The Mississippi County Extension Council thanks the County Commission for their financial support in 2018. County Commissioners were Carlin Bennett (presiding), Mitch Pullen, and Darrell Jones.

ANNUAL REPORT
MISSISSIPPI COUNTY UNIVERSITY EXTENSION COUNCIL

2018
Our Mission...
To extend the educational resources and knowledge base of the University of Missouri to the people of Scott County

109 N. First Street
Charleston MO 63834

573-683-6129

University Extension does not discriminate on the basis of race, color, national origin, sex, religion, age, disability or status as a Vietnam era veteran in employment or programs.
The Mission of MU Extension 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
Our Mission...

In Mississippi County our Mission is...
To extend the educational resources and research knowledge of the University of Missouri to the people of Mississippi County

109 N. 1st St.
Charleston, MO 63834
573-683-6129
email: Mississippico@missouri.edu
website: extension.missouri.edu/mississippi

Mississippi County Extension Council
The Mississippi County Extension Council consists of dedicated volunteers who meet seven times a year. The Council helps determine the programs that best meet the needs of Mississippi County citizens, approves personnel headquartered in the county, and supervises funds from the Mississippi County Commission which pay for secretarial assistance and maintain the Extension Center.

2018 OFFICERS
Sarah Dugan, chairperson
Justin Drinkwater, vice-chair
Cade Coon, treasurer
Lindsay Burke, secretary

ELECTED MEMBERS
Natalie Brewer             Sarah Dugan
Lindsay Burke             Britton Ferrell
Cade Coon                  Travis McCann
Justin Drinkwater         Cole Reichert
Bryan Dugan               Ryan Rolwing

APPOINTED MEMBERS
Carlin Bennett, Mississippi County Commission
Bryan Feezor, Farm Bureau
Brent Peters, Delta Growers Association
Extension Staff

MISSISSIPPI COUNTY BASED STAFF
David Reinbott, Agriculture Business Specialist/CPD
Mary Engram, Human Development Specialist
Barbara Ann Cleaves, FNEP Nutrition Assistant
Paula Cates, FNEP Nutrition Assistant
Gail Pang, Office Manager

ADMINISTRATIVE SUPPORT
Sarah Denkler, Regional Director
Nancy Keim, FNEP Supervisor

AGRICULTURE/HORTICULTURE RESOURCES
Anthony Ohmes, Agronomy Specialist
Donna Aufdenberg, Horticulture
    Jeff House, Agronomy
Travis Jones, Agronomy
Mike Milam, Agronomy
Erin Larimore - Livestock
David Reinbott, Agriculture Business

YOUTH DEVELOPMENT
Kristi Baker - 4-H Youth Specialist/CES

HUMAN ENVIRONMENTAL SCIENCES (HES)
Maude Harris, Nutrition/Health Education/CES
Rebecca Blocker, Housing and Environmental Design

COMMUNITY AND BUSINESS DEVELOPMENT
Denae Gitonga, Community Development
Richard Proffer, Business Development

University of Missouri Extension provides equal opportunity to all participants in extension programs and activities, and for all employees and applicants for employment on the basis of their demonstrated ability and competence without discrimination on the basis of race, color, national origin, ancestry, religion, sex, sexual orientation, gender identity, gender expression, age, genetic information, disability, or protected veteran status.
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,

Marshall Stewart

University of Missouri, Lincoln University, U.S. Department of Agriculture and Local Extension Councils Cooperating
EQUAL OPPORTUNITY/ADA INSTITUTIONS
A program that started in 2013 was continued in 2018. The Marriage Garden is an effort to provide relationship education to newly married couples. It is a self-study packet given to each couple requesting a marriage license in Mississippi County. The course focuses on commitment, communication and community. Over 100 packets were distributed from January – December 2018.

Caregivers/Kinship Care Regional Conference
In the fall of 2018, two regional conferences were held for grandparents who are raising grandchildren and other relative caregivers. The locations were Hayti and Poplar Bluff. Numerous educational sessions were available for participants. Participants attended from southeast Missouri counties including Mississippi County.

Multi-County Women’s Health Conference
For the 15th year a multi-county conference on women’s health was held in Sikeston with over 150 participants attending from the surrounding counties, including Mississippi County. The goals of the conference are to provide health and educational information to the participants with keynote speakers, individual breakout sessions, and vendors representing services in the area. The conference includes breakfast and lunch and was free to the participants.

Boost Your Brain and Memory
The East Prairie Nutrition Center was the location for the Boost Your Brain and Memory class. Twenty-two people attended the program which uses a whole-person approach to help participants form new habits to live a healthier lifestyle, remember things better, be more organized, pay closer attention and regulate emotions.

Youth Mental Health First Aid
In 2018, the 8-hour youth Mental Health First Aid class was taught to Scott/Mississippi county Foster Parents, Mental health First Aid teaches how to provide the initial help to someone who may be becoming ill or in crisis until professional help can arrive.

Mental Health First Aid
In July and October, 2018, the 8-hour Adult Mental Health First Aid class was taught to DAEOC staff in Portageville and Mers Goodwill staff in Poplar Bluff. Both agencies serve citizens in Mississippi County. Mental Health First Aid teaches how to provide the initial help to someone who may be becoming ill or in crisis until professional help can arrive.

Briefings Newsletter
A quarterly newsletter distributed in SE Missouri that provided up to date articles focused on nutrition and health, family finances, family relationships and gardening.

