



UNIVERSITY OF MISSOURI EXTENSION

Hickory County

2020 ANNUAL REPORT

Location:

**18715 Cedar Street
Hermitage, MO 65668**

Hours:

8am-4:30pm

Contact Info:

417-745-6767 – Phone

hickoryco@missouri.edu – Email

MU Extension in Hickory County – Facebook

Hickory County Extension Council

David Stryker, Chair
Mark Swigert, Vice-Chair
Linda Wilson, Secretary
Carl Button, Treasurer
Chase Crawford, Commission
Chris Kerr, Farm Bureau
Austin O’Neal, Cattlemen’s
Stacy Coulsell
Lynn Gideon
Jordan Lewton
Jeff Owen
Ben Owsley
Warren Olinger
Linda Peppers
James Wheeler

Hickory County Faculty and Staff

Teresa Wise
Community Engagement Specialist
in Nutrition & Health Education
Velynda Cameron
Youth Development Specialist
Terry Halleran
Agronomy Specialist
Vacant
Nutrition Program Associate
Jocelyn Wheeler
Office Manager

**Staff serving Hickory County (based
in other counties)**

Kyleigh Sullivan
Human Development Specialist
Michele Kroll
Community Development Specialist
Andy McCorkill
Livestock Specialist
Gene Schmitz
Livestock Specialist
Ramon Arancibia
Horticulture Specialist
Raysha Tate
Agriculture Business Specialist
Wesley Tucker
Agriculture Business Specialist

**2020 Hickory County University of
Missouri Extension Council
Operating Budget**

Revenue	
County App.	<u>\$34,838.04</u>
Total Revenue	\$34,838.04
Expenses	
Secretary Salary	\$25,643.98
Council Paid Benefits	\$3,500.41
Travel	\$1,902.32
Telephone	\$1,628.38
Supplies and Service	\$1,723.02
Insurance & Legal	\$337.00
Miscellaneous	\$30.00
Election Expense	\$87.50
Equipment	<u>\$299.90</u>
Total Expenses	\$35,152.51
Net Income (Loss)	(\$314.47)
Restricted	\$41,423.36
Unrestricted	\$18,014.09

**University of Missouri’s
Contribution to the
Hickory County Extension Program**

University of Missouri provides approximately \$173,380 annually for the salary, benefits, training and equipment expenses for one community engagement/nutrition & health specialist (Teresa Wise), and one agronomy specialist (Terry Halleran) in Hickory County.

Hickory County Commissioners

Keith Mertz
Presiding Commissioner
Rick Pearson
Westside Commissioner
Chase Crawford
Eastside Commissioner

State Legislators

Sandy Crawford
Senator, District 28
Warren Love
Representative, District 125



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

Hickory County



UM System Footprint in the county in 2020



FY20 county students

18 students

- 13 Undergraduates
- 5 Graduate and professional students
- 11 Full-time students
- 7 Part-time students



County employees and retirees

3 people employed by UM

- 2 Campuses
- 1 UM Health Care



County alumni

Selected school alumni

- 4 Nursing
- 1 Health Professions
- 2 Dentistry
- 1 Pharmacy
- 1 Veterinary Medicine
- 3 Agriculture
- 8 Engineering
- 2 Law

Alumni teaching K-12

- 3 teachers
- 3.5% of all district teachers



County breakdown

MU

- 6 students
- 41 alumni
- 2 employees

UMKC

- 6 students
- 18 alumni
- 0 employees

Missouri S&T

- 6 students
- 8 alumni
- 0 employees

UMSL

- 0 students
- 2 alumni
- 0 employees



County properties and offices

MU Extension in: Hickory County



County population: 9,368



County services provided

Health care (FY20)

- 102 in-state patients seen at UM Health Care, with \$31,066 of uncompensated care
- 5 in-state patients seen at UMKC School of Dentistry with a statewide average of \$56.94 per patient in uncompensated care
- University of Missouri Health Care's Missouri Telehealth Network recorded 147 visits to 121 patients having ZIP codes associated with the county

Extension (FY19)

- 8,002 Total educational contacts from MU Extension to residents of district counties, including:
- 334 contacts related to productive farming, better gardening, and managing natural resources
- 7,657 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
- 11 contacts related to starting businesses, developing community leaders, or renewing the local economy

Hickory County



University of Missouri System
COLUMBIA | KANSAS CITY | ROLLA | ST. LOUIS

UM System Statewide Footprint

Economic and Community Development Highlights

- In 2019, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 20,283 jobs.



