning garden can benefit members of our community in several different ways.

**Authors:** **Sara Niekamp** – program assistant, SNAP-Ed; **Gigi Neal** – educator, agriculture and natural resources; **Margaret Jenkins** – educator, family and consumer sciences; **Mackenzie Mahon** – educator, 4-H youth development/family and consumer sciences; **Becky Fiscus** – program assistant, SNAP-Ed; **Kelly Royalty** – educator, 4-H youth development; **Meghan Burdsall** – office associate

#### **Teaching Assuring Quality Care for Animals to Gain Market Access (poster 4)**

Assuring Quality Care for Animals programs are well established in the United States. These programs have shifted from voluntary participation to being required to gain market access. In 2018, several meat packers and commercial buyers wanted their beef supply produced under quality assurance guidelines. These consumer-driven demands have allowed OSU Extension to provide local programming to help farmers and youth gain market access.

**Authors:** **Kathy Bruynis** – area leader/educator; **Chris Bruynis** – area leader/associate professor/educator, agriculture and natural resources; **James Morris** – educator, agriculture and natural resources/community development; **Gigi Neal** – educator, agriculture and natural resources

### **The New 4-H Thriving Model – Thriving Together (poster 5)**

The national 4-H program has recently adopted the 4-H Thriving Model to guide our youth development efforts. The 4-H Thriving Model predicts that participation in high-quality youth development programs helps youth thrive, and thriving youth achieve key developmental outcomes. The model illuminates the process of positive youth development with theoretical and practical applicability to programs employing a positive youth development approach (Arnold & Gagnon, 2019). The 4-H Thriving Model is based on the extensive body of research in youth development and builds on the 5Cs model that resulted from the *4-H Study of Positive Youth Development* (Lerner & Lerner, 2013). While our 4-H professionals may take the lead in youth development efforts, Extension is comprised of highly collaborative and supportive teams; and all members can benefit from a greater understanding of the theory behind the countless hours of programs, planning, training, and life-changing experiences.

**Authors:** **Nate Arnett** – area leader/educator; **Jenna Hoyt** – educator; **Kirk Bloir** – assistant director, Ohio 4-H Youth Development

### **Working Together to Reach Mental Health Service Providers Across Ohio (poster 6)**

Many of Ohio's rural communities lack access to trained mental health service providers; and in communities that do have providers, most lack an understanding of the unique challenges that farmers, farm families, and rural communities face. Recognizing the seriousness of farmer and rural mental health and the lack of trained counselors who understand the challenges of farming or living in a rural community, a cross-disciplinary team of OSU Extension professionals came together to address this issue. The team created a "Farm Stress Certified" curriculum and partnered with the Ohio State College of Social Work to educate mental health service providers across Ohio.

**Authors:** **Bridget Britton** – field specialist, behavioral health; **Shea Bennett-Callen** – continuing education program coordinator, College of Social Work; **Jami Dellifield** – educator, family and consumer sciences; **Peggy Hall** – field specialist, agriculture and resource law; **Dee Jepsen** – state specialist, Ag Safety and Health; **David Marrison** – farm management field specialist and educator, agriculture and natural resources; **Ken Martin** – state specialist, community development; **Sarah Noggle** – educator, agriculture and natural resources; **Chris Zoller** – educator, agriculture and natural resources

### **Engaging Adults and Youth at Farmers' Markets (poster 7)**

Creating positive interactions with community members at farmers' markets through food demonstrations allows for brief educational interactions with multifaceted positive results. Many children and adults are unwilling to purchase new fruits and vegetables because they are unsure of quality, taste, cooking methods, and price of produce. By providing a live demonstration of a simple recipe with minimal and easily sourced ingredients, market customers can try different produce found through that market. This, in turn, can lead to vendors experiencing an increase in sales for the featured produce. During the food demonstration, various educational points are also discussed; for example, how to cut a winter squash or how to use spices in recipes. In our study, recipe samples had more positive than negative responses from both adults and children after each demonstration. Customers were excited to have the knowledge of how to prepare a new recipe.

**Authors:** **Elizabeth Flinner** – educator, family and consumer sciences, Central State University Extension ; **Kelly Beers** – regional Extension associate, Central State University Extension

### **Connecting Volunteers to Local Youth Programs Through Horticultural Projects (poster 8)**

This poster tells the story of recent efforts of the Muskingum County Master Gardener Volunteer program to support teacher-led projects with youth in the community. This program has evolved to meet the needs of a changing volunteer organization and to continue to provide an historically well-received resource to our



clientele. Teachers and youth leaders in the community are asked to apply each year to receive support from the Muskingum County Master Gardener Volunteers. Under the 2022 model, applicants received seed-starting kits to complete a spring project with their students. In 2022, the program reached out to a local community foundation during an open grant application period to secure funds to accelerate these teacher-led projects.

