

Barry County

2017

Annual Report



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SERVING BARRY CO

Barry County Extension Council

Derek Couch — Chairman
 Cody Epperly—Vice Chair
 Tracy Hudson—Secretary
 Tressame Holtzman– Treasurer

Members

Johnny Bishop
 Adam Gautney
 Suzan Harris
 Jerry Henry
 Linda Howell
 David Hudson
 MaLinda King
 Liz Reed
 Bart Renkoski
 Barry Stuart
 Terrell Varner
 Joy Wilson

2017 Barry County University of Missouri Extension Council Operating Budget

Revenue

Co Appropriation **\$37,948.98**

Expenses

Secretary & p/t wage	25,031.63
Payroll taxes	1,941.81
Travel	3,661.03
Telephone	1,052.99
Advertising	151.40
Supplies/Services	438.12
Surety Bond	172.04

Total Expenses 37,948.98

Closing Balance \$0.00

Barry County faculty & staff

Reagan Bluel
 Dairy Specialist/Co Program Dir.

Jacquie Howell
 Family Nutrition Education Asst.

Marissa Tucker
 4-H & Youth Asst.

Shon Bishop
 Small Farm Specialist, Lincoln

Becky Wogoman
 Administrative Asst.

Staff serving Barry Co

Jay Chism
 Regional Director

Jeff Barber
 Housing / Environmental Design Specialist

Robert Balek
 Horticulture Specialist

David Burton
 Civic Communication Specialist

Patrick Byers
 Horticulture Specialist

Mike Coffey
 4-H & Youth Specialist

Eldon Cole
 Livestock Specialist

Jennifer Lutes
 Ag Business Specialist

Kathy Macomber
 Community Development Splst

Jill Scheidt
 Agronomy Specialist

Tim Schnakenberg
 Agronomy Specialist

Bob Schultheis
 Natural Resources Engineer

Lindsey Stevenson
 Nutrition and Health Educator

Barry County Commissioners

Cherry Warren
 Presiding Commissioner

Gary Schad
 Northern Commissioner

Wayne Hendrix
 Southern Commissioner

State legislators

Senator David Sater
 District 29

Rep. Scott Fitzpatrick
 District 68

About us

Location:
 700 Main, Suite #4
 Cassville, MO

Hours:
 Monday – Friday
 8:00 – 4:00*
 *closed for lunch

Contact info:
 847-3161 Phone
barryco@missouri.edu
<http://extension.missouri.edu/barry>



Barry County Courthouse
700 Main Suite 4
Cassville, MO 65625
Tel: 417-847-3161
Website: <http://extension.missouri.edu/barry>

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 decide 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.

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 and 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 2017. We hope this report provides a greater understanding about University of Missouri Extension programming efforts available to Barry County Citizens.

Submitted by,

Tracy Hudson
Council Secretary

Derek Couch
Council Chairperson

Reagan Bluel
County Program Director



December 4, 2017

Dear County Commissioners and Friends of MU Extension:

For much of the past year, MU Extension was focused on a long-overdue assessment of statewide needs and a deep look at how we respond to these needs with programs and resources.

We crisscrossed the state to gather input from 42 community conversations with 1,200 people and reviewed analysis and recommendations from a range of external experts. As a result, MU Extension is working on a variety of changes in the interest of providing better university engagement with your communities.

We are steadfast in our resolve to help local communities and the state meet grand challenges associated with economic opportunity, educational excellence and healthy futures. These challenges reflect what Missourians from every corner of the state told us they were most concerned about.

As you read your county's annual MU Extension report, I believe you will be pleased to see the results that have been accomplished through county-based University of Missouri faculty. These faculty members work in response to input received from local extension councils.

At the state level, local MU Extension efforts really add up. Though we have long known extension funds were leveraged, an independent review revealed that MU Extension created more than \$945 million dollars of public value from the \$80 million it received from federal, state, county, grant and contract partners. A public value ratio exceeding 11:1 even surprised us.

As we go about implementing changes based on the recently completed needs assessment and review of our organization, I am confident that our ability to create value at the local level will be even greater.

I encourage you to read the attached annual report from your MU Extension county center to gain an understanding of how MU Extension has worked this past year to serve your community.