For every dollar invested from 2015 to 2017, the MU Extension Business Development Program has returned \$120 in economic impact for its clients by increasing sales more than \$1.19 billion. For a total impact of \$2.7 billion, the program has generated more than 29,000 jobs and attracted nearly \$347 million in capital investments and \$1.17 billion in government contracts.

- Between FY14 and FY19, UM System brought Missouri more than \$1.09 billion in federal and private research funds, funded primarily from outside the state but spent within the state.



In FY20, UM System was issued 42 patents and filed 41 new U.S. patent applications.

- In FY20, UM System construction projects resulted in a total investment in the state of \$113.4 million.



In FY20, Missouri Telehealth Network brought the expertise of University of Missouri Health Care physicians to underserved areas—45,057 visits from 35,640 patients from all 114 Missouri counties and the City of St. Louis

Education and Training Provided



72,581 police, fire fighters, and medical professionals attending continuing education (2018)



Agriculture and natural resource programs served 138,921 farmers and related businesses (2019)



300,807 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2019)

Education Highlights

FY20 Financial Aid Awards

In FY20, 69.6% of the UM System's 81,459 students received financial aid totaling \$930.4 million



UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 57 higher education institutions (255,000 students), 490 K-12 school districts (860,000 students) and 122 public libraries (serving nearly 3 million Missourians) in 2019

- UM System awarded 50.5% of the 31,708 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2019-20.
- UM System awarded 41.1% of the 1,815 research doctorates and 27.8% of the 3,234 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2019-20.
- In 2020, UM System's \$31.5 million in National Science Foundation (NSF) grants represented 88.6% of all NSF grants made to Missouri public colleges and universities.

Supporting the University of Missouri is an investment in the future of Missouri.

The university advances Missouri citizens and communities through its mission of teaching, research, public service, and economic development across our four campuses and University of Missouri Extension.

Prepared in December 2020, based on the best available and most recent data. Data Sources include: Missouri Office of Administration • UM IR • Office of Social and Economic Data Analysis (OSEDA) • Center for Applied Research and Engagement Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Dept. of Health and Human Services • National Science Foundation



University of Missouri Extension
Family Education Nutrition Program

January 19, 2021
Hickory County Extension Center
18715 Cedar Street
Hermitage, MO 65668

Re: Hickory SNAP-Ed Public Value Statement 2020

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$9,964,840.00 in federal funds to Missouri. The funds support engagement with 723,461 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri. There were 3,209,545 direct educational contacts. This year we had 2,817,878 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

658 direct and indirect contacts were made in Hickory County.

Participants in SNAP-Ed learn the importance of making healthier meals and snack choices, eating breakfast more often, are more willing to try new foods, increase their physical activity, and make healthier food choices. Those who practice healthy eating and are physically active are more likely to contribute to a healthy labor force and enjoy a high quality of life throughout the lifespan.

This vital programming effort also reduces healthcare costs over the participant's lifetime, saving taxpayer money in reduced public healthcare benefits and insurance premiums.

The following is a list of the locations where participants were served in Hickory County:

<u>Schools</u>	<u>Agencies</u>
Hermitage Elementary	Hickory County CARES
Skyline Middle School	Hickory County Health Department
	Hickory County Senior Center/Care Connection
	Hickory County Farmers Market

In summary, it has been a successful year in Hickory County for SNAP-ed. We look forward in 2021 to more programming opportunities and continued progress in helping to improve the lives of Missouri families.

Thank you,

Michelle Chapman-Larson

Michelle Chapman-Larson
West Central FNEP Coordinator

2020 Annual Report Information Gene Schmitz, MU Extension Field Specialist in Livestock

2020 started out normally, with meetings and events including native warm season grass workshops in Sedalia and Clinton, SMQA training in Pettis and Morgan counties, Mid-Missouri Grazing Conference in St. Martin, Replacement Heifer Development in California and livestock updates in conjunction with pesticide applicator training in Cooper and Morgan counties.

Face-to-face programming came to a screeching halt in late March. We pivoted to virtual meetings and held two Sheep and Goat Management workshops, one in April and one in November. MU Extension organized weekly Forage Town Hall meetings for Extension specialists and producers. I presented on two of those virtual meetings.

