The Quarterly Newsletter is a summary of what each of our educators have accomplished in the past quarter to be Indiana's educational partner for life!

Our Agriculture and Natural Resources, Health and Human Sciences and Community Development, and 4-H and Youth Development educators, along with Purdue Extension and Harrison County staff, are working hard to provide quality education and services to all members of the county. Reflecting on the past several months, we all kept quite busy! Now, as the year is coming to an end, we are continuing to assess how we can best work to address and meet the needs of the community now and into 2024!

WELCOME TO THE QUARTERLY NEWSLETTER!

WHAT'S IN THIS QUARTER'S ISSUE:

- Ag Days
- Agriculture and Natural Resources
- Community Development
- Health and Human Sciences
- Nutrition Education Program
- 4-H & Youth Development
- Broadband Information

Tara Beckman
Health and Human Sciences & Community Development Educator

Ariel Camm
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April-October Report

Harrison County Annual Ag Days

On September 26th-27th, over 500 third graders from all over the county came to the Harrison County Fairgrounds to learn about agriculture. Youth explored topics related to livestock, drones, grain bin safety, dairy, embryology, soil health and the nutritional aspects of plant parts, rabbits, horses, soil and water, and tractor safety. The students were provided lunch that consisted of an all-beef hotdog, bag of local popcorn, baby carrots, clementine, ice cream and a bottle of water. A special thank you to the organizations who sponsored and assisted with lunch. Finally, all teachers and students received a goodie bag full of fun agricultural items to explore at home and back in their classrooms. Thank you to ALL of our sponsors, guest speakers, and partnerships for your support with our 2023 Ag Days. This event was a success thanks to your contributions.

- American Dairy Alliance
- American Dairy Association Mideast
- Baker Creek Heirloom Seed Company
- Corydon Central High School FFA
- Day Family Farms
- Harrison County Agricultural Society
- Harrison County Cattlemen’s Association
- Harrison County Farm Bureau
- Harrison County Master Gardeners, Inc.Harrison County Soil and Water Conservation District
- Heidi Potter, Purdue Extension - Clark County
- The Hutch ‘n Bunch Rabbitry & Daylilies
- Indiana Beef Council
- Indiana Farm Bureau
- Harness Horse Youth Foundation
- Indiana Soybean Alliance
- New Middletown Volunteer Fire Department
- North Harrison FFA
- Preferred Popcorn
- Premier Companies Ag & Energy Services
- Protect The Harvest
- Shirley Jones
- U.S. Department of Agriculture Farm Service Agency
- Wright Implement Co.
Meet the Educator:
My name is Ariel Camm, and I am excited to be the Agriculture and Natural Resources Educator for Harrison County. I have resided in Harrison County my whole life and am blessed to share my passion for Agriculture! I graduated from Western Kentucky University with a B.S in Agriculture with a concentration in Agriculture Business. While at WKU, I served as an Agriculture Ambassador for 3 years and a member of the Block and Bridle Livestock Club for 2 years.
Agriculture has always had a big role in my life. I was a 10-year 4-H member where I showed dairy steers and exhibited 125 projects. I was also a 6-year FFA member at North Harrison and was heavily involved in leadership positions, national soils judging, state crops, forestry, and dairy foods. In my free time, I enjoy judging dairy cattle and going tractor pulling. I am looking forward to meeting everyone and helping with your agriculture needs.

Grow It, Cook It, Learn It: Root Vegetables
On September 21st Educators, Ariel Camm & Tara Beckman, joined forces to present “Grow It, Cook It” to Harrison County Master Gardeners & the public as a part of their Fall Speaker Series! Root Vegetables were both the talk and tastes of the evening. Participants learned about growing techniques and different varieties of the plants along with nutrition-based info of each. Everyone watched recipe demonstrations, received various seeds to begin their own gardens, and sampled a variety of root vegetables including: beet chips, beet smoothie (a fan favorite of the night!), cauliflower and parsnip mash, and maple glazed roasted turnips.
Overall, it was a successful night full of farm to table education, fun, and yummy root vegetable samples! Thank you, Master Gardeners, for inviting us!
Nature Camp
Youth gained hands on experiences while learning about wildlife, trees, water quality, habitats and healthy living at our ANR/4-H 2-Day Nature Camp at Patoka Lake. We ended our time with a boat ride on Patoka Lake, thank you Patoka Lake Marina for your support!

