



UNIVERSITY OF MISSOURI EXTENSION

Scotland County

2018 ANNUAL REPORT

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

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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

January 31, 2019

Dear Commissioners and Citizens:

This annual report of the Scotland County University Extension Council is a summary of educational programs and activities of the University Extension, which is a part of the University of Missouri system. In addition to educational programs, we offer locally, our office provides a place to link to resources from around the state and nation. We also offer many services including soil, feed and hay testing, insect and plant identification, and a wealth of publications, to name a few. Through programs in 4-H, youth, agriculture, human environmental sciences, community development, business development and continuing education, one of our aims is to make Scotland County a better place to live and work. We think our annual report indicates we are accomplishing that goal.

Our faculty have been involved in many different programs including youth development, community economic development, local government, non-profit development, and leadership development among others. We had a very successful fundraising year spearheaded by our “Christmas Music Show,” which is an annual event in its fourth year.

On behalf of the faculty and staff of University of Missouri Extension, it is an honor to extend the educational resources of the nationwide Land Grant University System to the citizens of our county. We salute the many volunteers, community leaders, extension council members, and staff who have all given of their time and talents to make this a successful year. We hope you will take the time to learn more about educational programs that the University of Missouri Extension in Scotland County provides in the future. Please visit us on the web at <http://extension.missouri.edu/scotland> to find more information. We had many new challenges in 2018 but have strong and dedicated council members as well as staff that has gotten us through.

We look forward to 2019 and the many challenges we will face.

Sincerely,

Bruce Childress

Chair, Scotland County Extension

Who we are

Scotland County faculty and staff

Lisa Doster

County Engagement Specialist in
Community Economic Development

Kristy Eggleston-Wood

Youth Program Associate (YPA)

Carol Shoemaker

Office Manager

Scotland County Extension
Council

Bruce Childress, Chair

William Reckenberg, Vice
Chair

Tasha Eggleston-Wood,
Treasurer

Nancy McClamroch,
Secretary

Laurie Jack

Matt Shoemaker

Kim Smith

Sharon Bradley

Joanie Baker

Heliene Tobler

Dawn Triplett

David Wiggins

Staff serving Scotland County,
(based in other counties)

Karisha Devlin

Field Specialist in Agricultural
Business

Katie Hogan

County Engagement Specialist
in 4-H Youth Development

Brenda Schreck

County Engagement Specialist
in Livestock & 4-H Youth
Development

Zac Erwin

Field Specialist in Livestock

Jennifer Schutter

Field Specialist in Horticulture

Sherry Nelson

Field Specialist in Human
Development

Kent Shannon

Field Specialist in Agricultural
Engineering

Mary Smyser

Regional Coordinator FNP

Wendy Atterberg

Nutrition Program Associate

Scotland County Commissioners

Duane Ebling

Presiding Commissioner

Danette Clatt

Eastern District

David Wiggins

Western District

2018 Scotland County University of
Missouri Extension Council
operating budget

Income

County Appropriations \$16,933.00

Re-Sale/Education 500.00

Gifts/Grants/Fundraisers 1,400.00

Miscellaneous 3,800.00

Total Income \$22,633.00

Expenses

Salaries & Wages \$16,354.00

Travel 1,300.00

Supplies/Services 2,000.00

Communications 1,800.00

Insurance 100.00

Equipment/Repairs 400.00

Other 379.00

Postage 300.00

Total Expense \$22,633.00

State legislators

Cindy O'Laughlin

Senator

Greg Sharpe

House Representative

About us

Location:

117 S. Market Street, Suite 105
Memphis, MO 63555

Hours:

8:30 am – 12:30 pm
1:00 pm – 3:30 pm

Contact info:

660-465-7255
scotlandco@missouri.edu

Program Area - Community Development

Community Economic Development-Data for Decision Makers

Chris Kempke

Number of Scotland County residents served	21 Scotland County participants
Total Hours of Collective Workshop Participation in 2018	31 total hours of workshop
What Did They Learn?	Participants were presented a demographic and economic profile of the county. In the form of maps, graphs and charts, participants learned their county's population change, age, vital statistics, migration patterns, educational attainment, Household makeup, and Community Housing stock makeup. Participants were also given instruction on how different policies and current events would affect a county with their economic profile.
What Action Did They Take?	Regional Planning officials and community leaders involved in the workshop will use what they learned to make more informed policy decisions, whether it's within the government, nonprofit, or private sectors.
How Does This Work Make Scotland County and Missouri Better?	When Regional Planning officials and local leaders use data to make more informed policy decisions, The result is better outcomes for the whole community. More informed decision making at the local level creates positive impacts beyond a single community. Collectively, the positive outcomes from informed decision making over time and from many different communities improves the economy and quality of life throughout the state.

