



UNIVERSITY OF MISSOURI EXTENSION

Harrison County

2020 ANNUAL REPORT



1505 Main St., Courthouse Basement
Bethany, MO 64424
660-425-6434
harrisonco@missouri.edu
extension.missouri.edu/harrison
facebook.com/MUExtensionHarrisonCounty



**Office of Extension
and Engagement**
University of Missouri

**OFFICE OF THE VICE CHANCELLOR
FOR EXTENSION AND ENGAGEMENT**

108 Whitten Hall
Columbia, MO 65211

PHONE 573-882-2394

EMAIL stewartmars@missouri.edu

December 1, 2020

Dear county commissioners and friends of MU Extension,

Few of us have experienced a year quite like 2020. The COVID-19 pandemic has brought each of us so many unforeseen professional and personal challenges. Yet, as difficult as the last months have been, they have also called us at University of Missouri Extension and Engagement to think about our work differently and find new ways to serve and respond to Missouri's needs.

We are working harder and more innovatively to develop local and statewide partnerships and collaborations that help us improve lives, communities and businesses across the state. Through our four UM System universities, we are working to expand our state's broadband access and support statewide efforts to prepare our workforce for 21st century opportunities. This work is key to keeping Missouri's economy competitive and helping people and communities in every part of our state thrive.

We continue to expand and develop tools like the All Things Missouri web portal (<https://allthingsmissouri.org>) that provide a wealth of data local leaders can use to pinpoint county and community needs and plan for coordinated solutions. New COVID-19 tracking tools, for instance, help county health departments accurately assess the local impact of the virus and coordinate targeted responses. A new Missouri Food Finder tool (<https://mofoodfinder.org>) matches consumers with growers and producers to create a market for locally grown foods. The UM System Community Connect web portal (<https://community.umsystem.edu>) showcases the many resources, services and faculty programs available to the community through each of the four universities in the UM System. Please explore and use these tools. Tell us how we can improve them to better serve you.

Whether online or in person, we are committed to working with you to deliver knowledge, resources and programs that best meet your communities' interests and needs. I hope you see the impact of that work in this year's county annual report — just as you see your own hand, as key stakeholders, in making this work possible.

We greatly appreciate your support of MU Extension as partners within your community. As always, I welcome your input on how the University of Missouri can better serve you as we look forward to a brighter year ahead.

Sincerely,

Marshall Stewart, Ed.D.
Vice Chancellor for Extension and Engagement

Who we are

Faculty and staff



Jackie Spainhower

County Engagement Specialist in Agriculture and Environment, Community Economic Development

Andy Luke

Field Specialist in Agronomy

Bart Skroh

Youth Program Associate

Marcia Meek

Office Manager and Bookkeeper

Becky Simpson

County Engagement Specialist in 4-H Youth Development

Kaylie Walker

County Engagement Specialist in Health and Nutrition Education

Shawn Deering

Field Specialist in Livestock

Jessica Trussell

Field Specialist in Human Development

Jim Crawford

Field Specialist in Agricultural Engineering

Penny Crawford

Nutrition Coordinator (FNEP)
NW Region Family Nutrition Education Program

Joe Lear

Northwest Regional Director

Council members

Kevin Heyle, Chairman
Denise Jennings, Vice-chairman
Vanya Skroh, Secretary, 4-H
Susie Rollheiser, Treasurer
Jerry Collins, Farm Bureau
Jim Holcomb, Commissioner
Jake Taylor, City of Bethany
Robin Frank
Sherry Henson
Kurtis Kimble
Caroline Peery
Robert Skeens
Kenton Smith
Tanya Thomas



Greta Bottcher, Harrison County Clerk, swears in new and returning Extension Council members at the annual meeting: Vanya Skroh, Caroline Peery, Susie Rollheiser, and Jake Taylor.

County commissioners

Jack Hodge, Presiding Commissioner
Jim Holcomb, South District Commissioner
Rick Smith, North District Commissioner

Budget and more

Appropriations budget

Income

County Appropriations	25,000
Interest Income	5
Balance Transfers	3,812
Total Income	28,817

Expenses

Salaries/Benefits	24,656
Travel	1,581
Telephone	508
Office Supplies/Service	461
Insurance	1,260
Election Expenses	176
Furniture/Equipment	175
Total Expenses	28,817

Return on Investment

University System	100,000
Program Revenue	2,462

Key outcomes and numbers

- ✓ 34 Units of Blood Collected in Partnership with The American Red Cross.
- ✓ 6,058 Total educational contacts from MU Extension to residents of district counties.
- ✓ 497 contacts related to productive farming, better gardening, and managing natural resources.
- ✓ 5,547 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development.
- ✓ The University of Missouri has launched [MU Community Connect](#), a platform designed to improve opportunities for connection between the university and various populations in the communities they serve.
- ✓ SBDC held multiple classes to help Missourians learn about starting a business and how to write a business plan
- ✓ Farm Tax Workshop classes began to help farmers navigate their taxes and professionals prepare to assist their customers.