Farmers Market: Pop-Up Booth
ANR Educator, Ariel Camm, and HHS/CD Educator, Tara Beckman, were at both the Harrison County and Corydon Farmer’s Markets to give others more insight about the fresh, local produce you can find! At the Purdue Extension booth market visitors were able to stop by, sample and learn about the featured produce item each week, get a take-home recipe and info sheet, and then have the opportunity to shop the market in order to remake the recipe on their own. Featured produce included: zucchini, peppers, and cucumbers, and repeat visitors shared their successes with the recipes given from the previous visit.

Career Day
ANR Educator, Ariel Camm and HHS/CD Educator, Tara Beckman, visited Morgan Elementary School for their annual career day on October 5th. There were 5 sessions, consisting of 1st and 2nd grade students, that were educated on what services Purdue Extension has to offer. Items, which represented one or more of the educators’ areas of expertise, were presented as an interactive activity in which the students then guessed which educator(s) was associated with the items. For example, a cow was ANR and 4-H related and MyPlate was HHS and 4-H related. Overall, students were able to explore career paths, skills needed to successfully execute job responsibilities, and how Purdue Extension is here for the students and their families now and in the future.

Thank you, Morgan Elementary, for inviting us!
Community Development (CD)

TASC
Taking Action to Address Substance Abuse in Communities

This summer, HHS & Community Development Educator, Tara Beckman, completed necessary training and is now able to facilitate Taking Action to Address Substance Use (TASC) in Harrison County and surrounding communities interested in creating a collaborative approach to addressing substance use disorder.

TASC, developed by a team of health professionals and Extension professionals from Purdue University, the University of Illinois at Urbana-Champaign, and The Ohio State University is recommended for communities which may not be using all their resources, have a shortage of treatment providers, experience significant barriers to recovery, or who wish to take a more proactive stance on substance use and develop an effective community-based intervention to augment and collaborate with existing recovery resources.

This program will allow the Extension Educator to provide the necessary tools needed to serve a community and assist in the creation and/or improvement of a Recovery Oriented System of Care. Reach out to Tara Beckman if you and/or your organization is interested in TASC.

Managing Conflict

HHS & Community Development Educator, Tara Beckman, has had multiple opportunities around the area to conduct Managing Conflict. Managing Conflict, which is a 2-hour program, gives participants the opportunity to explore different conflict styles, learn to diagnose types of conflict, and gain strategies for managing conflict effectively. Recent participating entities have included: Orange County and Spencer County’s Community Leadership Programs and a continuing education workshop for Wildlife Biologists. If you’re interested in this interactive and informational presentation for your group or organization, feel free to reach out to learn more!
A Matter of Balance

Health & Human Sciences Educators, Tara Beckman (Harrison Co.) and Emma Finerfrock (Clark Co.) teamed up to deliver an 8-session A Matter of Balance Program this summer. It was a successful program filled with great conversations, resource sharing, discussions surrounding improvements for their living community, and focuses on improving ways to manage their falls and increase physical activity levels!

Special thanks to the Lincoln Hills Development Corporation- Milltown Housing for the Elderly for their interest and participation in this program and Angela Wulkopf for volunteering her time and being our guest healthcare speaker during Session 7. Participants were eager to converse with each other, engage in activities, and ultimately strive to keep their independence through the education obtained at each session.

Blender Bike Fun!

HHS Educator, Tara Beckman, had the pleasure of using Jennings County’s Blender Bike for the two county-wide Agriculture Days, for all 3rd Graders in the county, to sample the “Fruits Of Your Labor,” as well as a “Mixing It Up With Smoothies” program for adults.