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

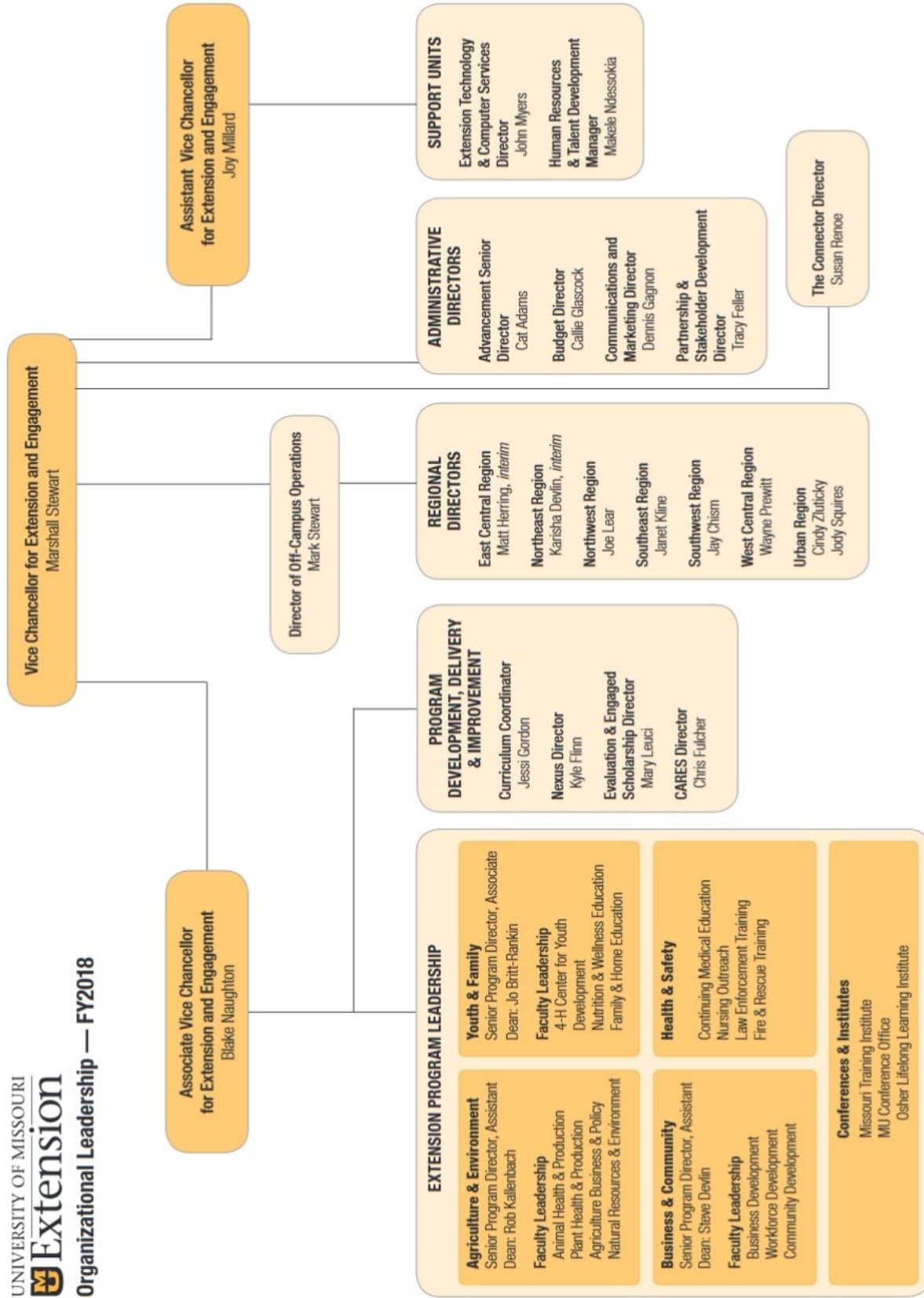
Sincerely,



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



Organizational Leadership — FY2018



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	Horticulture
Agriculture Business	Integrated Pest Mgmt
Agriculture Engineering	Nutrient Management
Animal Sciences	Plant Sciences
Crop Scouting	Soil Fertility
Dairy Sciences	Soil Health



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M Extension

Sexed Semen Field Trial

Dr. David Patterson from the University of Missouri began a field trial at Phillip Brooks Exeter, MO cattle operation. Field trial will run on 175 head of beef cows. The trial compares various heat synchronization protocols and sexed semen.



