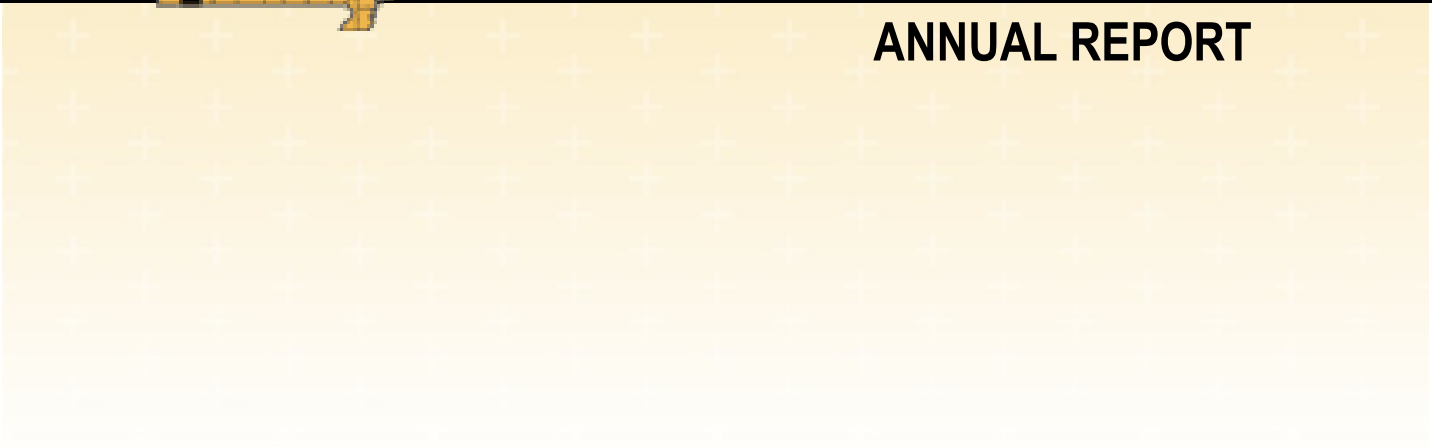


UNIVERSITY OF MISSOURI EXTENSION

# Barry County

**ANNUAL REPORT**





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## **Your Local Barry County Faculty & Staff**

Shon Bishop	SMALL FARM SPECIALIST, LINCOLN UNIVERSITY
Reagan Bluel	FIELD SPECIALIST IN DAIRY COUNTY PROGRAM DIRECTOR
Molly Durossette	ADMINISTRATIVE ASSISTANT Barry Co Extension Council
Jacquie Howell	FAMILY NUTRITION EDUCATION ASSISTANT
Brittni Ritchie	MU 4-H YOUTH ASSISTANT Barry Co Extension Council

### **Regional Faculty serving Barry County**

Jay Chism	SOUTHWEST MO — EXTENSION REGIONAL DIRECTOR
Jeff Barber	FIELD SPECIALIST IN HOUSING EDUCATION
Robert Balek	FIELD SPECIALIST IN HORTICULTURE
David Burton	COUNTY ENGAGEMENT SPECIALIST IN COMMUNITY ECONOMIC DVMT
Mike Coffey	COUNTY ENGAGEMENT SPECIALIST IN 4-H YOUTH
Eldon Cole	FIELD SPECIALIST IN LIVESTOCK
Pamela Duitsman	COUNTY ENGAGEMENT SPECIALIST IN COMMUNITY ECONOMIC DVMT
Jennifer Lutes	COUNTY ENGAGEMENT SPECIALIST IN AGRICULTURE AND ENVIRONMENT
Amy Patillo	FIELD SPECIALIST IN LABOR AND WORKFORCE DEVELOPMENT
Tim Schnakenberg	FIELD SPECIALIST IN AGRONOMY
Lindsey Stevenson	COUNTY ENGAGEMENT SPECIALIST IN NUTRITION AND HEALTH EDUCATION

## **Barry County Extension Council**

Johnny Bishop	Tracy Hudson
Derek Couch	MaLinda King
Jake Davison	Marcia Moreland
Cody Epperly	Dr. Liz Reed
Adam Gautney	Bart Renkoski
Suzan Harris	Vickie Senters
Jerry Henry	Barry Stuart
Tressame Holtzman	Scott Swope
Jason Hudson	Terell Varner
David Hudson	

### **2018 University of Missouri Extension**

<b>Revenue</b>	Co Appropriation	\$32,618.45
<b>Expenses</b>	Secretary & p/t wage	\$ 22,568.40
	Payroll taxes	\$ 1,726.47
	4H program	\$ 5,161.10
	Travel	\$ 2,535.29
	Advertising	\$ 255.80
	Supplies/Services	\$ 199.35
	Surety bond	\$ 172.04
	Total Expense	\$ 32,618.45
<b>Closing Balance</b>		<b>\$0.00</b>

## Extension's Program Guidance Comes From **You!!**

The University of Missouri Extension council and staff would like to thank the Barry County commissioners for their support and funding for programs during this past year. In turn, the council and staff remain committed to improve people's lives by helping them meet the opportunities and challenges of the 21st century with research-based education and information.