“Fruits of Your Labor” was a partnership with Harrison County Master Gardeners where students learned about the importance of soil health and water for plants to grow. Then, incorporating various parts of the plant, made their own smoothie samples using the Blender Bike.

“Mixing It Up with Smoothies,” in partnership with the HCPL- Elizabeth branch, focused on nutritious ways to build smoothies that addressed MyPlate goals for adults, while also discussing tips and tricks to smoothie success. Participants each took a turn blending the three smoothie options created and then sampled that evening!

Kids, teachers, and adults alike were excited to give it a try- & you can’t beat the physical activity and yumminess that comes from it! Special thanks to Purdue Extension- Jennings County for letting us borrow this fun teaching tool again this year!
IEHA: International Day

HHS/CD Educator, Tara Beckman, partnered with Harrison County Extension Homemakers for their “International Day,” which was titled “Water World” this year, in an effort to continue highlighting ways individuals can maximize their well-being and those around them—specifically as it relates to water. Their keynote speaker was a representative from the non-profit WaterStep organization, who highlighted their mission of providing sustainable clean drinking water to those in need in both developing areas and those more local struck by disaster. Tara’s presentation gave insight into how we use water daily. It began with a visual demonstration to show why water conservation is so important (even if it feels like we often have endless supply) and then went on to discuss water’s impacts and importance to our ecosystem, our bodies (regulating body/organ functions and hydration importance), our health (acute vs. chronic health effects of unclean water, proper hygiene, & disease prevention), and then impacts by the numbers, which featured a wide range of statistics from a variety of credible resources related to water and water (un)cleanliness. Finally, ways to help local and global water efforts were encouraged and focused on Implementation, Education, and Support. Participants were also provided a rack card to begin sharing with others the same info and statistics shared during the presentation- with the hopes of better understanding and ongoing positive impact by all.

Planting Seeds of Hope

On Saturday, May 20th, Purdue Extension teamed up to provide “Planting Seeds of Hope” at the Region 18 Foster Parent Appreciation Event. The event was held at the beautiful Arami Acres in Georgetown. During the day, Health & Human Sciences Educators Emma Finerfrock (Clark Co.) and Tara Beckman (Harrison Co.), along with Nutrition Education Program Advisor Cindy Finerfrock (Harrison, Floyd, and Clark Co.), discussed the parallels of caring for plants and caring for ourselves, educated on the new 988 Suicide and Crisis Lifeline, assisted as each participant (adults and youth!) planted their own tomato seeds, and provided them with a wealth of resources on caring for themselves and their seeds, how to harvest the tomatoes, store them, and use them in recipes provided. It was a great event- filled with wonderful people, conversations, education, resources, and fun!

Nutrition Education Program

Eat Smart, Live Strong: Picnic Safety

As a part of Tara and Cindy’s ongoing “Eat Smart, Live Strong” Series, this summer they featured Picnic Safety in partnership with the HCPL- Corydon branch. This program focused on food safety, especially during the summer heat and fun, discussed the use of thermometers as a way to avoid the food danger zone (every participant got to take one home), samples of nutritious summer favorites were offered, and light physical activity encouraged. We just love when everyone comes together—whether its for the season or a fun and educational program aimed to keep everyone healthy!
**Vet Camp**

On October 12th, once again, several youth learned a variety of skills and knowledge of the life of a veterinarian. They all learned about basic first aid, parasites, biosecurity, injections, skeletal systems, animal nutrition, and eyeball anatomy dissection! As always, thank you so much to veterinarian Dr. Sharon Christie from Smith Animal Clinic for visiting Vet Camp again to share your experiences and knowledge with our future veterinarians!

**Mini 4-H Day Camp**

Our Office Manager, Mary Eve, and Summer Intern, Kristen Wernert, along with Extension Staff, lead the annual Mini Day Camp this July. This years theme was Hawaiian Luau! We had an absolute blast with our minis with a day full of fun crafts and activities! We had a couple of special guests including Indiana DNR who brought some turtles for the kids! Our second guest was a...chicken! (Fun fact: Did you know that Hawaii has wild chickens?!) Our amazing volunteer AJ took on the role as our chicken and did fantastic! Thank you to all of our wonderful volunteers and staff!