Missouri Steer Feed-out

The Missouri Steer Feedout gives cow-calf producers a chance to put as few as 5 steers in the feedout to learn how their steers perform in the lot and on-the-rail. Steer feedout participants were Eugene Dilbeck, Cassville and Weaver Forest, Verona. Weaver has entered the feedouts since 1997 with around 150 head of steers. The steers go to Joplin Regional Stockyards in June and November.

A Missouri Department of Agriculture Market Reporter places a feeder cattle grade and price on each calf. In November, the public learns about the program hears what buyers think about each group of steers. The cattle are then sent to Iowa where they are fed from 5 to 6 months before they're sold. **Carcass and feedlot data** is shared on each calf at the **Feedout Finale** in late June along with pictures of many of the steers as they neared slaughter time.

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Show-Me-Select Program

The Show-Me-Select Beef Heifer Program is used to stimulate wider use of technology in developing heifers from weaning to the late second, third stage of pregnancy. The program has been in existence since 1997 and features a sale of bred heifers in May and November.

In 2017 consignors to the SMS heifer sales were: Marvin Phipps, Cassville, Robert Miller, Aurora, Jason Hudson, Jenkins and Cupps Farms, Shell Knob. Buyers from the county were: Eugene Dilbeck, Cassville, Jeff & Rick Scott, Purdy and Kyle Forgey, Monett.



Marvin Phipps of Cassville averaged \$1942 on Show-Me-Select heifers.

Bull Breeding Soundness Clinic

Summary of BSE Clinic Activity – March 2017

Bull breeding soundness clinics held in March & October to draw attention to the need for bulls to have, at minimum, 1 physical exam annually to ensure they are capable of breeding females. This helps bunch the next year's calf crop which makes for a more uniform offering at the Market.

Barry countians participating in BSE clinics:

- | | |
|----------------------|-----------------|
| Ronnie Veith | Sara Steward |
| Bart Renkoski | Carroll Craig |
| Jared Wormington | James Taylor |
| Pat Blankenship | David Sperandio |
| Victor & Kent Arnaud | Weaver Lee |
| Larry Morrison | Louis Forest |

Impact

441 bulls were examined at the participating clinics:

Diamond, Miller, Cassville, Clever, Aurora & Eldorado Springs

93.9% bulls passed the **Breeding Soundness Exam** in 2017, up from historical low of 85%

During the clinics livestock specialists give body condition scores, soundness scores and visit with owners about buying bulls, EPDs, genomic testing and more.

Impact

This program can potentially save Missouri landowners \$47,250 in legal fees (assuming attorney fees average \$150/hour)

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.

Fence Law Program

60 Barry County participants learned about the 2 different fence laws in place Southwest Missouri.

They also learned:

- (1) Fence related law requirements of the landowner
- (2) Which portion of a boundary fence each land owner must maintain
- (3) Where they can find fence law resources and assistance in Barry and surrounding counties

Knowing the fence law in effect in your county and following that law helps decrease conflicts between landowners.

Resulting in a reduction of litigation costs

Pesticide Safety Training

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.



In 2017:

- 52 Pesticide applicators Trained & Certified
- 9 Additional trained in the county office
- 61 TOTAL licenses issued by Barry County**

Beef Handling Facilities

Joe Zulovich, University of Missouri Extension Ag engineer presented information on:

*"How to work SMARTER,
not Harder"*

Proper beef handling facilities will make working your cattle both easier and more profitable.

A group of 12 farms were in attendance to get information on design, calculating pen capacities, and ideal handling management



Tall Fescue

A 60 acre field of year-long, fescue growth was sampled for total ergot alkaloids in late November for Charles Fletcher, of Purdy.

Fescue foot is a costly concern when grazing rank growth. Lab results from the revealed the level of alka-

MU College of Veterinary Medicine's Toxicology Division

loids should not pose a high risk as the bred heifers grazed the stockpiled fescue.

Pictured (Left): Reagan Bluel sampling pasture for ergot alkaloids

Spring Forage Conference

427 farmers and ranchers, attended the 34th Annual Southwest Missouri Spring, Forage Conference held in Springfield.

