

Butler County

2017 ANNUAL REPORT

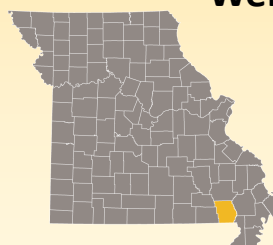
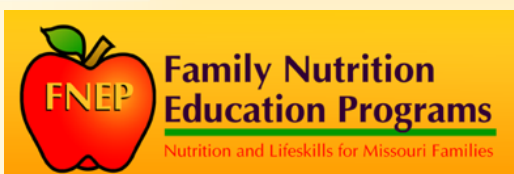


What does extension mean to you?

Extension is a resource for the community that provides educational programs and opportunities to learn something new and gain knowledge to improve lives. Extension reaches out with information to help people get involved.



Missouri Association
for Family & Community
Education



ADA/EOE Compliant

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UNIVERSITY OF MISSOURI
MU Extension

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.

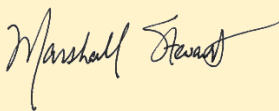
As you read your county's annual MU Extension report, I believe you will be pleased to see the results that have been accomplished through county-based University of Missouri faculty. These faculty members work in response to input received from local extension councils.

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.



Marshall Stewart, Ed.D.
Vice Chancellor for Extension

ch

Butler County Extension Council Members

- Brandon Woolard (2018), President
- Betty Schalk (2018), Vice President
- Marissa Day (2018), Secretary
- Linda Allen (2019), Treasurer
- Jack Altman (2018)
- Bruce Beck (2019)
- Mildred Coursey (City)
- Laura Dowd (2018)
- Vince Lampe (CO. Commissioner)
- Jill Lynxwiler (2018)
- Shirlene Nelson (2018)
- Faye Smody (2018)
- Pam Sullivan (2018)
- Jo Schalk; Youth (2018)
- Derek Emmons (2019)
- Ed Flanigan (2019)
- Lori Lady (2019)
- Lindsey Thomas (2019)
- Michael Wilkes (2019)

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

University of Missouri Extension Council 2017 Annual Report

University of Missouri is a land-grant university, part of a federally mandated mission to carry the benefits of university research beyond campus. Federal legislation in the 1800's provided for the donation of public land to individual states. Today, through statewide offices, publications and Web-based services, extension faculty in every county of Missouri continue to carry the benefits of MU research throughout the entire state.

University of Missouri Extension cooperates with Lincoln University to deliver a single, coordinated cooperative extension program. Extension clientele are youth and adults from all socioeconomic, racial and ethnic groups represented in the state.

Mission: Our distinct land grant mission is to improve 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.

University of Missouri Extension, Butler County



Sarah Denkler
Horticulture Specialist
County Program Director



Stephanie Milner
4-H Youth Development Specialist



John Fuller
Human Environmental Science Specialist

Program Guidance Comes From You

The University of Missouri Extension council and staff would like to thank the Butler County Commissioners for their support and funding for local programming this past year.

University of Missouri Extension serves as the outreach arm of the University of Missouri System and Lincoln University. The council, faculty and staff remain committed to improving people's lives by providing local residents access to a vast network of experts that help with decision making and problem solving. Many services are available free of charge, paid for by your federal, state, and county tax dollars.

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

Many community members volunteer their time and talents in helping the staff better meet the needs of our local residents. We can't thank them enough for their dedication and support.

Our office is here to serve the citizens of Butler County.