**Author:** Clifton Martin – educator

### **What Your Teen Needs to Know about Shooting Sports (poster 9)**

Ohio 4-H Shooting Sports strives to build lifelong skills in members through shooting sports curriculum activities that enable youth to reach their potential as capable, caring, contributing citizens. Across all 88 counties, a countless amount of shooting sports clubs offer endless opportunities to youth ages 8 and up – but how do older youth benefit in this specialty program? Learn about opportunities geared toward teen members through 1) the shooting sports junior leader program, 2) weekend workshops and trainings, 3) camp counseling for statewide camps, and 4) networking and competing on a national scale. We intend to promote, encourage, and recruit our members; and to do so, we must invite our Extension colleagues to learn more about these opportunities as well.

**Authors:** Caitlyn Romshak – educator, 4-H ; Tracy Winters – educator, shooting sports and natural resources

### **Extension Sustainability Tools and Resources (poster 10)**

The sustainability team developed materials and strategies to be used by educators through social media, with 4-H, school enrichment programs, school food service, at county fairs, during presentations, and when hosting meetings. All materials are housed at [fcs.osu.edu/programs/resources/sustainability](https://fcs.osu.edu/programs/resources/sustainability) and were developed within the last three years. Materials and activities include a series of three-minute videos called Sustainable Action through Video Engagement (SAVE), a 4-H idea starter, a series of tip sheets, a 3-D virtual reality home tour, and a sustainable meeting guide to help businesses, organizations, and community groups host sustainable meetings and conferences.

**Authors:** Daniel Remley – field specialist, food, nutrition, and wellness; Audrey Dimmerling – educator; Alisha Barton – educator, Miami County; Candace Heer – educator, Morrow County; Courtney Warman – program specialist; Laura Stanton – educator, Warren County; Jill Bartolotta – educator, Ohio Sea Grant; Amy Meehan – program specialist, Healthy People; Lindsey Grimm – program director, Morrow County Recycling, Solid Waste District; Jon Gladden – systems developer, family and consumer sciences; Andrew Holden – educator, agriculture and natural resources; Susan Zies – educator, family and consumer sciences; Marie Economos – educator, family and consumer sciences; Brian Roe – professor, CFAES Department of Agricultural, Environmental, and Development Economics; Beth Bollas – program assistant, community development

### **Hitting the Road – Taking 4-H on the Road with the Mobile Design Lab (poster 11)**

Ohio 4-H is hitting the road in the 4-H Mobile Design Lab. Through an Ohio Department of Education grant, the 4-H Clovers CODE program reached 1,500 youth in summer 2022 in the Mobile Design Lab. Learn more about taking OSU Extension to the people and how to reserve the lab for your event.

**Authors:** Mark Light – leader, Ohio 4-H STEM and Digital Engagement Innovations; Christy Millhouse – educator, STEM

### **Publishing Analytics (poster 12)**

Extension professionals who partner with Extension Publishing connect with current and new clients. See the analytics of the Extension Publishing store and Ohioline to discover how these platforms deliver professionally produced content to an active audience that extends to Ohioans and the world. Statistical data from page views and sales provide powerful feedback on audience engagement that helps shape new content and identify the priorities for updating older content. Discover how audience-engagement data provides real-world leverage when applying for promotion and awards.

**Authors:** Annie Steel – editorial design, Extension Publishing; Timothy Vargo – technical editor, Extension Publishing

### **The Quality of Life and Attitude Cycle (poster 13)**

You wake up on the wrong side of the bed, it's cloudy and rainy, and you are excited about the day. What are your thoughts, and how do they make or break your attitude? Do you want today to be a good one? Then believe it will be. This poster outlines the workshop in which you will learn how to do this.

**Author:** Kyle White – area leader/educator, community development

### **Taking 4-H School Enrichment to the Next Level (poster 14)**

Do you like to make a difference and have fun? So do we! Join us to learn more about how Lorain County's STEM Sally created a fun, hands-on STEM program that benefits our youth, teachers, families, local businesses, and communities. We will provide strategies and resources needed to build and nurture community relationships, adapt program delivery and curriculum, and secure local funding through the example of the Lorain County 4-H STEM program. Leave prepared and inspired to "replicate" this process in your county. Curriculum "menus" and hands-on STEM activities will be shared with all participants.