County residents DETERMINE the direction of extension's educational programming. Current emphasis areas in Barry County focus on agricultural profitability and sustainability, building family strengths, youth development and water quality.

We are: *Your* University **For** Missouri

The mission of University of Missouri Extension, a partnership of the University of Missouri campuses, Lincoln University, the people of Missouri through county extension councils and the Cooperative State Research, Education and Extension Service of the U.S. Department of Agriculture, is to: "serve Missouri by extending the unbiased, research-based knowledge and problem-solving resources of the University of Missouri & Lincoln University to focus on high-priority needs of people throughout the state." The University of Missouri and Lincoln are Missouri's two land-grant universities, charged by federal acts of Congress to deliver extension programs.

Current programming efforts statewide focus on agricultural profitability and viability, building family and individual strengths, building human resources, business, community and economic development, enhancing health and nutrition, environmental quality and stewardship and youth development.

The contents of this report are a summary of the highlights of our educational efforts during the past year. We hope this report provides a greater understanding about University of Missouri Extension programming efforts in Barry County.

Submitted by,

*Marcia Moreland*

MU Extension Council  
of Barry Co., Secretary

*Cody Epperly*

MU Extension Council  
of Barry Co., Chair

*Reagan Bluel*

MU Extension—Barry Co.  
Program Director



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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

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

EQUAL OPPORTUNITY/ADA INSTITUTIONS

# Agriculture and Environmental Quality

The University of Missouri—Extension Southwest Region faculty is equipped with **years of *experiential knowledge***. Our diverse knowledge base provides a rich learning opportunity for all local citizens.

Local Regional Faculty Specialists are equipped to answer questions on a variety of topics such as:

Agronomy

Agriculture Business

Agriculture Engineering

Animal Sciences

Crop Scouting

Dairy Sciences

Horticulture

Integrated Pest Mgmt

Nutrient Management

Plant Sciences

Soil Fertility

Soil Health



Extension  
*University of Missouri*

# Agriculture and Environmental Quality

## Drought meetings

In response to the 2018 drought this summer Lawrence & Greene County Extension Councils offered meetings in August at the Southwest Research Center and Springfield livestock market for livestock producers who are preparing to feed cattle through the winter with little forage and hay on hand. Discussions included tips for *surviving* the 2017 fall and 2018 drought.

Attendance was great. Both local and state specialists teamed up for these meetings. Between the two, around 250 persons attended with a number from Barry county.

In addition to the live audience, regional media specialist, David Burton taped the program and put in on Facebook and the number of hits during the first 30 days was nearly two thousand.



A packed house of 101 farmers and ranchers filled the Southwest Center for the Drought Survival Meeting in August. Numerous Barry County producers attended.

### Impact

250 Southwest Livestock producers attended to learn ideas to **SURVIVE** the drought.

## Nitrate testing

Due to the drought many corn growers decided to make salvage the stressed corn by creating silage bales utilizing the tips provided by the University of Missouri - Extension State agronomist.

### Impact

Over 60 samples have been analyzed in Barry County's MU Extension office at **NO COST** to qualitatively determine the presence of toxic nitrate in drought stressed forages

Pictured Left—Black/Blue discoloration indicates the drought stressed corn stalk may be toxic for feeding



**Waste Not,  
Want Not**



# Agriculture and Environmental Quality

## Livestock Report —Eldon Cole

Beef cattle producers had their share of struggles in 2018. The weather can take it's share of blame with a late spring followed by hot and dry conditions in May, June and July. August saw an unusual amount of rain which made it seem more like spring than a summer month.

## Missouri Steer Feedout

Weaver Forest, Verona is a longtime participant in the Missouri Steer Feedout. This Extension effort gives producers a chance to send a sample of their steers to an Iowa feedlot where they're fed to slaughter weight. The steers are followed through a Tyson's Plant in Nebraska where complete carcass data is obtained to determine their quality and yield grade. A profit/loss value is also collected.

Not only are the steers evaluated at the end, but a panel of market reps and order buyers evaluate the steers for marketability as feeder calves. This part of the program is held at Joplin Regional. You can view the power point we have posted at: <http://extension.missouri.edu/lawrence>

Weaver has regularly sent a sample of his steers to the program since 1997.