Forage production

gives SWMO cattlemen the competitive edge

Concurrent sessions were held on a variety of topics of interest to most grass producers and it was accompanied by a large trade show. This event is a partnership between University of Missouri Extension, Natural Resources Conservation Service, Soil & Water Conservation, & Missouri State University.



16 Barry County livestock producers participate in the large crowd of the 34th annual Spring Forage Conference in Springfield.

Soils Tests

Farmers & 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, customizes each soil report with remarks to enable landowners to make an informed fertilizer decision.

In 2017: 403 soil samples
were submitted through the Barry Co Extension



Ag Fun Day

The first Ag Fun Day was hosted by the University of Missouri's Southwest Research center, in Mt. Vernon.

During the pilot year, elementary students participating in summer school were invited out to learn more about agriculture.

150 Elementary Students

Spent the day learning all aspects of agriculture and how their food is produced. The program is expected to expand for 2018.



Soils and Crops Conference

The 88th Annual Barry County Soils and Crops Conference held in Cassville.

Even though this conference has been around for 88 years it is still one of the best attended and most anticipated programs of the extension office conducts. Attendance in 2017 was 63.

Topics for 2017 program included Understanding Trichinosis, Phosphorous Chemistry 101, and Using Wrapped Hay for your Herd's Forage Source.

Pictured (right): Missouri Department of agriculture state veterinarian, Dr. Linda Hickam



2017 Events



Above: Congressman Billy Long visited two



David Sperandio is cooking tin the Beef House, Sedalia, Missouri State Fair.

Weaver Forrest working at the Beef House at the State Fair grounds.

Congressman Billy Long visits Barry Co. Dairymen



Above: Congressman Long visits two Barry co dairy farms to discuss the local markets

Right: Technology mounted on the 4 wheeler measures pasture amount and quality real time as you drive

Technology: Pasture Management



Cow Camp - Preparing the next generation



Right: Cow camp participants line the feed alley to learn how to properly set up a heifer for show. During this 2 day long, hands-on event, 4H students learn practical dairy management and all the details of a successful show animal.

49 4-H'ers aging from 8-18 capped the class in 2017.

Dairy: Heat Stress Field Day

A group of dairymen gathered under a newly constructed dry cow facility at Martin's dairy in Humansville, MO for Missouri Dairy Industry Alliance (MDIA) field day in early June to discuss reasons to manage Missouri's heat stress and solutions they can implement right away.

Experienced dairymen would tell us that when the cows aren't comfortable and cool a decline in milk in the tank starts to creep in. Unfortunately, it is not rare for the vulnerable herds to experience 10-20% decline in milk production during the hottest of times.

Research recently released from the University of Florida helped paint a picture of the long-term impact of heat stress. They focused on the dry cow.



Women in Dairy

Women in DAIRY

Year 2 for The University of Missouri — Extension Women in Dairy took place in 2017 and contained a jam packed schedule of events meeting on the
2nd Wednesday of every month

The diversity of meeting content reflected the diversity of our group. Ladies participated in hands on dissections of reproductive tracts (top right) and udder (bottom right) while also exploring their creative skills crafting holiday wreaths (bottom left). Social media training from Midwest dairy expert (left center). Finally, the field trip for the year was a tour of two robot farms in SWMO and Kansas (top left).

176 women
Attended our Women in Dairy sessions

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Lincoln University



Barry Co. Extension is blessed to house the partnership of Lincoln University's Small farms specialist, Shon Bishop, in Cassville.

(Pictured right): Southwest Advisory team at the year round growing education center

Hispanic Learning Farm - Carthage

Throughout the 2017 calendar year, Lincoln University through the ISFOP team that is located in the Southwest Region of the state has been working closely with UME, Carthage Chamber of Commerce, Missouri Work Force Services and other NGO's to establish a Hispanic agricultural training facility. The purpose of this facility will ultimately be to teach and equip aspiring Hispanic agricultural producers the necessary skills to succeed by growing specialty crops for sale directly to area niche markets.