Local Government – Election Volunteer Training

Chris Kempke

Number of Scotland County residents served	28 Scotland County participants
Total Hours of Collective Workshop Participation in 2018	21 total hours of workshop
What Did They Learn?	Participants were instructed on all pertinent state election laws. The election laws the curriculum covered are mandated by the state. In order to assist volunteers in retaining the information, they were quizzed in the style of the popular game show "Family Feud"; participants were divided up into two teams, competed to "play" a round, and were allowed to play until they had three incorrect answers.
What Action Did They Take?	Participants successfully worked the 2018 primary elections.
How Does This Work Make Scotland County and Missouri Better?	Election volunteers are a foundational part of the democratic process. Ensuring that they are trained on the complex laws and regulations surrounding elections means they run smoother and protect the integrity of the election process.

Program Area – 4-H Youth Development

Community 4-H Clubs, Kristy Eggleston-Wood

Number of Scotland County residents served	<p>129 members in the traditional club program, with 117 4-H members were engaged in science related projects and experiences. One of every five Scotland County youth under the age of eighteen participated in a MU Extension 4-H Youth Development program in 2018.</p> <p>53 screened and oriented adult volunteers supported the Scotland County 4-H program.</p>
Total Hours of Collective Workshop Participation in 2018	<p>Over 1,548 hours of community club work and over 680 hours of community service projects in Scotland County.</p> <p>Volunteers contributed 5300 hours to the Scotland County 4-H program valued at \$127,942</p>
What Did They Learn?	<p>Scotland County serves youth through three organized clubs offering long-term educational experiences in which members learn life skills such as decision making, public speaking, and working with others. 4-H members have demonstrated learning through the following activities:</p> <ul style="list-style-type: none"> • Show-Me Quality Assurance (SMQA) training- thirty participants • Regional 4-H Expo- five participants • State 4-H Teen Conference- eight participants • Achievement Night- forty-two participants • Thirty-three exhibits at the Missouri State Fair • Recognition- seventeen members completed state level recognition forms • 1023 fair exhibits from 118 exhibitors. • One youth participating in 4-H Camp • Two youth participating in State Poultry Day <p>Volunteers gained knowledge in how to offer a valuable learning experience for the youth they are working with.</p>
What Action Did They Take?	<p>Scotland 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 under the guidance of adult volunteers who teach projects ranging from computer science and arts to animal science and healthy living. Clubs also involve children and teens in community service, leadership opportunities and educational trips. 4-H project work and related educational experiences help youth explore interests in citizenship, communication and leadership.</p> <p>Scotland County members enrolled in a total of 518 projects in 2018. The top project areas included: woodworking, beef, swine, photography, arts/crafts, poultry, sheep, cloverkids, meat goats, shotgun, archery, and foods.</p> <p>Dedicated volunteers help to organize club meetings, fundraisers, and events.</p>
How Does This Work Make Scotland County and Missouri Better?	<p>4-H members are twice as likely to go to college compared to their non 4-H peers and they tend to pursue careers in STEM fields (Lerner & Lerner, 2011). In 2018, Missouri 4-H connected 4,818 young people to University of Missouri campuses. Youth who earn a bachelor's degree increase annual earnings by \$2 million over their lifetime (U.S. News and World Report, 2011). If 50% of the Scotland County youth participating in 4-H events on a college campus receive a Bachelor's degree, 4-H would help young people acquire \$9 million more in lifetime earnings. 4-H also prepares youth for the workplace. 4-H is the only youth development program with direct access to technological advances from the university system.</p>