## Show-Me-Select Program

The popular Show-Me-Select Beef Heifer Development Program had four herds involved, they were: Cupps Farms, Shell Knob, Robert Miller, Aurora, Marvin Phipps and Eugene Dilbeck, both of Cassville. Several other farmers have adopted the same protocol for heifers they plan to save for replacements and not sell them through the SMS sales held each May and November.

Buyers at the sales held at Joplin Regional Stockyards give the SMS program high marks as evidenced by their repeat support at the sales. In 2018 buyers were: Jim Barchak and Kenneth Turner, Pierce City, Charlie Brown, Shell Knob, Kevin Burnside, Dan Shelton and Paul Fenske, Monett, Steve Burns, Purdy and Mark Hudson, Jenkins.





# Agriculture and Environmental Quality

## Performance tested Bull Sale

Barry county cow-calf raisers have always been big supporters of the all-breed performance tested bull sale held at Springfield in March and October. Eight bulls were bought by Marvin Phipps, Calving Holman and Eugene Dillbeck, Cassville, Ryan Rakoski, Monett, James Taylor, Purdy, Wendell Bishop, Seligman, Blankenship Farms, Aurora and Charles Whisman, Shell Knob.

## Bull Breeding Soundness Clinic

In order to keep good bulls in shape we recommend a bull breeding soundness exam (BSE) before turnout time. Barry countians brought a total of 66 bulls to the four, one day clinics at Barry County Veterinary Clinic, Cassville and Countryside Animal Clinic, Aurora. These producers participated James Taylor, Purdy, Glen Erwin, Robert Paul and Drew Nichols, Washburn, Pat Blankenship, Aurora, Larry Morrison, Ralph Schmidt, Monett, Judy Cox, Jenkins, David Sperandio, Forest Family Farms and C.W. Bolton all of Verona.

Pictured Below—Dr. Brown, Barry Co. Vet, conducting semen analysis



## Additional Resources for Livestock

Educational opportunities via other methods include: a monthly Beef Newsletter; timely news releases; weekly radio report on KKOW; periodic TV interviews; regular articles in the Joplin Yards monthly magazine; monthly Southwest Missouri Cattlemen's Association meetings held from September through May; the latter organization usually teams with Extension for a farm tour each fall. The 2018 tour was held in Lawrence county in the Aurora-Marionville area. There were several Barry countians in attendance. Individual questions and requests are handled via phone, email or farm visits.

## Grazing School



Barry County farm producers participated in the grazing school in Mt. Vernon. Mark Green, with NRCS, discusses fencing options.

MU Extension, Soil and Water Conservation Districts and the Natural Resources Conservation Service collaborated since 1990 to offer grazing schools around the state. In May, there was a school hosted at the Southwest Center in Mt. Vernon. Barry county farm producers participated. The three-day school allowed farmers to think differently about how they manage their pastures and have become a very effective tool.

**IMPACT:** Forty-one livestock producers learned about efficient grazing practices

# Agriculture and Environmental Quality

## Fence Law Program

### Impact

This program can potentially save Missouri landowners \$39,900 in legal fees\*

This program provides the needed resources to Missouri livestock producers, enabling them to be more profitable as a result of lowered costs of their own fence in addition to less legal time and litigation fees. (\*assuming attorney fees average \$150/hour)

28 participants learned about the 2 different fence laws in place Southwest Missouri in Cassville on March 5th, 2018. Knowing and following the fence law helps decrease conflicts between landowners.

They also learned:

- Fence related law requirements of the landowner
- Which portion of a boundary fence each landowner must maintain
- Where they can find fence law resources and assistance in Barry and surrounding counties

## Pesticide Safety Training

Consumers demand pest free food, however, society continues to want more control of pesticides. People are made more aware of pesticide uses and possible problems as the result of increased news media coverage in a number of areas including chemicals and water quality. One national poll of farmers conducted by the Gallup Organization shows water quality is considered the top farm environmental problem nationally and “safer” pesticide applications are seen as part of solving the problem.



Extension partners with the Department of Agriculture to educate those who plan to apply pesticides privately. Area agronomist, Tim Schnakenberg, conducts two sessions before the growing season. The first, midday, is held in the at County Courthouse and the second is held in the evening in partnership with in the Cassville High

School Ag dpmt. The Cassville FFA group prepares a light meal for producers prior to the training. **Retraining is required every 5 years** for pesticide purchase and use.

