

UNIVERSITY OF MISSOURI EXTENSION

Carroll County

2018 ANNUAL REPORT



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

108 Whitten Hall
University of Missouri
Columbia, MO 65211

PHONE 573-882-2394

EMAIL email@missouri.edu

WEB extension.missouri.edu

Dear county commissioners and friends of MU Extension,

The past year has been extremely productive for University of Missouri Extension and Engagement. With the launch of our county engagement specialist model, which is the centerpiece of a long-overdue restructuring, we are better positioned to serve Missourians.

Most county engagement specialists are now in place and the formal training for this new position rolled out this fall. By January 2019, we expect our CESs to be well on their way to success. I see a great future for them and the communities they serve.

At the MU campus, we have been busy putting in place online resources that will benefit Missouri communities. In particular, the All Things Missouri web portal is an exciting tool that can help community leaders search for valuable data. I encourage you to check it out at <https://allthingsmissouri.org/>.

When 2018 began, we set out to meet with every county's administrative body. This effort provided valuable insight and helped strengthen relationships; and as a result, we will engage in a similar effort in 2019. Meeting stakeholders and deepening county relationships is something we truly enjoy.

As you read your county's annual MU Extension report, I am confident that you will be pleased with the results accomplished through county-based University of Missouri faculty. Our faculty take pride in their efforts to respond to local extension council input.

At the state level, we have committed to a goal of doubling the economic impact of MU Extension over the next decade. This goal of \$2 billion in public value is ambitious — but, by meeting this challenge, we will help a great many Missourians.

Your support of MU Extension and our efforts in your community are greatly appreciated. As always, I welcome your input on how the University of Missouri can better serve your community and its people.

Sincerely,

A handwritten signature in black ink that reads 'Marshall Stewart'.

Marshall Stewart



Carroll County
111 N. Mason Street
Carrollton, MO 64633
PHONE: 660-542-1792
Email: carrollco@missouri.edu

Dear Friends of the University of Missouri Extension,

The University of Missouri faculty, staff and Carroll County Council would like to thank the Carroll County Commissioners for their continued support and funding for programming in 2018. Faculty, staff and county council remain committed to carrying out the University of Missouri's land-grant mission lives, communities and economies by producing relevant, reliable and responsive educational strategies that enhance access to the resources and research of the University of Missouri.

MU Extension is a partnership of the University of Missouri campuses, Lincoln University, the People of Missouri through county extension councils, and the National Institute for Food and Agriculture of the U.S. Department of Agriculture.

This report is a brief overview of some of the educational programs conducted by extension Specialists for the citizens of Carroll County. This annual report is not intended to give the full scope of all the activities in the county; instead providing information regarding the major programming efforts for the citizens of Carroll County.

We would like to thank all of our volunteers who make extension in Carroll County a reality. Without their support, the Carroll County Extension Center would not operate at its highest level. We look forward to 2019, as we strategically address a wide range of needs that fall into three grand challenges for the state of Missouri and Carroll County: economic opportunity, educational excellence, and healthy futures.

Tim Reid, MD
Carroll County Council Chair

Kathi Mecham
County Program Director and Commercial Horticulture
Field Specialist

University Of Missouri, Lincoln University, U.S. Department of Agriculture and Local Extension Council Cooperating

EQUAL OPPORTUNITY/ADA INSTITUTIONS

Educational Excellence

4-H Clubs - Carroll 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 aerospace and arts to veterinary science and sport fishing. Clubs also involve children and teens in community service, camping and educational trips.

4-H Leadership – Youth in 4-H engage as leaders from an early age. It is not uncommon for youth to serve as club officers, county wide officers, or even leaders on the Regional and State level. In 2018, Katy Grant was elected to the Missouri State 4-H Council as a Regional Representative.

NEW 4-H S.P.I.N. Club – In 2018, Carroll County youth at the YMCA in Carrollton were part of the first ever Carroll County Special Interest 4-H Club. This club met after school with 20 4-H SPIN members who learned about Junk Drawer Robotics.

4-H Shooting Sports - 4-H youth engage in shooting sports to learn safe handling of firearms/archery equipment, responsibility, and teamwork – plus it is a great way to compete!

Embryology- Youth are learning about science and respect for life through direct experience with living things, their life cycles and their habitats. Pre-incubated eggs were delivered to 6 classrooms where they hatch about four days later. Eggs were also hatched at the Extension Office.

In 2018, Carroll County 4-H members participated in:

- Northwest Regional Energizer
- Northwest Regional Lock-In
- Youth Civic Leaders Summit
- Teen Conference
- State 4-H Congress
- Clover Kid Day Camp
- Heit's Point 4-H Camp
- Carroll County Fair
- Missouri State Fair
- State Shoot Sports Events
- State Public Speaking
- State Fashion Revue
- National 4-H Congress



Local youth come to the Extension Office to learn about Embryology



In 2018, Katy Grant, (front row, second from left), was elected to the MO State 4-H Council as a Regional Representative.