Brandon Woolard
Butler County Council President



Albertina Henry
Nutrition Program
Associate



Kim Allison
Youth Program
Assistant



Tonya Lyons
Program Support



Kittye Hall
Program Support



Caleb Stewart
Youth Program
Assistant

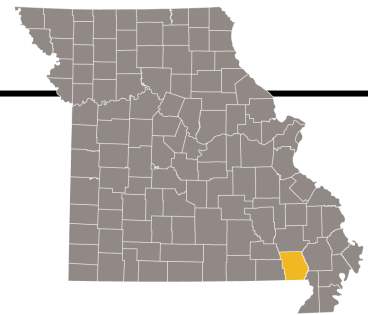


Sandra Williford
Nutrition Program
Associate

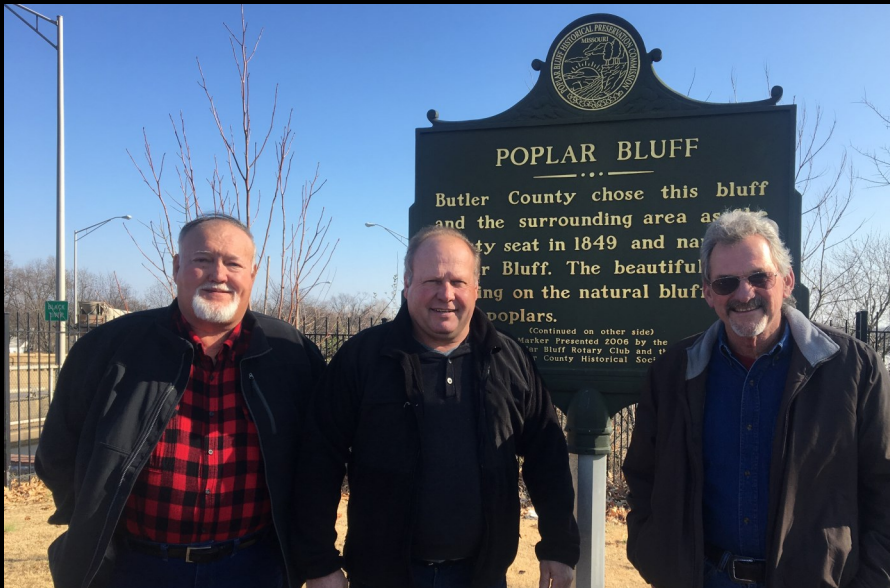
Other Specialists serving Butler County

- Van Ayers Community Development Specialist
- Dr. Maude Harris Nutrition /Health Education Specialist
- Jeff House..... Agronomy Specialist, Soybean
- Dr. Michael Milam Agronomy Specialist, Cotton
- Dr. George OhmesAgronomy Specialist, Corn
- Dr. Linda Morgan..... Regional Coordinator FNP/FNEP
- Frank Wideman Natural Resources Engineer
- David Reinbott Agriculture Business Specialist
- Sam AtwellAgronomy Specialist, Rice
- Rebecca Blocker Housing & Environmental Design Specialist
- Willis Mushrush..... Business Development Specialist
- Kay Lewis Afterschool Regional Educator

2017 Butler County Appropriations Budget	
Income	
County Appropriations	\$68,125.23
Total Income	\$68,125.23
Expenses	
Office Support	46,232
Travel	4,626
Communications	5,880
Office Supplies	6,440
Equipment and Repairs	3,900
Misc. Council Expenses	1,047
Total Expenses	\$68,125



Janet Kline
Regional Director



Don Anderson
Eastern District Commissioner

Vince Lampe
Presiding Commissioner

Dennis Legrand
Western District Commissioner

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Kitty Hall, office support and Linda Allen, Council Treasurer.

Thank You

The University of Missouri Extension would like to thank our organizational alliances whose support and partnership enable us make a difference together.

AARP; Boys & Girls Club; Baker Implement Company; Bootheel Rentals; Butler County Fair Board; Butler County Health Department; Caring Communities; Economic Development; First United Methodist Church; First Presbyterian Church; Greenway Equipment; Healthier Communities Coalition; Henson Farm Supply; Hillcrest Animal Hospital; Legacy Equipment; Lincoln University; Local Media Friends (Daily American Republic, Fox Radio, River Radio); Magee Farm Supply; Mingo National Wildlife Refuge; Missouri Association for Family and Community Education - Butler County; Missouri Division of Health and Human Services; Ozark Regional Planning; Poplar Bluff Farm Equipment; Poplar Bluff R-I Health Advisory; Red Cross; Retired Senior Volunteer Program (RSVP); Riceland Foods; Sacred Heart Church; Butler County Senior Services; Show Me Healthy Women; Three Rivers College and Ag Club; United States Department of Agriculture, U.S. Forest Service, Missouri Department of Agriculture, US Army Corps of Engineers; Missouri Department of Conservation, Women Aware, Inc.; Women in Action; Whole Heart Health Coalition, Butler County EMS, Corp of Engineers, Poplar Bluff FFA, Twin Rivers FFA and Naylor FFA, Country Fire Cloggers, Iron Mountain Station, Bluff City Twirlers, Black River Blues.

Honors and Recognition

The **Leader's Honor Roll** program is intended to honor outstanding University of Missouri Extension community leaders who have excelled in supporting or co-teaching named programs. Those honored for their service will have their names engraved on a plaque at the University of Missouri – Columbia campus.