I was asked to provide assistance with the Clinical Rural Immersion Program designed for MU System medical, pharmacy, and nursing students interested in rural medicine. Originally scheduled for Sedalia / Pettis County area, I assisted the program by leading two virtual farm tours utilizing drone imagery and video to replace actual farm tours. Training future rural health practitioners to care for the medical needs of rural Missourians is vital to the viability of communities and industries located throughout the state.



Native warm season perennial grasses (NWSG) have the potential to enhance forage systems by providing abundant, high quality forage during the summer months when traditional cool-season forages are declining in productivity and quality. A NWSG demonstration plot was established on the campus of State Fair Community College with the assistance of Dr. Todd Lorenz, MU Extension Agronomy Field Specialist, Brad Driskill, SFCC agriculture instructor, and Dave Nebruegge, MDC Private Lands Conservationist. These plots will give livestock producers and students firsthand knowledge of establishment and management methods of these forages and encourage their integration into forage systems throughout central Missouri.

Media efforts included news releases to newspapers and radio stations in my coverage area of Benton, Cooper, Hickory, Miller, Moniteau, Morgan and Pettis Counties. News releases were also carried in state and national publications such as the Missouri Beef Cattlemen magazine, Missouri Ag Clips, Missouri Farmer Today, Drivers Daily and Angus Daily Journal. Radio spots were recorded for KSIS in Sedalia and KRES in Moberly.

Planning for on-going educational efforts through the Alliance for Grassland Renewal, regional grazing schools, and the Missouri hay school was done with an emphasis for shifting some of these programs to a virtual format.

The MU Supplement Comparison Calculator was developed with the aid of Dr. Eric Bailey to allow producers to compare prices and nutrient composition of various commodity feed blends. This is useful when ingredient prices change or when ingredients are no longer available. Supplements based on balanced rations can be compared on an equal nutrient content without reformulating the entire ration.

Lbs of nutrients supplied		Supplement nutrient composition AS-FED BASIS									
	lbs.	\$	Ibs CP	Ibs TDN	NEm	NEg	Ibs Ca	Ibs P	ROP		
Base Supplement Mix	400	46.00	105.0	115.8	3.56	2.45	1.15	5.04	180.4		
Distiller's Dried Grains	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Corn Gluten Feed	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Soyhulls	400	142.00	17.24	170.10	6.54	4.71	2.67	1.30	404.2		
Wheat midds	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Corn grain	400	12.00	10.6	103.5	7.13	4.90	0.22	2.30	30.6		
SOM 48%	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
SOM 44%	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Total	1200	160.00	122.6	115.8	10.69	7.36	1.37	6.34	1190.2		
Supplement Nutrient %			10.22	10.06	0.85	0.58	0.26	0.45	90.1		
Cost per ton		\$160.00									

Optional Supplement Mix		Supplement nutrient composition AS-FED BASIS									
	lbs.	\$	Ibs CP	Ibs TDN	NEm	NEg	Ibs Ca	Ibs P	ROP		
Distiller's Dried Grains	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Corn Gluten Feed	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Soyhulls	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Wheat midds	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Corn grain	65	3.08	5.7	51.5	3.58	0.40	0.02	0.19	29.3		
SOM 48%	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
SOM 44%	0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.0		
Total	1200	3.08	5.7	51.5	3.58	0.40	0.02	0.19	29.3		
Supplement Nutrient %			4.63	44.6	0.33	0.05	0.01	0.03	2.46		
Cost per ton		\$3.08									

SPRING CALVERS	Hay	Supplement	Diet cost, \$/cow/day	
	Quality	fed, lbs/d	Buy hay	Raise hay
	Good	2.0	\$1.76	\$1.29
	Fair	3.2	\$1.37	\$1.37
	Poor	5.2	\$1.42	\$1.52

FALL CALVERS	Hay	Supplement	Diet cost, \$/cow/day	
	Quality	fed, lbs/d	Buy hay	Raise hay
	Good	2.8	\$1.91	\$1.43
	Fair	4.8	\$1.53	\$1.53
	Poor	6.3	\$1.53	\$1.63

The Cow Winter Feed Cost Dashboard was revised and updated to give producers an estimate of feed expenses for cow winter feeding programs. This planning tool can be adjusted to current hay and commodity ingredient prices for a more accurate representation of winter feed cost associated with different quality hay that is either purchased or raised on the farm.