Carisa O'Dell, Youth Program Associate, along with the State 4-H Public Speaking winners from Carroll County, Kristin Waters and Michaela Miller.



Carroll County 4-H members attend Heit's Point 4-H Camp

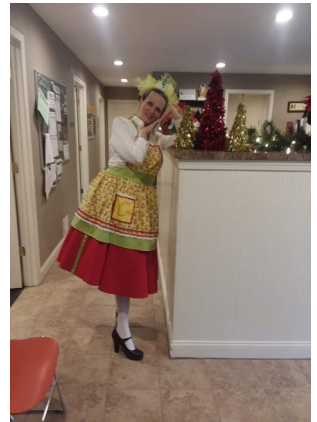
Healthy Futures

FNEP Programming

University of Missouri Extension's Family Nutrition Program (FNP) reached 253 participants directly and 111 indirectly with nutrition education in Carroll County during 2018 a significant percentage of which were low income.

Youth from Pre-school to 8th grade learned through kid-friendly, hands-on lessons and activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults also includes nutrition, food safety, and physical activity, as well as food resource management.

Chandra Carey, Nutrition Program Associate (NPA) goes into schools and other grant eligible locations and interact with community members to help them make healthier choices and build healthy habits. They see the difference the program makes in people's lives.



Chandra Carey, NPA, in character after teaching at one of our schools

Horticulture

Kathi Mecham, Horticulture Specialist and County Program Director for Carroll County, provides research based non-biased information and programs for both home and commercial horticulture. She participates in seasonal Integrated Pest Management calls and helps Carroll County by sharing research and information from across the state with home and commercial growers.

In 2018, Kathi provided programs in Carroll County at the Bosworth community garden, the Carrollton Garden Club, 4-H Clover Kids Day, the Norborne Lions Club and had workshops on Composting Container Vegetable Gardening.

Kathi interpreters soil test samples submitted by Carroll county residents and producers. She answers calls and makes home visits for garden, lawn, insect, disease, herbicide injury and tree concerns.

Kathi is a committee member for the Great Plains Growers conference held in St Joseph annually. The conference is a five state collaboration that brings quality programs and is attended by growers from across the nation.

She is a member of the Master Gardener Leadership Team and coordinator of a master gardener chapter in the region. She is a trainer for the Food and Safety Modernization Act and participates with other specialist in the Water Festivals held across the region.



Kathi Mecham, provided a program on Container Vegetable Gardening in Carrollton.

Economic Opportunity

Agronomy Specialist, Dhruba Dhakal offered agriculture programs in Carol County and across the region. Over **100** Carroll County adult learners benefited from private pesticide applicator training, drought management meeting and soil sample test result interpretation. These, along with on-site farm visits, forage nitrate testing, insect, disease, herbicide injury identification and diagnosis help Carroll County producers to increase net farm economic return.

Soil test analysis ensure proper soil and nutrient management to increase fertilizer efficiency and protect the environment. Nutrients applied at proper amount and time help to increase crop productivity, minimize environment degradation and maximize farm profit.

Forage nitrate tests determine the nitrate content of the forage. Adopted rotational grazing and legume inter-seeding increased carrying capacity of pastures, improve animal daily gain and net farm profit. Timely diagnosis of insect, disease and nutrient deficiency helped farmers to save their crops.

DROUGHT MANAGEMENT FOR LIVESTOCK PRODUCERS

28 producers learned about how to manage their farm operation during the 2018 drought in Northern Missouri. They also learned:

- (1) Alternate forages and emergency annuals that could be utilized
- (2) Alternative feeds and strategies for stretching the short hay supplies
- (3) The importance of testing corn for high nitrates before.

After attending the class ,according to **Jenna Monnig, Livestock Field Specialist**, farmers had a better idea of the importance of nitrate and feed testing. They knew alternative forages and feeds to make up for the lack of pasture and also knew where to go to get questions answered or services.

Weather issues such as drought and floods are a constant threat in Missouri for livestock producers. Producers that have resources and understand their alternatives get through tough times better. This helps them to be more profitable and stay in business.



Jenna Monnig, Livestock specialist ,along with Dhruba Dhakal, Agronomy Specialist, led a drought meeting in Carroll County on August 24, 2018.



As the county program director, **Kathi Mecham** works with other specialist to organize and offer educational programs in Carroll County.

She works with the council, office staff, commissioners and community to provide education to improve the quality of life for citizens in Carroll County.

She is on the Carroll County Soil & Water District board and a Carroll County Coalition member.



Lori Crawford, office manager, offers support to specialist, council, staff and the community to make Carroll County the best it can be. She assists in organizing programs, greets the public and provides information to the community.