Butler County University of Missouri Extension Center honored James Edward Flanigan and Mrs. Lois Hildrich at the council's annual dinner meeting in March. Mr. Flanigan has volunteered many hours for the Butler



County University of Missouri Extension Center over the last 40 years and continues to help out as a 4-H club leader with a membership between 60 and 70. Lois was honored for her continued work with the extension center and her willingness to fill in when needed.



Congratulations to Jon, Joann and Zak Cowley. They represented Butler County at the State Fair on Farm Family Day and during the Butler county fair and Ag Expo.

The Cowley family are active in area agriculture and help to support 4-H and Extension activities. We thank them for their hard work.

The University of Missouri Extension, in partnership with Farm Bureau, also recognized 2 families that have been continuously farming the same property in Butler County for over 100 years. Families that apply and meet the criteria are acknowledged as a **Century Farm Family** and presented with a certificate, yard sign and during the state fair. In 2017 the Smody and Pell families became Century Farm Families in Butler county.

Ag Expo

The annual Heartland Agricultural and Natural Resources Expo (Ag Expo) is an educational partnership between University of Missouri Extension Council in Butler county and the Three Rivers College Ag Club. Started in 1987, the expo helps increase public awareness of the impact of agriculture and natural resources in our region. In 2017 an estimated 6,000 adult and youth were provided current information on farm safety, animals, technology and pesticides.



Agriculture

Provided **Private Pesticide Applicator Training** to 58 growers required to have certification or recertification in Missouri to obtain the necessary information to use chemicals responsibly to protect soil health, water quality and air quality. Of these, 4 were from other counties.

Soil testing and interpretation was provided for a total of 216 agricultural growers. As results were returned specialists also provided instruction, review and education. This includes 56 to crops and 121 for pasture.

Agriculture workshops provided to Butler County growers included Missouri Crop Production Systems, Rice Field Day, Regional Corn meeting, Beef Production Systems, Missouri Grown Production, Regional Soybean meeting and Regional Watermelon meeting with a total of 364 adult and youth participants. Knowledge covered included new technology, management of crops, diseases, weeds, insects, water and soil, variety selection, cover crops, and evaluation of farm resources. This knowledge improved farmer efficiency and effectiveness of the operation by adjusting inputs and improving production skills and marketing techniques. These improvements increased profits through better yields, increasing the tax base of the county and state with a potential effect on 167,440 acres based on average farm size of 460 acres (Ag Census, 2012: Butler County Profile). Extension indirectly impacted 6005 people through agriculture programs.

Business

475 clients (160 male/female owned business; 174 male owned businesses; 131 women owned businesses) for a total of 207 individualized counseling hours.

Clients learned to manage a business, how to do government contracting, marketing/sales, how to complete a start up, about cash flow management, developing business plans, disaster planning and franchising.

Of those counseled: 3 - prime contracts were awarded a total of \$84,666, 2 - businesses were started, 1 - legal structure change, service disabled veteran owner small business certification and 3 - assets acquired totaled \$18,000 and owner equity built totaled \$18,000.

By helping our county residents become more business minded and aware, we were able to expand the local economy thru job creation, capital infusion and improve competition for small business contracts with the state and federal governments. These actions increased the awareness of our state and federal legislators about the program and will aid in program funding.

4-H

A **community of 104 youth** building life skills, engaging in science and contributing to their community.

The U.S. needs young people prepared to live and work in a world that no one can imagine – jobs that do not yet exist, using technology that has not been invented, solving problems that have not yet been identified. In Butler County, **30 youth** were engaged in science related projects and experiences.

Butler County 4-H clubs offer long-term educational experiences in which **104 participant members** learned life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from computer science and arts, to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips.

Butler County 4-H school enrichment programs are short-term educational experiences that supplement learning in the classroom for **1,238 participants**. Teachers, 4-H volunteers or 4-H staff lead these activities. The most popular 4-H school programs in Butler County are Ecology Day, Earth Day, and Farm Safety Day.

4-H members are supported by **103 volunteers who serve as role models and mentors**. Missouri 4-H volunteers report an average contribution of 100 hours per year. **Butler 4-H volunteers, contributed a value of \$248,642 in 2017.** *Value of volunteer time at \$24.14 per hour (Independent Sector, 2017).*



4-H'ers at the Memphis Zoo



Far Left - Jo Schalk, local 4-H member, teaching a class at Aerospace Camp at Missouri S&T in Rolla. Left - Butler County at Regional 4-H Camp. Above - 4-H Planting of the Liberty Tree in Quin.