New Age Jessup Wagon

Lincoln University in collaboration with the Webb City Farmers' Market and UME have received a specialty crop block grant from the Missouri Department of Agriculture with the purpose of developing a new age Jessup Wagon. The original Jessup Wagon was owned and operated by George Washington Carver and would be used to demonstrate production break through's and promote various topics of interest to farmer's like sustainable soil management. The monies received with this grant will be used to purchase and demonstrate scale appropriate tools that are relatively new to agricultural market's in the western hemisphere.



BUSINESS DEVELOPMENT



Business Development Provider: Missouri Procurement Technical Assistance Center

Missouri's small businesses are an increasingly diverse group that continue to boost the state's productivity. There are 507,712 small businesses in Missouri. This is the equivalent of 97.5 percent of all Missouri businesses. Missouri small businesses employ more than 47 percent of the private workforce. In assisting the owners and managers of these businesses, MU Extension contributes to a county's economic development through growth in jobs, sales, innovation, technology development and commercialization, and community growth.

In Barry County during fiscal year 2017, the MU Extension Business Development Program (BDP) through its Missouri Procurement Technical Assistance Center (MO PTAC) in Joplin facilitated the awarding of two government contracts for \$29,740.00.

Impact

MU Extension BDP serves people and their businesses statewide. The fiscal year 2017 total impact for all BDP business assistance was:

- New jobs: 3,106
- Sales increases: \$478,772,408.10
- Government contracts: \$403,359,341.00
- New businesses: 198
- Jobs retained: 3,675.5
- Loans and investments in business: \$91,002,145.15
- Clients/companies receiving business counseling: 3,458
- Business training attendees and conference participants: 10,685
- \$4,004,375.00 in SBIR/STTR or research proposals submitted with \$7,622,000.00 awards received



THE BDP DELIVERY NETWORK INCLUDES Field Specialists headquartered at University of Missouri Extension centers; centers located on the University of Missouri campuses at Columbia, Kansas City, St. Louis and Rolla; and centers at most of the state universities across Missouri. The programs delivered through this network include:

- Missouri Small Business & Technology Development & Centers Technology Development & Commercialization Economic Gardening
- International Trade Center
- Missouri Procurement Technical Assistance Centers
- Mid-America Trade Adjustment Assistance Center
- Environmental Assistance Center
- BDP Workforce Program

2017 4-H in Barry County

Three 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.

- 3 youth attended the Youth Civic Leadership Summit at Windermere
- 5 youth and 1 adult volunteer attended 4-H camp
- 12 youth participated in the Purdy Festival
- Several projects received grand champion awards at the Ozark Empire and State fairs, and 1 received a special prize
- 1 Youth participated in State 4H congress
- 1 youth participated in State Fashion Revue
- 47 members participated in 4-H Week activities
- 1 new club was added

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Their work is equivalent to tens of thousands of dollars worth of labor. More importantly, these adults serve as mentors for our youth, helping them transition into healthy adults. In reality, the work they do for our members is priceless.

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



Jeremiah Rittenhouse, Hailey Bennett, and Eli Chapuis attend the Youth Civic Leadership Summit at Lake Windermere in Roach MO

Impact

4-H Youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. Missouri 4-H members spend more of their leisure time than peers engaged in projects of interest anchored in science (Khan, 1989). It is no wonder, 4-H members are three times more likely to go into science related careers than similar peers (Lerner and Lerner, 2008).

4-H youth are nearly twice as likely to expect to go onto college (Lerner and Lerner, 2011). 2 Barry County 4-H members completed high school in 2017 and are now attending college.

Young people in 4-H are engaged in twice as many leadership roles than their non-4-H peers. This is because 4-H lets members are exposed to leadership roles at a young age and they can experience leadership roles hands-on through club and county leadership roles.

4-H Fun Highlights

Barry Co. Achievement Days

4-H members compete in demonstrations and in speech events. It is an opportunity for 4-h'ers to show their skills in the projects in which they participate. They win ribbons and then are able to move on to regional level competitions.



Grand Champion cake decorating at the Ozark Empire Fair



4H Week Activities



Annual Council Picnic Presentations

One of the requirements to participate in the Barry County Scholarship Program is the make a presentation on the event for which the scholarship was applied. Scholarships were given for camp and State Congress trips.

6 Barry County 4-H youth presented at the Council Annual Picnic



Scholarship Banquet

Members host an annual banquet to raise funds for the county. These funds are later distributed as reimbursements for various trips and events attended throughout the year.