## Spring Forage Conference

Over 400 farmers and ranchers, including many from Barry County, attended the 34<sup>th</sup> Annual Southwest Missouri Spring Forage Conference held in Springfield. Concurrent sessions were held throughout the day on a variety of topics of interest to most grass producers and it was accompanied by a large trade show where attendees could visit with vendors. This event is a partnership between University of Missouri Extension, Natural Resources Conservation Service, Soil and Water Conservation Districts, Missouri Department of Conservation and Missouri State University.

### IMPACT

57 Pesticide applicators Trained & Certified  
11 Additional trained in the county office  
**68 TOTAL licenses issued by  
Barry County in 2018**

# Agriculture and Environmental Quality

## Soils Tests

Farmers and homeowners continue to need information for their fertilizer and lime purchasing decisions. These are based on unbiased fertility testing and research provided by University of Missouri Extension. Tim Schnakenberg, agronomy specialist signed each report and made additional remarks on them as needed.

**IMPACT:** 334 soil tests were submitted in 2018 through the Barry County Extension



## Soils and Crops Conference

In January, the 89<sup>th</sup> annual Barry County Soils and Crops Conference was held in Cassville with about 66 farmers in attendance.

Dr. Eric Bailey, MU state extension beef nutritionist, discussed mineral supplementation for the beef cow. Ben Fizette, MFA field crops sales manager, discussed the issue of soybeans and dicamba.

Jennifer Lutes, ag business specialist from Pineville, discussed farmer preparation for income taxes, and a panel of stakeholders in the beef industry discussed ideas for getting local beef into area schools.



**IMPACT:** Sixty-six participants Learned about Mineral supplementation, income taxes and supplying "MOBEEF," local foods movement



**Your University FOR Missouri**  
has the Agriculture resources  
to keep your farm competitive

# Agriculture and Environmental Quality

## Dairy Field Days



Pictured Above: Fellwock Dairy, of Friestatt, hosted Missouri Dairy Industry Alliance's Fall field day on November 1<sup>st</sup>. Local dairyman had the opportunity to tour the recently completed parallel parlor, holding pen and feed floor all equipped with state of the art ventilation technology. Additionally speakers covered evaluation of lameness, science of harvesting quality milk and feeding drought stressed forages.

## Milk Quality Workshops

Three Milk Quality seminars were held in cooperation with Dairy farmers of America Co-op in southern Missouri during the fall of 2018. The sites of these workshops were Mountain Grove, Bolivar, and Mount Vernon.

**IMPACT:** 82 dairy farm operators attended to learn about this timely topic

These workshops were developed in response to the need for producers to improve milk quality through lower somatic cell counts. The workshop program addressed the benefits of lowering somatic

cell count, and how somatic cell count affects reproduction, longevity, and overall cow health. They also dealt with keeping records to address somatic cell count problems, how to collect milk samples for culturing, how to use milk culture results, and different types of mastitis causing pathogens. Extension Dairy Specialists Reagan Bluel and Ted Probert



Left: Dairy Specialist, Reagan Bluel enjoys promoting dairy for June 1<sup>st</sup> National Dairy Day in a pasture of Jersey Heifers

Field days in the Southwest region allows for dairymen to learn, hands-on from other dairy producers. In 2018 two field days were offered in partnership with Missouri Dairy Association & Missouri Dairy Industry Alliance.

**IMPACT:** Over 150 dairy producers and Allied Industry attended educational Field days in 2018

Pictured Below: The 2018 Pack Barn Field Day was held on Friday, June 8 at Gunter Farms near Conway. Pack construction was completed during the fall of 2017. Pack barn design and management, manure handling, feeding and nutritional concerns were all highlights of the day. The Gunters summarized benefits realized by incorporating housing into their operation such as: improved cow comfort, increased feed intake, improved reproduction, improved foot health, increased milk production, and ultimately increased profitability. MU Extension Veterinarian Scott Pook & Dairy Specialist Ted Probert assisted in delivering the day's program.



## 4H Dairy Cow Camp

Thirty-six Missouri 4-H dairy project members gathered at Freistatt, Missouri in May for Dairy Cow Camp. The 4-Hers received hands-on instruction in grooming, showing, and caring for dairy heifers. They took part in workshops focusing on a variety of dairy topics and competed in showmanship. This camp draws attention to the importance of farming and its important role in Missouri's economy. It provides youth a "hands-on" opportunity to care for dairy animals and learn about many aspects of dairy production while learning life-skills at the same time.

# Agriculture and Environmental Quality



## Grassbased Milk: CLA Research

Many Missouri Dairyman, especially in SWMO, have found the financial benefits to grass based dairy farming. It is believed that in addition to financial benefit, there could be an increase in **conjugated linoleic acids (CLA)** concentration in the milk from grazed cows.