Highlights– Butler County 4-H'ers Learning by Doing!



Top left - Quilin 4-H club cleaning out the local library

Top right - 4-H field trip to Grand Gulf State Park

Left - 4-Her's at the Butler County Fair

Youth Mental Health First Aid

The training of professionals who work with youth continues to be an important path to help youth transition into adulthood. In March and November 34 participants were trained on how to handle mental health issues in youth and where to direct youth for help.



Master Gardener

The Poplar Bluff Master Gardeners conduct **Garden and Grow** workshops totaling 20 hours of education with youth in the juvenile system every Spring. This program offers 10 sessions ranging from planting a vegetable garden to identifying and caring for trees. Each year they train between 13 and 17 at risk girls from around Missouri, building confidence and teaching patience as they increase their knowledge of horticulture. The Sierra Osage center reports an increased eagerness to work together and improved attitude from participants.

Master Gardeners bring information to second graders in three counties with the **second grade program**. The goal is to educate each student and demonstrate proper seed planting and care of gardens. In 2017 the Master gardeners educated 800 second graders, sending each home with 1 packet of ornamental seeds and 5 different types of vegetable seeds to plant and grow at home providing a potential 42 pounds of fresh vegetables.

The mission of the Missouri Master Gardener Extension Program is “helping others learn to grow.” The Master Gardener program provides in depth horticultural training to individuals throughout Missouri who then volunteer their time applying what they have learned to help others in their communities to learn about gardening and environmental education. The Master Gardener Program throughout Missouri promotes and raises public awareness of the University of Missouri Extension as a source of unbiased, research based gardening information.

754 volunteer hours

The Poplar Bluff Master Gardeners conduct short hands-on education, **Garden Adventures for Kids**, providing youth with treasures to take home and continue the learning. **IMPACT:** This hands-on education trained 600 youth and parents to create a garden, pot plants and make birdfeeders, continuing their growth at home.

The Poplar Bluff Master Gardeners provided over 754 hours of volunteer time in 2017 with the above projects as well as work with the Butler County Fair, The Ag Expo, monthly meetings, adult education and the public gardens. This time is worth an estimated 24.14 per hour (2016 Bureau of Labor Statistics data, indexed by Independent Sector in April 2017) for a total value of 18,201.56 to Butler and surrounding counties.



Master Gardeners demonstrate how to create water baths from plant leaves.

Food Nutrition Education

"I was at an elementary school standing at the door to greet the 2nd graders as they came into class when a student whispered to me, "I have been eating my vegetables!" We had read the book Bread and Jam for Frances in the previous lesson. I had encouraged the class to be sure and try new foods when they are offered and sometimes we have to try new foods many times before our taste buds figure out if they like it or not. The student went on to tell me that he had eaten some broccoli with cheese and had onion on his cheeseburger. He stated he thought he hated both of those veggies before trying them! He also said he would taste new foods because he wanted to play football when he is older. The behavior change I see is a huge success with these 2nd grade students!" - Sandra Williford



"Teaching from Show Me Nutrition, one of the students approached me and said that their parents bought some of the healthy bread we ate in class, which was the 100% percent wheat bread. I was happy to hear that the child went home and influenced their parents to try newer and healthier things. I learned that children could influence their parents. Eating healthier food is a great way to influence in order to have a healthier and better life." - Albertina Henry (shown left)

University of Missouri Extension's Family Nutrition Program (FNP) reached a total of **3,870** participants (2,568 direct and 1,302 indirect) in Butler County during 2017. A significant percentage of these participants were low income. FNP provides information on nutrition, food safety, gardening, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies. Participants become aware of nutrition, make healthier meal and snack choices, eat breakfast more often, try new foods and increase physical activity. A healthy labor force is critical to attracting and keeping jobs in Missouri and reducing healthcare costs over a persons lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.

Horticulture

Pruning workshops were offered to the southeast region with 38 attendees from multiple counties. Of those attending 100% did hands-on pruned of trees.

Soil Tests are reviewed and recommendations provided to homeowners with the goal of reducing over application of nutrients and lime to soils. There were 86 home soil tests reviewed in 2017 in Butler and surrounding counties.

Workshops and one-on-one contact:

Public education on horticulture practices to reduce soil loss, over application of pesticides and water waste. Work with youth and adults to increase basic garden concepts and encourage the growth of edible plants.