**Authors:** Sally Hennessy – educator, 4-H STEM; Jacqueline Baca – educator, 4-H youth development

### **Embrace the "AND:" Redefining Career Readiness Through Ohio 4-H Pathways to the Future Program (poster 15)**

All young people deserve to be career minded AND college minded, while being prepared to further their education AND the world of work. Learn how the Ohio 4-H Pathways to the Future program is designed to redefine the path to career readiness in the 21st century to prepare tomorrow's workforce.

**Author:** Margo Long – program manager, Ohio 4-H Workforce Development and Pathways

## **IDEAS IN ACTION POSTERS**

### **Ohio 4-H Youth Caught the Spark (poster 16)**

Ohio 4-H Spark EXPO (Exploring Pathway Opportunities) is an exciting NEWER opportunity for youth to explore a variety of career and educational opportunities in collaboration with Ohio State's College of Food, Agricultural, and Environmental Sciences. Youth participants get the chance to develop valuable skills, make new friends, and fuel individual growth! Learn how this event contributes to Ohio 4-H's career readiness and workforce development efforts.

**Author:** Margo Long – program manager, Ohio 4-H Workforce Development and Pathways

### **Storytelling with the Extension Keys: Leveraging Noltner's "Portraits" to Improve Impact (poster 17)**

When someone mentions storytelling, we find ourselves either delighted or running in the opposite direction. (You know which one you are.) But what if there's more? What if we positioned storytelling (and listening) at the beginning of our Extension work to better connect, come alongside, diversify inputs/options, join energies, and co-create solutions to positively impact our communities? Further, what if we overlaid our keynote speaker's idea of storytelling and listening on our Extension Keys (trust, inclusion, care, adaptability, efficiency) to make better connections and subsequently have increased positive impacts in the communities we serve? Learn how a roundtable discussion can help us explore these opportunities.

**Author:** Brian Raison – field specialist, organizational and community leadership development

### **Online Health Education Programming Can Be Successful (poster 18)**

Extension educators have had to adapt to new ways to meet audiences. This initial pilot program for a lunch and learn series has grown to reflect 27 lunch and learns with a great participation rate and knowledge gained. This has been done through efforts in a partnership with county employees' wellness committees, as well as content from Live Healthy Live Well, marketing, and logistics. This shows that online programming may still be effective to reach an audience that may never have experience with OSU Extension.

**Author:** Katie Schlagheck – educator, family and consumer sciences

### **Planning the Buildout of Rural Broadband: An Appalachian County Case Study (poster 19)**

The broadband story in rural Appalachian Ohio is a model example of the need to leverage this moment in time, with the hard lessons learned from a global pandemic, to emphasize the economic and equity impacts the lack of connectivity have on a community, its students, its businesses, and its residents. The well-being of communities hinges on this critical built infrastructure and the ability of everyone to connect. The inequity of rural broadband, or the "digital divide," is real. The Federal Communications Commission estimates that more than 21 million people in the United States don't have internet connection. That includes nearly 3 in 10 people or 27 percent who live in rural places, as well as 2 percent of those living in cities. In the same way that the Rural Electrification Act transformed Ohio communities in the 1930s and the Interstate Highway System reshaped our economy 30 years later, broadband access will shape economic participation. The poster is a rural community's case study.

**Author:** Gwynn Stewart – educator, community development

### **Using Technology to Improve Data Collection (poster 20)**

Still using paper surveys? Learn how we embraced technology to improve data management. EFNEP staff describe the successes and setbacks of using web-based programs to collect participant data.

**Authors:** Suzanne Saggese – program specialist; Udoka Durunna – research associate

### **Learn by Doing – Developing Workforce Skills through Competition and Community Partnerships (poster 21)**

Workforce skills are needed by all youth and are considered a cornerstone of the 4-H program to develop life skills through hands-on experiences. This poster provides information on a county-based workforce skills contest that connected those dots of a 4-H contest to real-world skills. Participants in the contest practiced cover letters, resumes, and interviews. Community partnerships were leveraged to provide significant sponsorship and judges for the contest. Details of the program and everything needed to replicate this within other county programs will be provided.

**Author:** Christy Clary – educator, 4-H youth development

### **MINE Program: Year One Outcomes and What's to Come (poster 22)**

Hearing the call of OSU Extension personnel, in August 2021, an organization-wide effort was launched to improve mentoring within OSU Extension. The program includes training for mentors, networking opportunities for mentors and mentees, and a variety of resources made available to all. Additionally, based on research, the program administrators employed a new matching technique to create mentor-mentee matches. Evaluation data has been collected from both mentor and mentee participants. At time of submission, data has been received from more than 150 participants, including information at three-month and nine-month check ins. For example, the three-month evaluation results indicate 69 percent of matches are compatible and 24 percent are somewhat compatible, and 85 percent of respondents feel more connected to the workplace as a result of the program. The resulting poster will include outcomes from the first 14 months of the program and include recommendations for improvement moving forward.