Grant funded projects include the NRCS/MU Grasslands program, MU / MDC Native Warm Season Grass Cooperative Education project, and a three-year NRCS conservation partnership grant for developing an advanced grazing school, native warm season grass seminars, farm bill outreach workshops and an advanced grazing conference.

January/February 2020

HICKORY COUNTY

Agronomy - Terry Halleran



The Hickory County Master Gardeners Program currently service and care for 14 projects. One of their major projects is the garden and greenhouse located at the McCarty Senior Citizen Center in Wheatland MO. They also have established a small apiary to improve the pollination of the garden. All of the product produced is run through the kitchen at the center to provide fresh fruit and vegetables for those that eat there. This usually amounts to over 3000-3500 pounds of produce each year. They also purchase, plant, and grow annual bedding plants in their greenhouse for a spring plant sale. This fundraiser is the basis of funds needed to maintain their projects. The funds are also use for scholarship activities and youth programs. One such program is the First Grade Gardening Program currently servicing 6 local schools. Last year we touched around 350-400 students. This is a hands on program, with the help of the local FFA chapters, to get kids involved with planting and raising their own gardens.

Nutrition – Teresa Wise

Chronic Disease Self-Management and Diabetes Self-Management are small group workshops offered by Nutrition and Health Extension Professionals. These programs are taught in senior centers, churches, libraries, and hospitals where participants can learn techniques to deal with problems such as frustration, fatigue, pain, and isolation. We also discuss appropriate exercises, nutrition, and effective decision-making and communication, as well as many other topics. The classes are taught once weekly for six weeks and typically last around two and a half hours. Sessions are highly participatory and the mutual support and success builds participants' confidence in their ability to manage and maintain active and healthy lifestyles.



4-H - Velynda Cameron



4-H Community Service = a BIG deal!

Community service in the 4-H world is viewed as an important opportunity for the 4-H members to give back to their communities. It is an opportunity to give – from their *heart for greater loyalty* and their *hands to larger service to their community, their country and their world*. In fact, research shows 4-H members are four times more likely to give back through community service compared to their non-4-H peers.

On Saturday, February 8, the Blooming Hickorys 4-H club visited the Christian Health Care Center and made Valentines cards for and with some of the residents. Such a wonderful way to spend a Saturday morning!!! Allot of residents were sick and were not able to come down, but for the ones that did, they had fun!!! Some made cards for their loved ones, some had cookies, we had visits, played some Wii bowling and played the piano. A couple of the 4-H kids made good friends!! Kevin and Eli made fast friends while making cards and playing the Wii and Betty and Liberty exchanged addresses ♡. The club members all agreed we will be back! It was a great day!! ☘

KEY NUMBERS

Program	Number of Contacts
Client Consultations	126
Presentations Given	7
Presentations Participants	65
FNEP Nutrition Visits	11
FNEP Participants Taught	260
Telephone Inquiries	92
Walk-In Inquires	48
Hay & Soil Tests	25
Newspaper Articles	18

UPCOMING EVENTS

- Beekeepers Meetings – 2nd Tuesday of each month at 7pm
- Blooming Hickorys 4-H Meetings – 4th Monday of each month
- Hickory County Master Gardeners Meetings – 4th Thursday of each month at 9:30am
- Beginner Beekeeping Workshop – February 15th 8:30am-3pm Community Room at Care Center
- Master Gardeners Program – March 3rd – May 12th 6:30-9:30pm in Meeting Room
- Hickory County Ag Conference – March 26th 6pm at McCarty Senior Center
- Focus On Kids – April 6th 3:00 – 5:30pm in Meeting Room

DID YOU KNOW?

MU Extension Publications are available to order online at:

<https://extension2.missouri.edu/publications>

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March/April 2020

HICKORY COUNTY

Agronomy - Terry Halleran



With the onset of the COVID-19 Protocol our First-Grade Gardening Program was cut short. This year I was hoping to reach over 500 students. Around 200 students were already served from Skyline, Humansville, Weaubleau, Fair Grove, and Macks Creek before we were told to stop. I do know the Fair Grove students received their plants as my granddaughter sent me a picture of hers from home. Those schools yet to be addressed this spring were Hermitage, Wheatland, Bolivar, and Buffalo. This would have put us well over the mark. Maybe next year will be better. This could not have been accomplished without the help of the local FFA Chapters and our Master Gardener Program. Thank You to all that helped.