The Family Nutrition Program (FNP) brought \$9,681, 129.00 federal funds to the state of Missouri. These funds were used to provide nutrition education to 838,295 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 3,831,270 educational contacts. This year we had 3,064,781 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs, food pantries and the Show Me Nutrition help line. 4,568 of these participants reside in Barry County.



Those who practice healthy eating and activity behaviors are more likely to enjoy a high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.



During 2017, 2,487 youth and 2,081 adults were served through schools, community groups and agencies. The following is a list of the locations where participants were served in Barry County:

Schools	Agencies
Monett 1 & 2 Head Start (OACAC)	Crosslines
Eunice Thomas Elementary	Cassville United Methodist
Monett Elementary, Middle & High Schools	Monett WIC Clinic
Purdy Elementary, Middle & High Schools	First Baptist Church
Wheaton Elementary	Cassville YMCA
St. Lawrence	ARC – Summer Hill
Eunice Thomas Elementary	Barry Co. OACAC
Monett Elementary, Middle & High Schools	Barry Co. Food Stamp Office
Sonbeam Preschool Cassville United Methodist Church	Cassville Sr. Center (SWMOA)
Cassville Head Start 1 & 2 (OACAC)	Barry Co. OACAC-Cassville
Central Park Elementary	Barry Co. Food Stamp Office
	Barry Co. Health Department
	Shell Knob Kornerstone Project.
	Shell Knob Senior Center

Barry Co. Master Gardeners



Barry County Master Gardeners

2017 Officers:

Chair: Sharon Wilson

Vice-Chair: EJ Wilson

Secretary/Treasurer: Liz Renkoski

List of Service Projects:

Cassville Library Grounds

Eagle Rock Community Association

Roaring River

2017 Plant Sale Fundraiser

The Barry County Master Gardeners Club held their annual plant sale in conjunction with the Cassville Annual Car Show. This gave the Master Gardeners a great opportunity to not only generate club funds, but to have an impact on the community in answering gardening and landscaping questions.



Spring Workshop



The first annual Barry Co. Master Gardener's Spring workshop titled:

"Lets Get Growing"

Sixty class participants learned from guest speakers about plants that attract butterflies and hummingbirds, installing drip irrigation systems, vegetable gardening in raised beds, and the benefits of including native plants in the landscape

2017 Highlights

Century Farms

University of Missouri Extension honors Farm families who maintain and sustain a farm operation for more than 100 years.

2017 Century Farm Recipient: EZ-H Ranch

EZ-H Ranch family farm owned and operated by Jerry Henderson was honored at the 2017 Barry Co. Extension Annual Picnic in August.



Missouri State Fair Farm Family

David and Tracy Hudson and family of Cassville were among the families honored during the Missouri Farm Family Day, Aug. 14 at the Missouri State Fair.

The Hudson family was selected as the Barry County Missouri Farm Family by the Barry County Extension Council and local Farm Bureau. The family includes two sons, Timothy and Lucas.

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.

The Hudsons are active on the University of Missouri Extension Council of Barry County.



Marshall Stewart, Director of Extension; Mark Wolfe, State Fair Director; Sherry Jones, Lowell Mohler, Barbara Hayden State Fair Commissioners; Christopher Daubert, Vice Chancellor of MU CAFNR; Blake Hurst, President of Missouri Farm Bureau; Garrett Hawkins, Deputy Director of Missouri Dept. of Agriculture; Tracy and David Hudson and sons, Lucas and Timothy.

2017 Highlights

New Council Members

Derek Couch, Council Chairman administered the oath to seven newly elected council members in the year 2017.

Council members serve a two year term and can be re-elected to one consecutive two year term.

Thank you to those who are willing to give of their time and efforts serve the citizens of Barry County.

Those new members are from left to right, Adam Gautney, Jerry Henry, Bart Renkoski, Liz Reed, MaLinda King, Tressame Holtzman, Terrell Varner



Retiring Council Members

It is always difficult to have council members step off the council. But, council members are elected to a 2 year term and can serve a second consecutive term, after that they must leave the council for a term of no less that one year before they are eligible for re-election.

Those retiring from the council were: Kent and Erin Boursheski, Stanley Howell, Jason and Beth Hudson, and Marcia Moreland.