MU Extension is a unique funding partnership.

Extension funding is a three-way partnership of federal, state and county government. Federal and state money, through the University of Missouri system, pay professional staff salaries, training costs, computers and communication equipment. County funds support the local office, secretarial and youth assistant salaries, staff mileage and council expenses.

The Harrison County Extension Council, faculty and staff would like to express our appreciation to the Harrison County Commissioners for their continued support of extension programs.



Local Support

Did you know you can donate directly to Harrison County Extension with a gift to be used immediately or as an endowment contribution for long term efforts. Monies put into the endowment are left forever to earn interest with the county office benefiting each year. You can also direct your donation to a specific program such as 4-H or Master Gardeners.



Economic Opportunity

Ag Update and Pesticide Applicator Training



On February 17, Andy Luke provided Pesticide Applicator Training for 10 Harrison County residents; additionally, four residents attended in a neighboring county. Updates provided at the event included new data on land values/cash rental rates, strategies to reducing input costs without reducing yields and retaining ownership of cattle.

Grain Marketing Workshops

MU Extension in Harrison County hosted a one-day Grain Marketing Workshop on March 9, with 11 people in attendance. This workshop helped producers manage commodity price risk and obtain higher commodity prices for their corn and soybeans. The program was presented by Martyn Foreman and Melvin Brees, University of Missouri - Columbia.



Harrison County Work Ready Communities

ACT[®] Work Ready Communities Harrison County Commissioners asked Extension faculty to assist with an application for the ACT Work Ready Communities program. This program is an economic development initiative that helps employers find qualified workers, and workers assess their work skills.

On November 10th the County was informed that their application had been accepted and they now have two years to complete goals to achieve full status as a Work Ready Community.



This event brought together business leaders, economic development professionals and decision makers from eight states to strengthen regional networks. Jackie Spainhower assisted in soliciting speakers from northwest Missouri for two Missouri-led sessions, and facilitated the discussion on fostering entrepreneurship. Participants from Harrison County attended the on-line workshops.



As a result of COVID-19, MU Extension and the Missouri Small Business Development Center joined efforts to provide focused support to agribusinesses through the SBDC for Agriculture, Food and Forestry.



In January, Extension partnered with USDA's Farm Service Agency to offer meetings to explain crop provisions in the 2018 Farm Bill. Brett Gilland, with FSA provided an overview of the bill.



Educational Access & Excellence

Harrison County 4-H Programming

All four Harrison County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking, and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from computer science and arts to animal science and healthy living. Clubs involve youth in community service, camping and educational trips.

This year, 124 youths participated in Harrison County 4-H clubs and SPIN Clubs. 4-H SPIN and special-interest clubs and programs include: community partnerships and events, day camps, after school programming, and other educational activities.

4-H members are supported by 24 youth and adult volunteers. Volunteers are the core of the 4-H Program. They help to create, support and deliver educational programs and experiences.

Missouri 4-H volunteers report contributing on average 100 hours per year to the program. Valuing their time at \$25.43 per hour (Independent Sector, 2019), the contribution of Harrison County 4-H volunteers was worth more than \$61,032 in 2020. More importantly, these individuals serve as role models and mentors for youth.

Before the lockdown, YPA Bart A. Skroh, participated in the Northwest Regional Energizer where he taught three sessions on leathercraft, two for youth (32 total) and one for adults (12 total). After the lockdown, Bart participated in the virtual youth camp that reached more than 100 youth and worked with the camp's nighttime activities group to produce 4-H promotional material that interacted with more than 1,100 people.



Bart Skroh provided a modified Water Festival for afterschool kids at Cainsville, walking them through the Enviroscope activity that shows the impacts of water pollution. Below: students at the Cainsville afterschool program experiment with Bernoulli bags.