Here, a Skyline FFA member is helping a 1st grader place their seeds.

Nutrition – Teresa Wise

Nutrition and Health has taken this time of uncertainty as an opportunity to learn new ways to offer programming. Along with the many resources located on our Extension webpage, you can find new learning opportunities such as cooking demonstrations, food safety and preservation tips and classes such as “Taking Care of You” via social media and other remote tools such as Facebook, YouTube, and Zoom.

Allison Gunter, CES in Nutrition and Health in Dallas County, and myself have partnered to bring a cooking demonstration series to these platforms using our Can-Do recipes. These recipes spotlight ingredients that are commonly found in your pantry and are relatively inexpensive. Follow us on Facebook at MU Extension in Hickory County to view these videos.



4-H - Velynda Cameron

COVID-19 has the state on hold – but not 4-H. At this link is the HUGE amount of resources being created for 4-H'ers across the state by 4-H faculty and staff.

<https://extension2.missouri.edu/programs/missouri-4-h/4-h-opportunities/quarantime> On the 4-H

webpage you will find everything from “how to draw” videos, to lessons on cooking, to making dog treats. All face-to-face 4-H club meetings and project meeting are on hold at this time. Those meetings too are happening online via Facebook and via ZOOM. Summer camps have been canceled through July 31, just to keep everybody safe and healthy.

Currently, I am creating a video series on the metamorphosis of the caterpillar to butterfly that will be posted via Facebook and on the QuranTIME page. I am doing bi-weekly mailings to 4-H Clover Kids as well as 4-H members in Hickory County.



Missouri 4-H QuarantIME

Meeting the challenge with you!
Check out our **NEW** resources and daily opportunities.

 Extension
University of Missouri

KEY NUMBERS

Program	Number of Contacts
Client Consultations	5
Presentations Given	30
Presentations Participants	1000
FNEP Nutrition Visits	N/A
FNEP Participants Taught	N/A
Telephone Inquiries	114
Walk-In Inquires	82
Hay & Soil Tests	40
Newspaper Articles	12

UPCOMING EVENTS

- All In-Person programs are currently cancelled or postponed.
- For up-to-date information on programs offered via Zoom:
 - "Like" us on Facebook **MU Extension in Hickory County**
 - View our webpage at www.extension.missouri.edu/hickory
 - Subscribe to our email list – **Contact Jocelyn at**
wheelerjr@missouri.edu

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May/June 2020

HICKORY COUNTY

Agronomy - Terry Halleran



Due to COVID-19, all face to face programming is still on hold. I started a Troublesome Pasture Plant of the Week series. It is sent via email to nearly 400 contacts, including Extension Council members, County Commissioners, Master Gardeners, Local Newspapers, and many others. The article is also posted on our County Extension Facebook page. Each week a pasture plant is featured, along with pictures, with a description of the plant as well as ways to control the spread.



Nutrition – Teresa Wise

Remote teaching has become our new normal and it has been quite the change to convert our normally in-class sessions to a virtual platform. One virtual class offering we have hosted lately has been Cooking Matters at the Store. This is a free program that teaches adults how to stretch their food budgets so they can prepare healthy meals at home. During this virtual grocery store tour, participants learn how to read food labels, compare unit prices, find whole grain foods, and save money on produce. Participants receive a gift certificate for \$10 to spend towards healthy groceries. We were able to offer six Cooking Matters at the Store classes for Hickory County in the month of May.



4-H - Velynda Cameron



4-H continues virtually with no face-to-face contact. I completed the eight week mailing of 4-H project packets to members last week. We are planning a handmade project judging for July to select items that will show at Ozark Empire Fair and the Missouri State Fair (provided they happen.) Typically 4-H in Hickory county takes July off with a 4-H picnic in August. We are hopeful this will happen. Our new 4-H year begins October 1. The club has had three new members join since March due to seeing the activities and things posted online.

The butterfly video/Facebook series ended in May with a virtual butterfly release. The kids and families enjoyed watching the caterpillars grow and the butterflies hatch. I am working on a state team developing more online 4-H project materials. Virtual and online seems to be a new path to deliver curriculum now and for in the future.