**IMPACT:** Fill consumer demands while improving profits for local dairymen

In 2018, Your University of Missouri Dairy Team conducted a proof of concept research project to better understand the concentrations of CLA in grass based milk – in hopes of generating a **niche market** to fill consumer demands for elevated CLAs in their diet.

## Women in Dairy

2018 marked Year 3 for The University of Missouri — Extension Women in Dairy

Ladies continued to meet on the **2<sup>nd</sup> Wednesday of every month.**

We toured the DFA Innovation Center, learned about dietary ways to reducing inflammation – and make dinner easier, became “Dairy Detectives” as they navigated their herd records in PCDART, gained an understanding of financial benchmarks of success and finally hosted a June Dairy month at Ruby’s market in Springfield MO.

**126 Women in Dairy attended our meetings**



## Seminars

**Missouri Dairy Profit Seminar**, held at 5 locations across the state focused on technologies and practices for improving management of area dairy operations. This year’s meeting featured Jeffrey Bewley, who spoke on the topic “Precision Dairy Opportunities and Challenges”, and “Compost Bedded Pack Barn Design and Management”. Other topics addressed at the seminar included Supporting Calf Immune Response, Managing Environmental & Contagious Mastitis  
**Monett Dairy Day**, Forty-two attended the 49<sup>th</sup> annual Monett Dairy day at the Monett Armory to learn about timely topics. In 2018 the top of mind was Profitable management including topics such as: The cost analysis of feeding raw milk to calves during the spring flush, How to contract milk and feed for more consistent budgeting, How to make the most of your DHIA records, Dry cow rations, Biggest bang for your buck.

**IMPACT:** Application of information presented assists area producers in improving herd management & ultimately profit.

# Barry Co. Master Gardeners

## Gardening Workshops

Annually, our Barry Co. Master Gardener volunteers prepare two community workshops for the community annually. Pictured right: More than 40 people enjoyed the fall workshop hosted by Barry County Master Gardeners on Sept. 8, 2018



Gardeners and named the group in her memorials request. With the family's input, the decision was made to place a bench along the Greenway Trail and the city officials worked with the Master Gardeners to select a site, set the bench and prepare the dirt for planting. A tribute to Barbara, written by her good friend and fellow master gardener, Nancy Grace Kirkpatrick, was shared. We all agree that Barbara would be very pleased to have people stopping to catch their breath, or sitting just to relax, and enjoying the surroundings from the bench.

## Master Gardening Mission

**“To train volunteers to educate others about safe, effective and sustainable garden practices that build healthy gardens, landscapes and communities.”**

The program exists in all 50 states and was established as part of the University of Missouri Extension in 1983. Tens of thousands of hours are recorded by volunteers each year across the state as they work toward fulfilling the mission.

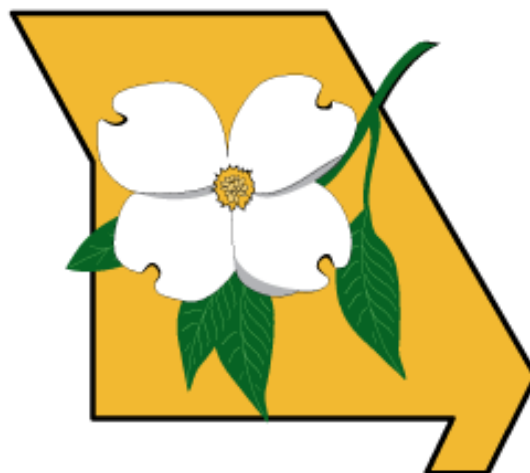
**IMPACT:** Barry Co. Master Gardeners partner with Roaring river's Naturalists to maintain an educational native plant garden as one of their special projects.

**IMPACT:** Community members learn best practices from reputable sources for their home gardens



## Barbara Cowan Bench Dedication

On Sept. 8 the family and friends of Barbara Cowan gathered at Cassville City Park to dedicate a bench in memory of Barbara Cowan. Barbara, who passed away on Mar. 8, 2018, was a charter member of the Barry County Master



Our **Barry County Master Gardeners** group has been in existence for **four years**. The county's specific projects include maintaining:

- Cassville Library's beds
- Educational Native beds in Roaring River State park

# Lincoln University

Throughout the 2018 fiscal year (Lincoln Universities Oct. 1 - Sept. 30) more than 12 workshops lasting between 0.5 and 7 hours were held across the southwest region of Missouri. Workshop topics included:

- Jesup Wagon 2.0 Training
- Food Safety Training
- Ergonomic hand tool Training
- Twilight Horticulture Tours
- High Tunnel Construction
- High Tunnel Production
- AgroForestry and TSI training
- Rotational Grazing
- SARE Grant Writing Workshop