Carroll County Highlights



Pictured in front row the Davis Family Jackson, holding plaque; from left Cawyer Beth, Wade, Drew and Luke Davis.

Also pictured behind the family are (left to right)

Marshall Stewart, Vice Chancellor for MU Extension and Engagement; **Blake Hurst**, President of Missouri Farm Bureau; State Fair Commissioner, **Nikki Whitehead**, State Fair Commissioner **Samantha Nelson**; State Fair Commissioner **Ted Sheppard**; **Christopher Daubert**, Dean of MU College of Agriculture, Food and Natural Resource and **Christine Chin**, Director of Missouri Dept. of Agriculture.

2018 Carroll County State Fair Farm

2018 Tweedie Agri-Business Forum

Over 50 Carroll County residents attended the annual event to recognize Tommy and Garnet Tweedie for their support of Carroll County Extension. Attendees included faculty and staff, council members, elected official Peggy McGaugh State Representative and Associate Judge Joe Don McGaugh. Retired Carroll County Specialist, Jim Heitmeyer and Paul Taylor were recognized as well as, four 4-H Hall of Famers : Belinda Flick, Bernice White, Alta O’Neal and Jan Leakey. The speaker for the evening was William Johnson. He is one of the owners of TARA Industries near Tina.



Tweedie guest speaker, Will Johnson



Bethany Miller, Carroll County 4-H Alumni, receiving Missouri 4-H Foundation Scholarship from Joyce Taylor



2018 Leaders Honor Roll recipients Mindy & Ryan Minnick



2018 Missouri Century Farm Mark and Jan Brown and sons farm established 1855 was recognized into the Century Farm program. The farm is in Hill township and was acquired by Marks’s Great Great Grandfather, John Stagnew.

Financial Report

**Carroll County Extension Center
2019 Budget
January through December 2019**

Income	
0150-Program Fees	200.00
0200 - Governmental Appropriations	
0210 - County Appropriations	21,000.00
0220 - City Appropriations	<u>5,000.00</u>
Total 0200 - Governmental Appropriations	26,000.00
0300 Investment Income	
0310 - Endowment Income	<u>37,000.00</u>
Total 0300 Investment Income	37,000.00
0400-Donations	750.00
0900 - Resales/Educ Services Fees	1,000.00
1300- Miscellaneous Income	<u>50.00</u>
Total 1300- Miscellaneous Income	1,800.00
1600-Funds Reallocation	<u>12,500.00</u>
Total Income	77,500.00
Gross Profit	77,500.00
Expense	
2700 Personnel Salary-Salaries & Wages	38,000.00
2900-Non Payroll Salaries	18,000.00
3100-Travel	
3110-Mileage	1,500.00
Total 3100 Travel	1,500.00
3600-Postage & Shipping	200.00
3700-Telephone Services	2,200.00
3900-Advertising & Marketing	250.00
3910-Extension Promotion Activities	2,000.00
4300-Rent/Lease Space	8,400.00
4400-Rent/Lease Equipment	2,200.00
5100-Supplies/Services	1,500.00
6400-Other Contract Services	
6402-Subscriptions	500.00
6800-Insurance	500.00
Total 6400-Other Contract Services	
7010-Extension Council Election Expenses	150.00
7100-Soil Test Expenses	300.00
7200-Publications Resale	300.00
7700-Furniture	<u>1,500.00</u>
Total Expense	77,500.00
Total Income	77,500.00
Total Expense	77,500.00
Net Income	0

Faculty and Staff Serving Carroll County

2018 County Extension Council

Kathi Mecham– County Program Director and Commercial Horticulture Field Specialist (660) 542-1792

Carisa O'Dell-Youth Program Associate(660) 542-1792

Chandra Carey-Nutrition Program Associate (660) 542-1792

Lori Crawford-County Support Staff (660) 542-1792

Jim Crawford– Field Specialist in Agricultural Engineering (660) 744-6231

Penny Crawford-Regional Coordinator Food and Nutrition Education Program (FNP) (816) 632-7009

Carmen DeHart– Business Development (816) 235-6428

Dhruba Dhakal– Field Specialist in Agronomy(660) 288-3239

Connie Griffith– FNP Program Manager (816) 632-7009

Jill Hathaway-Business Development (816) 519-4858

Joe Lear– Regional Director, NW Region

Jenna Monnig– Field Specialist in Livestock (660) 748-3315

Jessica Trussell-Field Specialist in Human Development (660) 646-0811

Tim Reid, Chair
Susan Lightfoot, Vice Chair
Barbara Lyon, Secretary
 Farm Bureau
Paula Sprouse, Treasurer
 MFA
Bill Boelsen,
 Commissioner
Robert Bryant
Sarah Jane Famuliner
Donna Forrest
Renee Grant
Clint Mathis-City/Town
Allen McDowell
Ruth Owen
Mary Jane Phillips
Thomas White III