Programs: Garden Symposiums; Creating Cold frames; Food Safety Training; Growing Mushrooms; Feeding Pollinators



Planting Oaks at Head Start on arbor day.



Instructions for growing Shiitake mushrooms.

IMPACT: Education was provided to 231 direct contacts during workshops. Over 438 one-on-one plant related questions were answered by phone, email or in person. Over 16020 indirect contacts were provided horticulture information through readers of home garden newsletters, statewide garden magazines and local community articles.

Human Environmental Science



Time to turn over a new leaf as Human Environment and Sciences take a new direction. The focus will continue some of the original programming and provide new. The new approach will focus on a holistic approach where one program gives an insight into more in-depth programming.

Skill Up is a state program to assist SNAP recipients financially to gain new skills through training. The participants go through short certification courses to improve their income or employment possibilities. Human Environmental Services provides the soft skills and job search training.



Stay Strong, Stay Healthy is a physical exercise program designed for those 60 years and older. The program is conducted twice a week for 8 weeks. The objective is for the participant to maintain or see an improvement through the process. This is the additional program that facilitates with physical exercise.



Taking Care of You is a mindfulness program to help a person enjoy the moments of life and reduce stress. This program empowers participants to regain and understand the brain operation. The program ventures further into those wanting to prescribe to emotional control and spirituality.



For the other areas, consumers are made aware of the different programs and clubs available through the extension. Any program gives a person an opportunity to gain new knowledge and socialization in their quest for improved brain health and lifestyles.

Top left: Boost Your Brain class. Middle and Bottom left: Generous support for caregivers comes from our community partners, the eagles auxiliary and Lisa Reynolds Insurance. Top right: Caregivers make their own dish gardens during the Grandparents Conference.

Human Environmental Science

Boost Your Brain and Memory has been the catalyst behind the vision. Boost Your Brain and Memory is a 1 hour, 1 day a week, 8 week brain health course. The program provides information on the following areas: physical exercise, emotions, intellectual concepts, nutrition, spirituality, and social engagement. Next year will see more of these programs available throughout the year.

Boost Your Brain and Memory This program had so much interest a new session was opened up to accommodate participants. Of the 31 participants, 81% completed a post survey, 92% adopted new brain health behaviors, 84% had taken steps to reduce stress, 68% increased physical activities, and 95% were optimistic about maintaining memory as they age.

Grandparents Raising Grandchildren Support Group meet on a monthly basis and learn different resources that are available and answer questions that have concerns about. This group is available to any family that is helping raise a child that is not their own. Thanks to support of financial partners - Lisa Reynolds Insurance, Eagles Auxiliary, Chartwell Food, and Community educators. The volunteer assistance of our topic speakers, Family and Community Educators, and First United Methodist Church. The annual conference is possible through great partnerships like Aging Matters and AT&T.

The conference hosted 29 adults and 4 children. 15 were grandparents raising grandchildren, 1 close relative, 3 foster parents, and 10 vendors. The counties represented were Butler 66%, Cape Girardeau 3%, Carter 3%, New Madrid 3%, Ripley 17%, and Wayne 10%.

So far in the support group, 20 kinship parents have attended the support group. This has impacted 27 children ranging from ages 1 to 18.



Family and community educators provide time to prepare the meal during the grandparents conference.

Butler County Fair

The Butler County Extension Center hosts the home economics and youth exhibits at the Black River Coliseum during the Butler County fair. This portion of the fair supported over 1400 exhibits from adults and youth in the area with volunteer help from FCE members, Master Gardeners and members of the fair board. These efforts encompass approximately 320 hours from volunteers and partners.



Butler County Continuing Education

The **University of Missouri (MU) Conference Office** provided professional, full-service meeting management for noncredit educational programs such as teacher education, agricultural lending, crop management and statewide youth leadership programs. **73 from Butler County** received education from workshops through campus, out-state Missouri or worldwide participation. muconf.missouri.edu

In FY 2017, **Fire and Rescue Training Institute (MU FRTI)** celebrated 85 years providing comprehensive professional education and training to Missouri's fire service and emergency response personnel. **9 participants from Butler County** trained with 11,319 firefighters and emergency responders from 932 departments, organizations and agencies throughout all 114 Missouri counties. Training prepared firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation. mufrti.org