One of our club members Makenna Mackey placed second in the state 4-H “youth’s business pitch challenge” with her pet boutique commercial.

KEY NUMBERS

Program	Number of Contacts
Client Consultations	6
Zoom Presentations Offered	8
Zoom Presentations Participants	42
Zoom Presentations Attended	111
Social Media Posts	21
Telephone Inquiries	92
Walk-In Inquires	15
Hay & Soil Tests	20
Newspaper Articles	18

UPCOMING EVENTS

- All In-Person programs are currently cancelled or postponed.
- For up-to-date information on programs offered via Zoom:
 - "Like" us on Facebook **MU Extension in Hickory County**
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July/ August 2020

HICKORY COUNTY

Agronomy - Terry Halleran



As the pandemic continues to effect our programing, we adapt and overcome. Although group meetings are very restrictive, our one on one farm visits have went well. Several hay samples have been collected and pastures have been looked at as people begin to pull soil samples for the fall fertilizer season. Allison Gunter and I recorded a short video, which can be viewed on our Facebook page, on how to properly take a hay sample to be sent in for testing. This September we will be hosting our 2020 Grazing School at the Hickory County MU Extension office as evening classes and a farm visit in Fair Grove to finish it up.

Nutrition – Teresa Wise

Stay Strong, Stay Healthy



Stay Strong, Stay Healthy is an evidence-based strength training program designed for older adults. The eight-week program includes 16 exercise classes that meet twice weekly for one hour. The benefits of a strength training program include increased muscle strength, improved balance, enhanced flexibility, relieves arthritis, reduces risks for heart disease, and many more. The goal of Stay Strong, Stay Healthy is to improve health and quality of life. The classes include warm-up exercises, eight strength training exercises, and cool-down stretches. We will be hosting a Stay Strong, Stay Healthy class on Mondays and Wednesdays beginning August 24, 2020 from 9:30 am to 10:30 am in the meeting room at no cost to participants.

4-H - Velynda Cameron



This is the closest our Clovers and 4H members are going to get to an exhibit day. They turned projects in on July 16th and the projects were judged on July 17th. 52 projects were turned in by 10 youth. Projects turned in were in Photography, baked goods, arts and crafts, rabbits, dogs, electricity, theatre, QuarantIME and clovers. QuarantIME was new this year, youth were able to do projects from anything they did during time at home during quarantine.

KEY NUMBERS

Program	Number of Contacts
Zoom Presentations Offered	10
Zoom Presentations Participants	117
FNEP Nutrition Visits	N/A
FNEP Participants Taught	N/A
Social Media Posts	35
Telephone Inquiries	120
Walk-In Inquires	73
Hay & Soil Tests	35
Newspaper Articles	27

UPCOMING EVENTS

- August 10th – Private Pesticide Applicator Training via Zoom – 6:30-9:30pm
- August 24th – October 14th – Stay Strong, Stay Healthy in Meeting Room
Mondays & Wednesdays 9:30-10:30am
- September 16-19th – Hickory County Grazing School
Wed-Fri 6-9pm in Meeting Room / Saturday 9am Farm Visit in Fair Grove
- For up-to-date information on programs offered via Zoom:
 - "Like" us on Facebook **MU Extension in Hickory County**
 - View our webpage at www.extension.missouri.edu/hickory
 - Subscribe to our email list – Contact Jocelyn at wheelerjr@missouri.edu

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UNIVERSITY OF MISSOURI
 **Extension**
 Hickory County

September/October 2020

HICKORY COUNTY

Agronomy - Terry Halleran

The **Grazing Systems Program** is now a statewide educational effort that teaches management-intensive grazing to livestock producers. This type of grazing management requires large pastures to be divided into small grazing areas, known as paddocks. It requires all livestock to graze a single paddock for a few days, then move to the next paddock.

After livestock have rotated through all the paddocks in a system, they return to the first paddock and cycle through the system again. The economic impact of this program can be quantified directly by the number of producers who enroll in the cost-share incentive programs known as EQIP, DSP-3, DSP-33, and DSP-333; every enrollee has been trained at a Regional Grazing School. These cost-share incentives offer funding and assistance to producers who are designing new grazing systems. The funding helps defray costs of fencing and watering systems. The list of cost-share recipients is maintained by Missouri Department of Natural Resources (DNR). From 1997 to 2014, the program has been adopted on 1.65 million acres in Missouri. In one year alone, the program was responsible for enhancing the Missouri economy by over \$83.6 million.