**Authors:** Jared Morrison – organization development consultant, Learning and Organizational Development Team;  
Amanda Rysz – program specialist, training and professional development

### **Stark County 4-H C.L.O.V.E.R. Reads Program – "Catch Lots of Very Exciting Reading" Program (poster 23)**

The 4-H C.L.O.V.E.R. Reads program provides Stark County 4-H youth an opportunity to earn recognition for learning more about their 4-H project areas, improve their reading ability, experience the lifelong skill and joy of reading, develop a positive volunteer opportunity for personal growth, and support their club by performing reading-related community service. The Catch Lots of Very Exciting Reading program is a cost- and time-effective way to promote reading awareness and develop positive lifelong reading skills.

**Author:** David Crawford – educator, 4-H youth development

## RESEARCH POSTER

### **The Use of Manure to Improve Soil Health, Water Quality, and Farmer Profitability (poster 24)**

Lake Erie's algal blooms are continuing to be an issue that farmers must be mindful of when applying nutrients to a field. Manure and commercial fertilizer are two common ways to do this. Experiment 1 looked at manure applications by evaluating the field in the spring and the following fall, and comparing any changes in soil health, as well as evaluating nutrient concentrations in tile outlet water from each field. Experiment 2 evaluated different nitrogen rates in fields with and without a history of manure. Soil samples and tissue samples were collected for both experiments, and Experiment 1 included tile water outlet sampling. Both experiments were conducted in 2022, and will be repeated in 2023.

**Authors:** Amber Emmons – research associate, water quality; Leo Deiss – visiting assistant professor, soil fertility and soil health; Steve Culman – associate professor; Greg LaBarge – field specialist, agronomic systems; Glen Arnold – field specialist, manure nutrient management systems; Heather Raymond – director, Water Quality Initiative; Rachel Cochran – water quality associate; Paige Garrabrant – water quality associate; Courtney Krieger – water quality associate; Matthew Romanko – water quality associate

## UNDERGRADUATE/GRADUATE STUDENT POSTERS

### **An Exploratory Study of 4-H Professionals' Experience with Computer Coding, Professional Development, and Implementation of Coding into Community Programs (poster 25)**

Increasing STEM literacy to prepare students to enter the workforce is an important step toward filling the growing need for workers in STEM fields. Quality professional development is one tool to increase educator efficacy to conduct STEM programming. Learn about Clovers CODE, a partnership between OSU Extension, several other entities at The Ohio State University, and Apple's Community Education Initiatives. Clovers CODE introduces 4-H professionals to coding and provides them with technology resources, with the expectation that they will teach coding to young people in their respective counties after training. This poster describes a study of 4-H professionals' experience implementing coding education with youth, where Clovers CODE represented a single-case case study. Learn the rationale for and purpose of the study, methods used, findings, and implications for research and practice.

**Authors:** Beth Giffin – graduate student; Theresa Ferrari – state specialist, 4-H youth development

### **Social Media Usage in Ohio State University Extension ANR Communication (poster 26)**

Each of the 31 topic-area teams within OSU Extension are responsible for their own communication efforts. No research has been done to evaluate channels used by Extension agriculture and natural resources (ANR) teams. An evaluation of the OSU Extension ANR teams' social media use was conducted and compared to U.S. averages. There were five media outlets found to be used by the ANR teams. Media outlet usage was then compared to national average data from the PEW Research institute. The findings of this audit of media outlets provide valuable information for future Extension agriculture and natural resources communication efforts. Comparisons show that some gaps exist between Extension's outreach and typical media use in the United States; identifying and understanding these gaps will assist in future efforts to improve ANR communication.

**Authors:** Kiley Holbrook – undergraduate student ; Erica Summerfield – graduate associate ; Annie Specht – associate professor

### **Nutrition and Physical Activity for Young Children through School Gardens (poster 27)**

Research conducted earlier this year assessed barriers and supports faced by early care and education teachers when implementing garden-based learning activities for children ages 3-5 in Ohio. This poster presents experiences during and results from a needs assessment conducted in spring 2022. Explore how you can support nutrition and physical activity with school garden education, resources, and technical assistance in your community.

**Authors:** Lauren Preston – intern, Farm to School; Carol Smathers – associate professor, field specialist, youth wellness and nutrition