4-H School Enrichment - Embryology

Kristy Eggleston-Wood

Number of Scotland County residents served	81 students from 5 classrooms
Total Hours of Collective Workshop Participation in 2018	580 hours of learning with the “Chick It Out” program
What Did They Learn?	<p>Students learn about the 21 day development occurring within a fertilized, incubated egg that can result in a chick.</p> <p>Students identify the parts of an egg and discover what each part provides for the developing chick.</p> <p>Students learn how to tell if an egg is raw or boiled and explore the strength of the egg’s shell providing protection to the developing chicks.</p> <p>Students review the necessity of hand washing due to potential contamination caused by salmonella in poultry and poultry products.</p> <p>Students often gain experience with death and disabilities.</p>
What Action Did They Take?	<p>Students are charged with rotating the eggs three times a day and are responsible for checking to make sure the incubator has water and is maintaining the correct 100 degree temperature.</p> <p>Students care for the chicks once they hatch providing feed, water, warmth, and a calm environment.</p> <p>Students practice proper hand washing techniques.</p>
How Does This Work Make Scotland County and Missouri Better?	<p>Students practice life skills including decision making and responsibility, helping them to develop qualities that will shape their development into adults.</p> <p>Students are provided with the opportunity for a practical experience that connects with the core subjects of communication arts, math, science, and health.</p> <p>Interest and hands on experience with science are more likely to pursue science-related careers, which are critical to our county, state, national and global economy.</p> <p>Students are conscious of the need to practice proper hand washing techniques to prevent the spread of illness and disease.</p> <p>Students learn compassion and develop an understanding of how to accept individuals with disabilities, as well as how disabilities can be compensated for.</p>

In 2018, Missouri 4-H Youth Specialists joined together to survey 4-Hers from across the state. Here is what they found:

Missouri 4-H

Develops Leadership	Builds Initiative	Builds Connections for a Bright Future
<ul style="list-style-type: none"> 81% of the Missouri 4-H'ers surveyed said they find it easy to speak up in a group. 89% reported feeling comfortable being a leader 95% said 4-H is a place where they get to help make group decisions. 95% said 4-H is a place where you have a chance to be a leader. 97% said 4-H is a place where you learn about ways to help your community. 	<ul style="list-style-type: none"> 92% of Missouri 4-H'ers surveyed said they are willing to try something they might get wrong. 93% said they keep trying until they reach their goals. 97% said they try to learn from their mistakes. 98% said they are willing to work hard on something difficult. 99% reported that they like to learn new things. 	<ul style="list-style-type: none"> 92% said they like to learn about people who are different from them, and get along. 93% said they think about others feelings before they say something. 93% say they think about how their choices affect others. 97% said they treat others the way they want to be treated. 98% said they show respect for others ideas.

References:

Arnold, M., Bourdeau, V., & Nott, B. (2013). Measuring science inquiry skills in youth development programs: The Science Process Skills Inventory, *Journal of Youth Development*, 8(1).

Dalton, R., & St. John, E. (2016). *College for every student: A practitioner's guide to building college and career readiness*. New York, NY: Routledge.

Independent Sector (2017). Independent sector releases new value of volunteer time of \$24.14 per hour. Retrieved from <http://independentsector.org/news-post/value-volunteer-time/>.

Lerner, R.M., Lerner, J.V. (2011). The positive development of youth: Report of the findings from the first seven years of the *4-H Study of Positive Youth Development*. Retrieved from <http://www.4-h.org/about/youth-development-research/>.

U.S. News and World Report (2011). How Higher Education Affects Lifetime Salary. Retrieved from <https://www.usnews.com/education/best-colleges/articles/2011/08/05/how-higher-education-affects-lifetime-salary>.

Program Area – Agricultural Business

Missouri Farm Leases

Karisha Devlin, Darla Campbell, Joe Koenen, and Mary Sobba

Number of Scotland County residents served	75 people participated in this statewide program including: <ul style="list-style-type: none"> • 1 participant from Scotland County
Total Hours of Collective Workshop Participation in 2018	187 hours total (75 x 2.5 hours)
What Did They Learn?	Attendees learned the value of good communication and how it can make for a better farm lease. Topics included current farmland rental rates and future trends, specific items to include in a farm lease, how to legally terminate a farm lease in Missouri, recreational leases and crop and livestock arrangements.
What Action Did They Take?	As a result of taking the class: <ul style="list-style-type: none"> - 100% know the correct way to terminate a farm lease - 82% of attendees know where to go for more information or assistance with their farm lease - 93% of those that attended have a better idea of fair rental rates in their area of the state
How Does This Work Make Scotland County and Missouri Better?	Participants gain insight from both the landowner and tenant perspective, cumulating in leases that are fair for both parties. This promotes optimal land use leading to more sustainable profitability. The class encourages better landlord-tenant communication which lowers conflict and avoids costly litigation.