Nutrition/CES - Teresa Wise



2 of the Barn Quilts painted by participants at our first Barn Quilt class

In September we offered our first barn quilt class through MU Extension in Hickory County with the help of MU Extension in Dallas County. There was a large amount of interest and we had a good turnout. We hosted our second class on October 6 and have scheduled one per month through the end of the year. We've had the Hickory County Quilt Makers request a private group class, so we will be holding that later in October. For \$35, participants receive their primed board, several paint choices, and all necessary supplies to complete the barn quilt. This class has proven to be a great county engagement opportunity. We've enjoyed the chance to meet county residents and visit with them on a one-on-one basis, sharing the resources of Extension. Our next classes are on November 7 and December 4 and are now open for registration.

4-H - Velynda Cameron



(Left) Clover Kid Josie Marker with her 4-H pillow

(Above) Clover Kid Naomi Elliott with her clover kid entries



Projects picked for Best of Show in 3 Categories – Electricity & Technology – John Marker, radio; Expressive Arts & Home Ec. – Elizabeth Wiedmaier – garlic bread, and; Animals – Makenna Mackey – graffiti dog

See 4-H Report on page 3

KEY NUMBERS

Program	Number of Contacts
Presentations Offered	24
Presentations Participants	107
FNEP Nutrition Visits	N/A
FNEP Participants Taught	N/A
Social Media Posts	20
Telephone Inquiries	125
Walk-In Inquires	85
Hay & Soil Tests	66
Newspaper Articles	19

UPCOMING EVENTS

- Stay Strong, Stay Healthy Level One continues through Oct 14th
- Oct 22nd – Broadband Initiative Meeting in Meeting Room 6pm
- Chronic Disease Self Management in Polk Co – October 22nd - November 23rd
- Stay Strong, Stay Healthy Session 2 – End of October/Beginning of November TBA
- Diabetes Self Management – Begins Nov 3rd in Nevada
- Matter of Balance – Begins Nov 3rd in Nevada
- Nov 7th – Barn Quilt Class in Meeting Room 9am – 1pm
- Dec 4th – Barn Quilt Class in Meeting Room 9am – 3pm
- Pasture Management Drought Series 3-4 week Session – TBA
- For up-to-date information on programs offered via Zoom:
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2020 Hickory County 4-H Exhibit Day

Friday, July 17, 2020

Abbreviations:

OEF = Ozark Empire Fair

MSF = Missouri State Fair

Hickory County 4-H members were excited and set to compete at the annual Hickory County Livestock Show and Exhibit Day when COVID-19 hit and changed everything. Even though the livestock show didn't happen, 4-H project work did. On Friday July 17th, nine 4-H members and two Clover Kids participated in the annual 4-H project exhibit day.

The handmade 4-H projects demonstrate the knowledge and or skills learned during 4-H club and project specific meetings held throughout the 4-H year. For more information about 4-H contact Velynda Cameron, University of Missouri Extension 4-H youth development specialist at 417-745-6767 or by email at cameronv@missouri.edu .

(Members projects receiving a blue ribbon and selected by the judge, advanced to the Ozark Empire Fair (OEF) in Springfield, held July 30 thru August 8 and to the Missouri State Fair (MSF) in Sedalia, held August 13 thru August 23.

Handmade Exhibit Results

Clover Kids are youth age 5, 6 and 7 years old and receive clover kid (CK) ribbons

Josie Marker – 4-H pillow

Naomi Elliott – Bunny in a pot, Cardinal, Shoe tower, Sunshine, Rice heating pad

4-H Members are youth age 8-18 years old

Abigail Hammer – (QuaranTIME) – Flower pot with plant – blue; (Arts & Crafts) – Birthday Card – blue, OEF blue, MSF; Bracelet – red; Bracelet – blue; Educational display – blue, grand champion, OEF blue, MSF; Necklace – red; Shell necklace – blue, OEF blue, MSF

Elizabeth Weidmaier – (Foods – Baked Goods) – Angel food cake – blue, reserve grand champion, OEF blue, MSF; Garlic bread – blue, grand champion, OEF blue, MSF