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Leaders Honor Roll

Kent and Erin Boursheski were inducted into the Leaders Honor Roll by Reagan Bluel Barry County Program Director.

Leaders Honor Roll program is intended to honor outstanding University of Missouri Extension community leaders who have excelled in supporting or co-teaching named programs. Kent and Erin have both been exemplary in their efforts to support Extension for many years.



2018 IMPACT DATA

Barry County



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

UM System Footprint in the County in 2017

Students

51 County students

- 41 Undergraduates
- 10 Graduates
- 48 Full-time students
- 3 Part-time students
- 17 Pell grant recipients (aid year '17)

Employees and retirees

9 people employed by UM

- 9 Campus

11 UM retirees and beneficiaries

UM salary and retirement income:
\$271,604

UM state tax revenue: \$5,981

UM federal tax revenue: \$26,204

Alumni

Selected school alumni

- 7 - Medicine
- 16 - Nursing
- 3 - Health Professions
- 7 - Dentistry
- 9 - Pharmacy
- 3 - Optometry
- 17 - Veterinary Medicine
- 38 - Agriculture
- 41 - Engineering
- 15 - Law

Alumni teaching K-12

- 13 teachers
- 3% of all county teachers
- 2 principals and administrators
- 9% of all county principals and administrators

Breakdown by campus

MU

- 31 students
- 198 alumni
- 9 employees

UMKC

- 6 students
- 58 alumni
- 0 employees

Missouri S&T

- 13 students
- 45 alumni
- 0 employees

UMSL

- 1 students
- 19 alumni
- 0 employees



County population:
35,726

Services provided

Health care

- 190 patients seen at UM Health Care, with \$51,362 of uncompensated care
- 3 patients seen at the UMKC School of Dentistry with an average of \$54 per patient in uncompensated care

Extension

- 14,124 total educational contacts from MU Extension to residents of county, including:
 - 2,901 contacts related to productive farming, better gardening, and managing natural resources
 - 11,124 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
 - 99 contacts related to starting businesses, developing community leaders, or renewing the local economy

Properties and offices

MU Extension in: Barry County

UM System Statewide Footprint

Economic and community development highlights

- Business development specialists worked with **small businesses and entrepreneurs** statewide to create **8,149 jobs**.



For every dollar invested in University of Missouri Extension **\$11 of public value is returned**; generating **\$945 million** in direct and economic benefit to Missouri in 2016.

- Between FY2011 and FY2016, UM System brought Missouri more than **\$1.1 billion** in federal and private research funds, funded primarily from outside the state but spent within the state.



In 2017, the university was issued **49 patents** and filed **74 patent applications**.

- In 2017, the UM System construction projects resulted in a total investment in the state of **\$136.7 million**.



In FY 2017, Missouri Telehealth Network brought the expertise of University of Missouri Health Care physicians to underserved areas — **2,270 patient consults in 42 counties**.

Education and training provided



42,576 police, fire fighters, nurses, and doctors attending continuing education

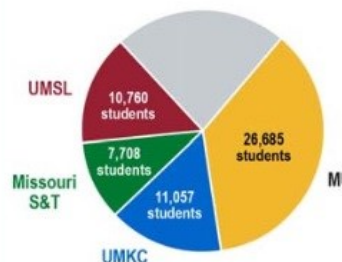


Agriculture and natural resource programs served **94,830** farmers and related businesses



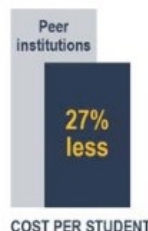
190,300 youths served in 4-H clubs, schools, camps and other programs

Education highlights



77% of the UM System's 72,877 students receive some financial aid totaling **\$910.6 million**.

- UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to **59 higher education institutions** (267,000 students), **502 K-12 school districts** (828,900 students) and **116 public libraries** (serving nearly 5 million Missourians) in 2016.
- UM System awarded **54%** of Missouri's 32,575 bachelor's or higher degrees from four-year public institutions in academic year 2015-2016.
- In 2017, UM System's **\$34.5 million** in National Science Foundation (NSF) grants represented **97%** of all NSF grants made to Missouri public universities.



The cost of supporting full-time students in the UM System is **27% less than peer institutions**.

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.

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 Extension

Of
**Barry
County**

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