You're Farm, Your Business, Your Future

Joe Koenen, Darla Campbell, & Chris Kempke

Number of Scotland County residents served	A total of 17 participants, 1 was from Scotland County
Total Hours of Collective Workshop Participation in 2018	9
What Did They Learn?	<p>Class participants learned about:</p> <ul style="list-style-type: none"> • Writing business goals and mission statements • Effective communication techniques • Dealing with conflict • Understanding generational differences • Succession planning • Estate planning • Retirement planning
What Action Did They Take?	<p>Attendees will review how their property is titled.</p> <p>They will use POD and TOD when possible to transfer their assets.</p> <p>They will discuss their estate and succession plan with their heirs.</p> <p>They will encourage their children and grandchildren to start saving for retirement.</p>
How Does This Work Make [insert] County and Missouri Better?	<p>When you support MU Extension's Your Farm, Your Business, Your Future program, you prepare families to better understand how to transfer the farm or business, protect the estate's assets, and communicate more effectively with professional advisors and heirs..</p> <p>This helps foster family communication and avoid costly litigation and aids in the continuation of the farm business.</p> <p>If families save 6 hours of legal time the value of this class is \$900. (1 participant total from this county x \$150/hour x 6 hours).</p>

Ag Lenders' Seminar

Karisha Devlin, Joe Koenen, Darla Campbell, & Mary Sobba

Number of Scotland County residents served	<p>A total of 95 lenders and 45 producers attended from 30 Missouri counties, plus Kansas and Iowa at the Kirksville, Hannibal, and Mexico locations.</p> <p>4 individuals attended from Scotland County.</p>
Total Hours of Collective Workshop Participation in 2018	<p>22 hours (5.5 hours x number of county participants)</p> <p>770 hours total for all lenders and producers</p>
What Did They Learn?	<p>Topics for the three seminars varied some by location but included: Macro Economics, Land Values and Rental Rates, Crop & Livestock Outlook, Update on Taxes, Marketing Strategies, Data for Decision Makers, and Positioning for Success in the Economic Reset.</p> <p>Lenders received the 2019 Missouri Farm Financial Outlook book, which included budgets for all major crop and livestock enterprises in the state.</p>
What Action Did They Take?	<p>Lenders will help their agricultural customers use the information and tools obtained at the seminars. Specific actions include using:</p> <p>Budgets; Crop & Livestock Outlook; Rental Rates and Land Values; Tax update, Economic Outlook, and Marketing strategies.</p>
How Does This Work Make Scotland County and Missouri Better?	<p>The lenders in attendance manage 4,285 loans totaling \$972,850,000. By attending University of Missouri's Agricultural Lenders' seminars, lenders are able to help their clients make better decisions based on risk management tools, budgets, and other resources provided. This benefits their portfolio of producers and landowners by an increased understanding of enterprise budgets and cash flow affecting families' and businesses' financial health. This is especially important with the downturn in the agricultural economy as both crop and livestock producers expect lower incomes, continued high input costs, challenging marketing decisions, and a new Farm Bill.</p>

Program Area - Livestock

Missouri Livestock Symposium

Zac Erwin

Number of Scotland County residents served	613 people attended this event, 65 were from Scotland County.
Total Hours of Collective Workshop Participation in 2018	3,425 hours
What Did They Learn?	<p>The Missouri Livestock Symposium is an annual educational program and trade show that attracts participants from throughout Missouri and beyond. It is recognized nationally as an outstanding program that targets agricultural producers and landowners.</p> <p>Curricula includes workshops led by nationally known speakers in the areas of horses, beef, sheep, stock dogs, meat goats, forages, around the home, small poultry production and farm continuation planning.</p> <p>Comments:</p> <p>“Interesting speakers and able to reach a group that without the symposium we would not be able to meet”</p> <p>“Great event highlighting livestock production and ag”</p>
How Does This Work Make [insert] County and Missouri Better?	<p>Public funding helps support the Missouri Livestock Symposium with objectives to provide educational opportunities for livestock producers and landowners representing all species of livestock, forages, and renewable resources and to promote the adoption of best management practices that are economically and environmentally beneficial.</p> <p>The producer benefits from this program by being better able to manage their livestock and their financial resources. Financially successful producers provide a basis for successful communities.</p> <p>Missourian’s benefit by keeping farm and ranch families in rural communities and improved natural resource stewardship.</p>