Jakob Boyer – (Photography) – Overlook – red; Swan – blue, grand champion, OEF red, MSF; Tree – blue, OEF red, MSF; Fountain – blue; Leaf – blue, OEF red, MSF

John Marker – (Electricity) – Radio – blue, grand champion, OEF blue, reserve grand champion, MSF

Liberty Hammer – (QuaranTIME) – Flower pot with plant – blue, reserve grand champion; (Arts & Crafts) – Poster – red; Sugar scrub – blue, OEF red, MSF; Bracelet – blue, OEF red, MSF; Body butter – blue, reserve grand champion, OEF red, MSF

Matthew Boyer – (Rabbit) – Poster – blue, grand champion, OEF blue, MSF; (Photography) – Water Tower – blue, OEF blue, MSF; Water tower 2 – blue, reserve grand champion, OEF blue, MSF; Staircase – blue

McKenna Mackey – (Dog) – Poster – blue, reserve grand champion, OEF blue, reserve grand champion, MSF; Graffiti dog – blue, grand champion, OEF, blue, MSF; Painting – red; Paws – blue; Ribbon Display – blue; Dog canvas – blue; Great dane – red; Dachshund – blue; Suncatcher – blue; Dog & Me – red; Sign – blue;

(QuaranTIME) – Leaf print – blue, grand champion; Leaf print – red; Sunflower – red; Herb garden – blue;

QuaranTIME journal – blue; (Theatre) – Deco mask – red; Puppet theatre – blue, reserve grand champion; Journal – blue, grand champion; (Photography) – Horse – red; Hummingbird – blue, reserve grand champion; OEF blue, MSF; Cat – red

November/December 2020

HICKORY COUNTY

Agronomy - Terry Halleran



These past few months have been slow, basically because of the Covid-19 problems nationwide, so reporting may be a little slim at this point. However, some farm visits have taken place and many phone calls have been answered. The “Surviving the Drought” virtual classes went well with several in attendance via Zoom. This was a four-night series involving different specialist from around the region. Our Annual MU Extension Summit also took place November 27th through November 29th via Zoom as did the 2020 MU Crop Management Conference December 1st and 2nd. As winter approaches and most go inside, be aware of your surroundings and protect the ones you love by following as many safety practices as you can.

Nutrition/CES - Teresa Wise



On October 22, 2020, Richard Proffer, Extension Field Specialist in Community Development visited Hickory County to discuss major issues impacting economic growth for our area. Commissioner Mertz had arranged for one or two individuals from each of the 7 sectors in the community (Government/Elected Officials, Healthcare, Business – both large and small, Education, General Citizenry, Non Profit/Faith Based, and Youth/Minority) to join in this discussion. These individuals make up the leadership team. During our discussion we went over several issues impacting Hickory County, but broadband was agreeably the largest setback for the community. The leadership team chose to go forward with Strategic Doing, a program offered by University of Missouri, and focus efforts on bringing broadband access to Hickory County. The next meeting will be on January 23 at 9:00 am.

4-H - Velynda Cameron



4-H is up and running for the 2021 4-H year.

The Blooming Hickory 4-H Club met on Monday evening, November 23 for their monthly meeting. Everyone wore masks and social distanced. The educational component for the meeting was a webinar by the FBI Cybersecurity Task Force and shared ways to keep young people safe while on the internet and social media. While watching the webinar members participated in a community service project by making Christmas Cards that will be shared with individuals who are home bound due to age or illness.

KEY NUMBERS

Program	Number of Contacts
Presentations Offered	25
Presentations Participants	137
FNEP Nutrition Visits	N/A
FNEP Participants Taught	N/A
Social Media Posts	4
Telephone Inquiries	96
Walk-In Inquires	59
Hay & Soil Tests	37
Newspaper Articles	15

UPCOMING EVENTS

- December 13th – Hickory County 4-H Recognition Night
- January 12th – Barn Quilt Class in Meeting Room 9am – 3pm
- January 23rd – Broadband Initiative Meeting 9am
- February 15th – Barn Quilt Class in Meeting Room 9am – 3pm
- March 18th – Barn Quilt Class in Meeting Room 9am – 3pm
- For up-to-date information on programs offered via Zoom:
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