Family Nutrition Education Program



Family Nutrition Education Programs

Nutrition and life skills for Missouri families

Missouri Extension's Family Nutrition Program (FNEP)

49 participants directly

and 225 indirectly with nutrition education in Harrison County during 2020 a significant percentage of which were low income. FNEP provides information on nutrition, food safety, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies.





County highlights

Highlights from Harrison County 2020



Bart Skroh presents Pat Ellis with the Leaders Honor Roll award for her hard work and long standing service to the 4-H Clubs of Harrison County.



Kent Shannon, Agricultural Engineering Specialist, shows a large drone during a presentation at the annual Extension Council meeting.



Building Communities
for Better Health
BETHANY

Kaylie Walker, CES in Health and Nutrition Education (Gentry) and Jackie Spainhower participated in the Harrison County Health and Wellness Coalition, sponsored by the Harrison County Health Department. This coalition has three main focus areas: increase physical activity, decrease tobacco use/exposure, and increase access to healthy foods. In 2020, Jackie helped the coalition by completing a walkability assessment of the sidewalks in Bethany.



Winners of the Big Pumpkin Contest held during the County's 175th Anniversary Celebration. Stella Starmer, 1st at 86.5 lbs pumpkin, Emily Starmer, 2nd at 83.5 lbs, and Warren Umphry, 3rd at 82 lbs. Andy Luke plans to make this an annual event.



Office Manager, Marcia Meek, passed out boxes of raisins for Scare on the Square. Faculty and staff interacted with over 650 people at the annual event.



Although COVID-19 sent faculty and staff to work from home in late March, we worked hard to maintain a presence within the Harrison County community. One way we did this was by partnering with the American Red Cross to host a one-day blood drive at the Bethany Community Gym on May 5th. Andy Luke, Field Specialist in Agronomy, supported the event, providing one of 34 units collected. The Harrison County Extension Council plans to host an annual blood drive coordinated with the American Red Cross.



County highlights

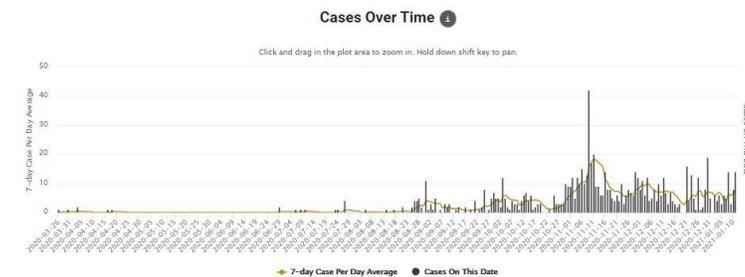
Impact of COVID-19 and How Harrison County Extension Faculty and Staff Adapted



Jackie Spainhower helped facilitate the Northwest/Mid-Mo cohort of the first statewide offering of the Neighborhood Leadership Academy program. Seen above are the graduates from the cohort's inaugural class. NLA teaches individual leadership skills, along with basic community development principles.



As education programming went on-line, so did summer 4-H camps. Bart Skroh presented a virtual leatherworking session, guiding youth through the process of making decorative leather items.



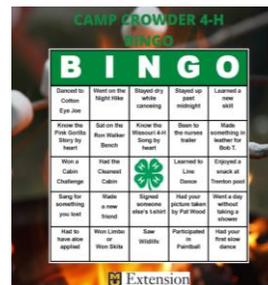
The University of Missouri's Center for Applied Research and Engagement Systems (CARES) through Harrison County Extension coordinated with the Harrison County Health Department to be a pilot community for a COVID-19 dashboard that tracks COVID cases on a real time basis. This site went live right after the first of the year (2021).

Forage and Livestock Townhalls were held weekly throughout the year to give producers timely information on related topics. State and Field Specialists provided current information on a broad range of topics including forage species, alternative feed sources, weed control while answering producer questions in a safe and convenient environment. Right: Shawn Deering, Field Specialist in Livestock, demonstrates how to use a hay probe.

FOOD SAFETY for Food Producers & Small Business

- Overview of Food Safety Regulations
- Differences between USDA and FDA pertaining to inspections and audits
- What is the compliance criteria
- Legal authority of USDA and FDA
- Basic concept of a Hazard Analysis
- Basic concepts of GMP's

As part of the new SBDC for Ag, Food and Forestry, Jackie Spainhower co-hosted a Food Safety webinar on November 17. Several regional small farm producers participated.



Bart Skroh worked on a social media bingo card which was used as part of the nighttime activities at 4-H camp. The card had over 1,100 engagements on Facebook.