Program Area – Agronomy

Education Plus Diagnostic Services for Farm Success

Max Glover

Number of Scotland County residents served	<p>Over 150 Scotland County participants that include:</p> <ul style="list-style-type: none"> • Soil test customers • Plant and insect identification and diagnosis customers • Cooperators with the United States Department of Agriculture and Missouri Department of Conservation • Telephone and email requests for publications and questions • Private Pesticide Applicator Training certification recipients
Total Hours of Collective Workshop Participation in 2018	Over 200 hours of learning by Scotland County residents.
What Did They Learn?	<p>Evaluation of the various programs shows that participants learn:</p> <ul style="list-style-type: none"> • Pest identification • Soil fertility management to increase fertilizer efficiency and protect the environment • Pesticide application laws and best practices to safely and effectively apply pesticides deemed by the US EPA as restricted use in order to increase efficiency, reduce human health risks, and improve drinking water quality and wildlife habitat
What Action Did They Take?	<ul style="list-style-type: none"> • Used the safest and most efficient method to control the pest identified • Managed fertilizer applications to row crop fields to maximize return per acre while minimizing loss of fertilizer to the environment • Applied restricted use pesticides using techniques and equipment that minimize human health risks and negative environmental impacts while providing effective pest control
How Does This Work Make Scotland County and Missouri Better?	<p>By utilizing research proven best practices on their farms citizens of Scotland County improve their local economy. Regardless of whether research proven best practices are used to produce forage for a nearby herd or corn and soybeans marketed globally, there are clear benefits to increasing efficiency, productivity, and safety. Current and future generations benefit when research proven best practices are used and result in improved productivity and reduced negative environmental impacts.</p>

Program Area - Horticulture

Master Gardener

Jennifer Schutter

Number of Scotland County residents served	3 Master Gardeners
Total Hours of Collective Workshop Participation in 2018	96 total hours: 21 education hours and 75 service hours, which has a value \$1,851.75 using the value of \$24.69 per hour from the Independent Sector.
What Did They Learn?	Master Gardeners continually learn about vegetable production, plant selection for landscapes, plant diseases and disorders, insect and weed identification and control and integrated pest management strategies.
What Action Did They Take?	<p>Master Gardeners provided service to their community by planting planters at the Senior Center and Presbyterian church in Memphis; watering and maintaining planters at those locations throughout the summer; they selected and planted flowers for nine planters around the Scotland courthouse and watered and maintained them throughout the summer. In Rutledge MGs cleaned and planted flower beds at the New Testament Church. One MG served as the horticulture judge for 4-H and FFA at Scotland County Fair. An MG met with a group of people to show them the City of Memphis yard waste compost pile. This MG is teaching landowners about plants to keep out of woodlands like invasive honeysuckle.</p> <p>Producers implemented these practices into their operations. They direct sold products and marketed them at farmers' markets.</p> <p>Readers use the information in the newsletter and apply it to their own gardens, community beautification projects and when helping others.</p> <p>Participants applied proper pruning techniques when pruning their trees and trees in their community.</p>
How Does This Work Make Scotland County and Missouri Better?	When you support MU Extension's Master Gardener program public awareness of unbiased, research based gardening information is promoted and increased. The Scotland County Master Gardeners assist with community beautification projects and by helping to disseminate research based information to the gardening public.