## Nahshon Bishop

Small Farm Specialist- Southwest Region  
Lincoln University Cooperative Extension  
Innovative Small Farmers Outreach Program

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## Jesup Wagon 2.0



The Webb City Farmers Market, University of Missouri and Lincoln University Cooperative Extension in partnership with the Missouri department of Agriculture have put together an educational trailer that highlights new, efficient and ergonomic tools available to farmers in the United States. This type of educational outreach is a continuation of Dr. George Washington Carver's Original Jesup Wagon while he was working at Tuskegee University in Tuskegee, Alabama. Dr. Carver, with his wagon teaching methodology is considered to be the modern father of cooperative extension. With the Jesup wagon 2.0, a series of 'kits' have been put together and are stored in the trailer which include: irrigation, ergonomic hand tools and PPE, two-wheel tractors, a drone, High Tunnel Construction kits, soil and soil measuring devices as well as season extension kits.

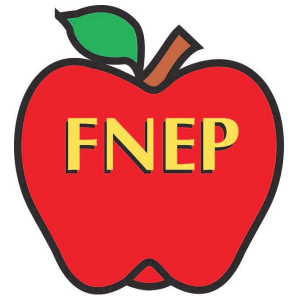
## Educational Booths

Throughout the 2018 growing season, Lincoln University held a number of educational outreach booths at Conferences throughout the U.S. These Educational Booths help us stay in-touch with on-farm issues happening across the Midwest and identify new/beginning farmers who may need assistance and provide visibility for extension programs to the public at large. Among areas of focus for these booths, the Missouri AgrAbility ram, which offers assistance to disabled farmers, continues to be a one of the most popular topics.

# Food and Nutrition Education Program

## Food Nutrition Education Program—Public Value Statement 2018

The Family Nutrition Program (FNP) brought \$9,449,699.00 federal funds to the state of Missouri. These funds were used to provide nutrition education to 735,541 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 2,932,390 educational contacts. This year we had 2,242,249 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs, food pantries and the Show Me Nutrition help line. 4,263 of these participants reside in Barry County.



Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase healthier food choices. Those who practice more likely to enjoy a high quality of life as force is critical to attracting and keeping jobs programming effort serves to reduce healthcare taxpayers money in reduced public healthcare benefits and insurance premiums.

**IMPACT:**  
1,793 Youth  
2470 Adults  
Of Barry Co. were served

their physical activity and in general make healthy eating and activity behaviors are an adult and into old age. A healthy labor in Missouri. In addition, this important pro-costs over the participant's lifetime, saving

During 2018, 1,793 youth and 2,470 adults were served through schools, community groups and agencies. The following is a list of the locations where participants were served in Barry County:

<b>Schools</b>	<b>Agencies</b>
Monett 1 & 2 Head Start (OACAC)	Crosslines
Cassville Head Start 1 & 2 (OACAC)	Cassville United Methodist
Monett Elementary, Middle & High Schools	Monett WIC Clinic
Purdy Elementary, Middle & High Schools	First United Methodist Church (Monett)
Wheaton Elementary	Monett Senior Center (SWMOA)
Southwest Elementary	ARC – Summer Hill
Eunice Thomas Elementary	Monett YMCA
Monett Central Park Intermediate	Monett Area Farmer's Market
	Barry Co. OACAC-Cassville
	Barry Co. Health Department
	Cassville Senior Center
	Monett Community Garden
	Shell Knob Senior Center



# Food and Nutrition Education Program



Jacquie Howell– Nutrition Program Associate

In addition to the numbers, Nutrition Program Associate, Jacquie Howell, shared these success stories demonstrating local impact:

I started teaching at **Wheaton School** again this fall and a 4th grade student asked if I remembered making Food Group Funny Faces at summer school. I said yes and she told me she makes them all the time now for an after school snack. She also makes them for her younger brother. She changes the vegetables around and uses different ones each time and sometimes uses fruit instead of a vegetable but always uses one or the other. She said she knows it is a healthy snack and wants her brother to eat healthy.

I started my monthly adult class for the **Healthy Coalition in Monett**. I have done these classes for a few years and stopped during the summer. I started again this fall in August and many of the same people returned from the previous years. One person came to class and told me she had never been before but had heard so many good things about the class that she wanted to be involved. She told me her family would never try new things or eat any type of vegetables. We were making Cowboy Caviar that night so she said she would try it with her family. She came back the next month and **said her family loved it**. They were eating it on different dishes to add vegetables to their meals. She was adding different seasonings and different vegetables sometimes and they continued to eat it. She was so grateful for that one recipe. She can't wait for each class now. Healthy Coalition cooking class occurs once a month for adults in Barry county. It is held in the Monett Intermediate school.