**Painting and Pastries**

Our Extension Program Assistant, Jocelyn Faith, taught the Painting and Pastries class in September. It went "amoozing" as youth learned to paint a colorful, abstract highlander cow. The best part about abstract is that no painting will look the same and that they all turned out great! While some youth had prior experience with painting and some youth were painting for the first time, everyone was able to follow along with each step of the process as we all learned a new painting skill together. Thank you to everyone that came and had a good time painting and enjoyed their Nutella pastries. Thank you to the volunteers that helped the youth in the class as well!
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WHAT IS BROADBAND?

Broadband is defined by the Federal Communications Commission (FCC), a government entity that regulates telecommunications, as an internet connection that is always on and faster than dial-up.

DO I HAVE BROADBAND?

While the definition is a bit vague, it really means that if internet service available at your address (home, business, organization, etc.) is slower than 25 megabits per second or 3 Mbps download and 3 Mbps upload (Mbps refers to the amount of data that can be handled by your internet connection), 25% or fewer, there are considered underserved. If you do have 25/3 Mbps service but not 100/20 Mbps available, you are considered underserved. If either of these is the case, your address could be eligible for funds to provide service of at least 100/20 Mbps. In case you were wondering, “DSL” service refers to speeds of 1,000 Mbps.

The FCC unveiled a new map and needs your help to make sure your address and internet service offered are accurate. Read more on how to review your address by reading this blog post: 3Mbps is Being Better. Broadband to Indiana - Purdue Center for Regional Development.

WHAT TYPES OF BROADBAND TECHNOLOGIES ARE THERE?

Broadband technologies vary resulting in different internet speeds and reliability measured in Mbps per technology, but the most common ones include:

DIGITAL SUBSCRIBER LINE (DSL)
This one uses your copper phone line to provide an internet connection.

CABLE
This one is usually offered by cable companies and rely on a combination of fiber-optic and coaxial cable.

SATELLITE
This technology also requires an antenna at your address and line of sight with the satellite providing the internet connection. However, please note that this technology is not considered broadband by the upcoming federal funds. In other words, if your address has access to satellite service, you can still be considered underserved or underserved.

FIXED WIRELESS
This technology requires an antenna and line of sight between your address and the tower providing the service.

FIBER-OPTIC
This technology relies on very thin glass fibers, usually as thick as a human hair, to provide internet service.

FIXED VS MOBILE BROADBAND
Upcoming broadband funds can only be used for what is called fixed broadband. This refers to the fact that the end-user (a home, business, etc.) is fixed or does not move. Mobile broadband refers to cellular data plans. All technologies described here are considered fixed broadband.

SPEED TESTS

Another wrinkle to consider is that beyond internet service being available, is the issue of reliability and quality of service. One way to measure this is through speed tests. A speed test calculates your download and upload speeds (again, measured in Mbps). If your internet connection consistently delivers speed tests below what the provider says it is providing, there may be some quality issues. This in turn may make your address eligible for funds to build more high-quality internet service. You can see what service you subscribed to by checking your internet bill.

To conduct a speed test on your existing service or to report an address with no service, please visit: pcred.purdue.edu/speedtest.

And remember, speed tests are free so please complete as many as possible, as frequently as possible! The more data there is on your internet service, the better!

ADOPTION AND AFFORDABILITY

In addition to having access to adequate internet, another issue is adoption. Many times, internet is available, but folks do not subscribe because they may not be able to afford it. Fortunately, there is a program in place called the Affordable Connectivity Program (ACP) that provides $30 per month to eligible homes ($75 in qualifying tribal lands and high-cost areas). Please visit www.fcc.gov/ACP for more information and for instructions on how to enroll.

Purdue University Office of Engagement

The Office of Engagement fosters reciprocal relationships with external partners to address societal challenges by leveraging University resources in teaching, research, and engagement. These resources include colleges and academic units, service learning, Purdue Innovation, and the Purdue Center for Regional Development, to name a few.
April-October 2023

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