Missouri Grown – Growing and Selling Local Foods Workshop

Tree Pruning Workshop

Garden Talk Newsletter

Jennifer Schutter

Number of Scotland County residents served	34 Scotland County participants
Total Hours of Collective Workshop Participation in 2018	18 hours
What Did They Learn?	<p>Participants learned the business, management, production, marketing and food safety and regulations for growing and selling local foods.</p> <p>Participants learned how to properly prune ornamental and fruit trees, using the proper tools and pruning at the right time of the year.</p> <p>Readers are informed of timely gardening practices and production methods, new varieties, planting methods, plant diseases and insects, monthly gardening tips and upcoming horticulture events.</p>
What Action Did They Take?	<p>Producers implemented these practices into their operations. They direct sold products and marketed them at farmers' markets.</p> <p>Participants applied proper pruning techniques when pruning their trees and trees in their community.</p> <p>Readers use the information in the newsletter and apply it to their own gardens, community beautification projects and when helping others.</p>
How Does This Work Make Scotland County and Missouri Better?	<p>When you support University of Missouri Extension's Missouri Grown program, small scale producers and commercial growers are provided with unbiased and research-based information to make better decisions which will help them be successful with production and selling horticultural products.</p> <p>By supporting MU Extension's Home Horticulture program, citizens receive high quality horticultural information that is unbiased and research-based.</p>

Program Area - Business Development

Business Counseling & Training – Creating Stronger Businesses and Communities

Charles Holland

Number of Scotland County residents served	<p>40 Scotland County Clients/Companies Receiving Business Counseling</p> <p>21 Training Event Attendees</p> <p>7 New Businesses Starts</p> <p>40 Jobs Created</p> <p>Sales Increase - \$950,000.00</p> <p>Total Capitalization - \$1,099,000.00</p> <p>Acquired Assets - \$450,000.00</p>
What Did They Learn?	<p>Business Development Program Specialist and business counselors with MU extension, Missouri Small Business & Technology Development Centers (MO SBTDC), counsel people and their companies with start-up and management counseling, training and other assistance.</p>
How Does This Work Make Scotland County and Missouri Better?	<p>As Entrepreneur's and innovators, Missouri's small businesses are becoming a more diverse group that continues to make the state's economy productive. There are approximately 500,000 small businesses in Missouri. Nearly 98 per cent of all businesses with employees are categorized as small businesses. In assisting owners and managers of those businesses, MU Extension contributes to a county's economic development through growth in jobs, sales, innovation, technology development and commercialization. Training and business counseling result in businesses making better financial and management decision leading to stronger businesses and a stable business community. Procurement Technical Assistance Center assists businesses- including small, disadvantaged and women owned firms in obtaining federal, state and local government contracts. MO PTAC specialists have years of experience helping identifying opportunities and understanding the contracting process so small businesses can take advantage of government sales dollars.</p>

Program Area -Family Nutrition Program (FNP)

Wendy Atterberg, Nutrition Program Associate

Number of Scotland County residents served	<p>Reached 449 County participants directly, and 238 indirectly with information on:</p> <ul style="list-style-type: none"> • Nutrition • Food safety • Physical activity for lifelong health and fitness
Total Hours of Collective Workshop Participation in 2018	1238 collective workshop hours
What Did They Learn?	<p>Youth from Pre-school to 8th grade learned through kid-friendly, hands-on lessons and activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults also includes nutrition, food safety, and physical activity, as well as food resource management.</p>
What Action Did They Take?	<p>Nutrition Program Associates (NPA's) go into schools and other grant eligible locations and interact with community members to help them make healthier choices and build healthy habits. They see the difference the program makes in people's lives.</p>
How Does This Work Make [insert] County and Missouri Better?	<p>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. 687 of these participants reside in Scotland County.</p>

MU Extension Continuing Education

The MU Conference Office provides high-quality, professional, full-service meeting management for a variety of noncredit educational programs, such as conferences, workshops, seminars and symposia. Whether a meeting is hosted on campus, in out-state Missouri or anywhere in the world, the office's professional staff provides assistance to create the best learning environment for participants. In FY 2018, more than 20,000 Missourians registered to attend conferences, where university knowledge and research across disciplines was shared. <http://muconf.missouri.edu/>

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>

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>

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>

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/>

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>

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>

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>

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
MU Conference Office				
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		
Conference Office Totals	64	20,117	1,079	1,207.0
TOTALS	2,907	72,581	18,823	2,307.7

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
TOTALS	899,162	846,530	1,745,692

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.