Law Enforcement Training Institute (LETI) provides training and education for Missouri's 17,000 personnel and police recruits, to community and civic groups, as well as collaborative programs with agencies from 31 states. In FY 2017, LETI reached nearly 2,000 police and emergency responders. With MU's Human Environmental Sciences department, LETI piloted Taking Care of You and Mental Health First Aid for Law Enforcement, helping participants better understand mental illness and how it impacts their work. Other programs include advanced animal cruelty investigations training and armed intruder and personal safety response. Students receive over 700 hours of basic training and certification. **7 from Butler County** were educated. leti.missouri.edu

The **Missouri Training Institute (MTI)** provides continuing education, customized training and consulting services for business, industry, public, nonprofit and educational organizations and institutions. In 2017, 10,630 people enrolled in the institute's 371 programs covering diverse business practices, such as human resource management, team building, decision-making, strategic planning and leadership, a benefit to **22 participants in Butler County**. mti.missouri.edu

Nursing Outreach serves mainly rural health-care workers with high-quality, affordable continuing education programs using face-to-face and online delivery methods; 92 percent live outside the St. Louis and Kansas City metro areas. In FY 2017, nurses from 77 Missouri counties and the city of St. Louis attended continuing education programs with another 867 nurses and 1,986



Randal Huddleston provides information to grandparents and relatives on cyber bullying during the grandparents monthly meeting.

Butler County



UM System Footprint in the County in 2017

Students

94 County students

- 75 Undergraduates
- 19 Graduates
- 84 Full-time students
- 10 Part-time students
- 21 Pell grant recipients (aid year '17)

Employees and retirees

11 people employed by UM

- 11 Campus

11 UM retirees and beneficiaries

UM salary and retirement income: \$438,012

UM state tax revenue: \$9,954

UM federal tax revenue: \$52,334

Alumni

Selected school alumni

- 33 - Medicine
- 32 - Nursing
- 17 - Health Professions
- 13 - Dentistry
- 15 - Pharmacy
- 4 - Optometry
- 3 - Veterinary Medicine
- 26 - Agriculture
- 57 - Engineering
- 35 - Law

Alumni teaching K-12

- 16 teachers
- 3% of all county teachers
- 2 principals and administrators
- 10% of all county principals and administrators

Breakdown by campus

MU

- 56 students
- 337 alumni
- 11 employees

UMKC

- 16 students
- 61 alumni
- 0 employees

Missouri S&T

- 16 students
- 52 alumni
- 0 employees

UMSL

- 6 students
- 49 alumni
- 0 employees



County population: 42,951

Services provided

Health care

- 63 patients seen at UM Health Care, with \$16,426 of uncompensated care
- 1 patient seen at the UMSL Center for Eye Care with an average of \$52 per patient in uncompensated care
- 2 patients seen at the UMKC School of Dentistry with an average of \$54 per patient in uncompensated care

Extension

- 43,213 total educational contacts from MU Extension to residents of county, including:
 - 23,837 contacts related to productive farming, better gardening, and managing natural resources
 - 18,916 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
 - 460 contacts related to starting businesses, developing community leaders, or renewing the local economy

Properties and offices

MU Extension in: Butler 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

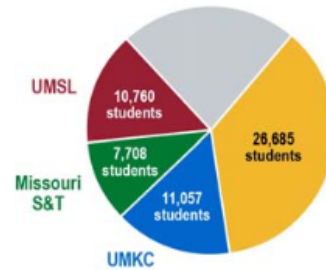


Agriculture and natural resource programs served **94,830** farmers and related businesses



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.

Prepared in December 2017, 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 (OSED) • 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



2017

Extending our resources to county residents

University of Missouri Extension in Butler County directly helped **11,286** adult and youth in 2017. Education was provided and questions answered during topic specific programs, face-to-face office contacts, through phone calls, in classes and in the field. In addition over **17,167** indirect adult and youth contacts were made during short presentations, through organizations or group discussions, during fairs and via email or on the web.

Over 145 pages of tax information printed for the general public who stop by the office or are referred by the library or post office.

Articles published in The Daily American Republic impact over 15,000 lives.

Garden Spade and MO Ag Newsletter reaches over 1500 residents in the region.

The 4-H Newsletter reaches over 104 families.

Over 6000 reached through agriculture and natural resources exposition.

Missouri Department of Conservation books are available to residents for resale.

Find us on Facebook at www.facebook.com/butlercoextension or www.facebook.com/ButlerCounty4H/ and on our webpage at <http://extension.missouri.edu/butler>

University of Missouri Extension Office in Butler County watches the eclipse safely.



UNIVERSITY OF MISSOURI
 Extension