In summary, it has been a **successful year in Barry County for Food Nutrition Program**. We look forward in 2019 to more programming opportunities and continued progress in helping to improve the lives of Missouri families.

# 4H in Barry County

2018

A community of 19 youth building life skills, contributing to their community and becoming college and career ready.

## 4-H clubs

19 participants in 3 4-H clubs

4-H members are supported by 14 youth and adult volunteers

Time valued at \$33,796

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.

### **IMPACT:**

2018's 4H Volunteers produced a value of \$33,796 in the community

Valuing their time at \$24.14 per hour (Independent Sector, 2017), the contribution of Barry 4-H volunteers was worth more than \$33,796 in 2018. More importantly, these individuals serve as role models and mentors for youth.



Brittni Ritchie– Barry Co's Youth Program Assistant

- 9 Members participated in Barry County Achievement Day
- 12 Project Records were completed by members
- 2 Clubs Received the Youth Service to Community Award
- 6 Members participated in 4-H Camp
- 1 Member attended State 4-H Congress
- 54 4-H Exhibits were present at the Purdy Festival



**4-H can not exist with out volunteers**  
**Thank you for dedicated time and efforts**



# 4H in Barry County

## Barry County Council Picnic

Barry County 4-H members practiced their public speaking skills as they presented their project reports from the previous show season.



Screaching Eagles field trip to Edgewood Creamery in Purdy, Mo (Pictured Left) & Wheaton Robotics Club (Pictured Below)



## 4H Scholarship Banquet



Scholarship Banquet and Auction. Held at the Family Life Center in Cassville, MO



# 2018 Highlights

## Missouri State Fair Farm Family

Dr. Elizabeth & Jeff Reed pictured with daughter Nellie Jo Reed



Each year, the fair sets aside a day to recognize farm families from across the state who are active in their communities, involved in agriculture and participate in local outreach and extension programs such as 4-H or FFA.

Also in the pictured behind the family are: (left to right) MO. State Fair Commissioners: Kevin Roberts, Sherry Jones and Jack Magruder; Blake Naughton, Assoc. Vice Chancellor for MU Extension & Engagement; Rob Kallenbach, Asst. Dean- MU College of Agriculture, Food and Natural Resources; Todd Hays, MO Farm Bureau Board of Director's Vice President; Mark Wolfe, MO. State Fair Director; and Garrett Hawkins, Deputy Director Mo. Dept. of Agriculture.

## Century Farms



## 2018 Missouri Century Farm Family

Jared and Mendi Wormington

& daughters were honored at the 2018 Barry Co. Extension Annual Picnic

The Missouri Century Farm program recognizes farms that have stayed in the same family for more than 100 years.



# Extension

*University of Missouri*

# 2018 Highlights

## New Council Members



## Retiring Council Members



# 2018 Highlights

## Congressman Long's Tour of Ag



### Hosts of Congressman Long's Tour included:

- Edgewood Creamery, Purdy (above)
- Norm's Farms of Purdy (right)
- Little Flat Creek Ranch of McDowell (below)



# 2018 Highlights

## Southwest Center Field Day



This year's field day was a special one for the Southwest Research Center.

We broke ground on a new facility

Annually SWC's field day the Center hosts nearly 2,000 area high school students and local producers. There are a number of different presentations offered including the Ruminant Nutrition lab. The event took place on Thursday, Sept. 13.

Participants in the Ruminant nutrition lab included Leaders of Your University of Missouri.

Pictured above: **MU Chancellor Alexander N. Cartwright**

Pictured Right: **Dean of College of Agriculture Food and Natural Resources, Christopher Daubert**



## FY 2018 Summary: Continuing Education Noncredit Activities

Continuing education unit	Number of activities	Attendance total	Individual hours of instruction	Student FTE
Continuing Medical Education	1,726	25,731	2,332	216.0
Fire & Rescue Training Institute	643	13,494	11,500	580.0
Labor Education	1	1	0	0.0
Law Enforcement Training Institute	100	2,145	1,943	130.0
Missouri Training Institute (MTI)	180	3,768	806	63.0
MU Nursing Outreach	68	4,345	281	41.3
Osher Lifelong Learning Institute	124	2,976	878	70.3
Veterinary Med Ext & Continuing Education	1	4	4	0.1
<b>MU Conference Office</b>				
Agriculture, Food and Natural Resources	18	5,820		
Arts and Science	1	43		
Business	2	95		
Engineering	1	424		
Human Environmental Sciences	3	243		
Journalism	3	1,235		
MU Administration	5	2,065		
MU Extension	9	1,880		
Veterinary Medicine	1	84		
Conference Office Hosted	21	8,228		
<b>Conference Office Totals</b>	<b>64</b>	<b>20,117</b>	<b>1,079</b>	<b>1,207.0</b>
<b>TOTALS</b>	<b>2,907</b>	<b>72,581</b>	<b>18,823</b>	<b>2,307.7</b>

This table includes noncredit activities reported through MU continuing education units and does not include contacts by cooperative extension specialists.

## Educational Contacts — FY 2018

Impact area	Direct contact total	Indirect contact total	Total contacts
Agriculture and Environment	33,450	102,895	136,345
Youth and Family (HES)	677,464	350,822	1,028,286
Business Development	29,210	206,632	235,842
Community Development	21,486	7,096	28,582
4-H	137,411	178,928	316,339
Conferences & Institutes (MTI)	141	157	298
<b>TOTALS</b>	<b>899,162</b>	<b>846,530</b>	<b>1,745,692</b>

Direct contacts refer to participants who engaged in programs, courses or activities individually or with a group. Indirect contacts include people reached at public events and through printed and online materials or content.



## MU Extension Continuing Education

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### **Veterinary Medical Extension and Continuing Education (VMECE)**

Veterinary Medical Extension and Continuing Education (VMECE) focuses on issues that impact Missouri veterinarians and livestock owners, such as disease risks, rising input costs and increasing regulations. VMECE provides up-to-date information and consultation to better prepare them to address these challenges. VMECE also provides continuing education for veterinarians renewing their veterinary licenses. Team members also present information about production-related topics and animal disease at meetings across the state. <https://extension2.missouri.edu/programs/continuing-veterinary-education>

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### **Fire and Rescue Training Institute**

MU Extension's Fire and Rescue Training Institute (MU FRTI) provides comprehensive continuing professional education and training to Missouri's fire service and emergency response personnel. The institute has a direct impact on the well-being and protection of Missouri's 29,000 firefighters and the 6 million citizens they serve. Courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation, as well as fires. In FY 2018, MU FRTI provided more than 11,000 hours of instruction to 13,494 fire and emergency responders. <https://www.mufrti.org>

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### **Law Enforcement Training Institute (LETI)**

LETI brings certified, professional training to law enforcement officers and continuing professional education to other criminal justice and public safety professionals. For more than 60 years, the institute has been the state's leader in providing vital training and education services to Missouri's 17,000 in-service personnel and police recruits annually. Working with national, state and local agencies from 31 states, LETI also provides basic and advanced animal cruelty investigations training. LETI presents to civic organizations, churches and businesses throughout the state on a variety of topics, including personal safety and armed intruder response. <http://leti.missouri.edu>

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### **Missouri Training Institute**

The Missouri Training Institute provides continuing education, custom-designed training programs and consulting services for business and industry, public and nonprofit organizations and educational institutions. Training programs include subjects such as human resource management, supervision, management, leadership, team building and other business-related topics. The institute's consulting services include curriculum design, human resources, strategic planning, board development and facilitating meetings and retreats. In FY 2018, 3,700 people enrolled in the institute's 180 programs. <http://mti.missouri.edu>

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### **MU Nursing Outreach**

Keeping Missouri nurses up to date with the knowledge and skills they need to provide effective care and fully participate in the state's health care efforts is a primary goal for Nursing Outreach. A full 92 percent of Nursing Outreach's Missouri participants reside outside the metropolitan St. Louis and Kansas City areas. Nursing Outreach brings high-quality, affordable continuing education programs to this audience using face-to-face, web-based and online delivery methods. In FY 2018, the program reached more than 4,300 health care professionals. <http://nursingoutreach.missouri.edu/>

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### **Continuing Medical Education and Physician Lifelong Learning (CME/PLL)**

CME/PLL serves MU Extension and the MU School of Medicine by educating physicians and other health care professionals and enhancing the standard of health care delivery statewide. Through health education, wellness promotion and health care quality performance initiatives, the program improves the health of Missourians. CME/PLL also facilitates and manages health care quality improvement projects for the University of Missouri Health Care system and the MU School of Medicine Springfield clinical campus. In FY 2018, CME/PLL offered 1,726 noncredit programs, courses and educational activities to more than 25,700 participants. <https://extension2.missouri.edu/programs/continuing-medical-education>

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### **Labor Education**

The MU Extension Labor Education Program works with members and leaders of workplace-based organizations representing the economic interests of more than 20,000 working people in Missouri and surrounding states. Programs help them develop skills to contribute to their organizations, act effectively in the workplace, and be informed and active participants in their communities. <https://extension2.missouri.edu/programs/labor-education-program>



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