Skillup
SkillUp is Missouri’s Employment and Training program for Food Stamp recipients. MU SkillUp Missouri Offers participants career assessment, job search assistance, financial job readiness and life skills classes, vocational and technical training, work and transportation –related support services. In SE Missouri, life skills/soft skills classes were offered in Charleston, Sikeston, Kennett and Cape Girardeau.
15th Annual Multi-County Women's Health Conference
The 15th Annual Multi-County Women's Health Conference is a one-day conference led by University of Missouri Extension Specialists and collaborating agencies, who meet at least once per month, beginning in January, until the month of the conference. The purpose of the conference is to provide health and educational information to the women of Scott, Stoddard, Mississippi, New Madrid, Pemiscot, Dunklin, Butler, Cape Girardeau, and surrounding counties.

Cooking Matters at the Store
During a Cooking Matters at the Store tour, participants learn and practice skills that help them understand how to purchase fruits and vegetables on a budget, save money by comparing unit prices, and make healthier choices by reading food labels and ingredient lists. A short survey is completed at the end of each tour and upon its completion; participants received a $10 gift card to the store sponsoring the tour. Dr. Maude Harris teamed up with Nutrition Program Assistants, Barbara Cleaves and Paula Cates to deliver the program.

Cooking Matters for Kids:  Cooking Matters for Kids teaches children in third grade through fifth grade how to prepare healthy meals and snacks and make smart choices wherever they are. Many participants find that trying new, healthy foods can be a positive experience.

Cooking Matters for Adults:  Cooking Matters for Adults teaches low-income adults (primarily adults with children) how to prepare and shop sensibly for healthy meals on a limited budget.

The Cooking Matters participants’ evaluation data shows that significant lifestyle changes occur during the participants’ enrollment, thereby strengthening the evidence of Cooking Matters impact.

Contacts for Mississippi County residents in calendar year 2018 totaled 115. This includes attendance at educational events and one-on-one consultations.
**MISSISSIPPI COUNTY**

Barbara Ann Cleaves and Paula Cates  
Nutrition Program Associate

<table>
<thead>
<tr>
<th>Number of Scott County Learners</th>
<th>Total Hours of Collective Workshop Participation in 2018</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Scott County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Missouri Extension’s Family Nutrition Program (FNP) reached a total of 7,696 participants. Of that number; 3,271 were direct and 4,425 indirect nutrition education in Mississippi County during 2018. 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.</td>
<td>5,772 collective workshop hours</td>
<td>Youth from Preschool to 12th 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 included nutrition, food safety, and physical activity, as well as food resource management.</td>
<td>Nutrition Program Associates (NPA’s) teach in schools and other grant eligible locations in the county to help them make healthier choices and build healthy habits. Also, through indirect teaching as well as health fairs or other one time workshops, they impact many people that they are unable to actually see in a classroom setting.</td>
<td>FNP Public Value Statement 2018 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. 7696 of these participants reside in Mississippi County. Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase their physical activity and in general make healthier food choices. 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.</td>
</tr>
</tbody>
</table>

**Photos for Mississippi County:**
I was teaching the Eating Smart Being Active adult curriculum. We were on the lesson *Plan, Shop, Save* at a parenting class in New Madrid. The parents were interested in learning about how to save on their grocery bills. We used a local grocery ad compared prices, unit pricing, couponing technique. The participants commented on what a wonderful way to save money.
Submitted by: Paula Cates

I started teaching Eating from the Garden Curriculum this spring at Bowden Center. There were 20 student involved with the garden. The kids learned about the maintenance, reading seed package, and what month to plant. All the kids were able to take fresh vegetable lettuce, okra, cucumber, watermelon, and tomatoes home. Some of the student share how they enjoy making snacks and fresh salad. Two of the parents discuss how their child was a very picky eater. Taking home his own vegetables and eating them was a big change.
Submitted by: Barbara Ann Cleaves
Agriculture

Most farmers in the county are reached by MU Extension programs, whether by newspaper articles, direct mail and email, pesticide certification training, soil testing, meetings or one-on-one consultation. Extension also reaches many home gardeners as well as commercial horticulture producers.

Anthony Ohnes

Regional Agronomy Specialist

Missouri Row Crop, Forage and Pest Management

University of Missouri Extension provided research-based education to producers, government agencies, and ag industry professionals throughout southeast Missouri in 2018. Mississippi County citizens received educational information to help improve their farms, lawns and gardens. In 2018, over 400 Mississippi County citizens were reached through regional events, one-on-one consultation, and/or electronic and published communication. Some direct events included the regional commodity meetings for soybean, corn and rice. Consultants and producers also attended the crop advisor meeting as well as a summer scouting workshop. Home gardeners were reached through one-on-one consultation and indirectly through correspondence. Over 45 grade school youth learned about soil and water stewardship and entomology at the annual SOLAR day.

Soil Testing Consultation

University of Missouri soil lab tested 96 samples from Mississippi County on agronomic crops, which include corn, soybean, wheat, pasture, hay, and wildlife food plots and home horticulture. Consultation is provided to producers specific to their soil test results for these particular crops either face-to-face, written correspondence or electronic communication via email or phone.

Private Applicator Training

University of Missouri Extension provided research-based information in the areas of Integrated Pest Management (IPM), environmental stewardship, and pesticide safety training to private applicators in Mississippi County. This education program helps applicators and handlers of pesticides make informed decisions that are both economically and environmentally sound. This program was presented multiple times over the season reaching 47 citizens in Mississippi County.

Regional Commodity Meetings

In 2018 University of Missouri Extension provided educational events that reached a diverse audience of farmers and farm workers, consultants, industry representatives, legislators, federal and state agency personnel and other stakeholders in Mississippi County. These educational efforts include regional conferences specific to commodities produced in southeast Missouri, including: soybean, corn, forages, rice and cotton.
Sooybean Management Conference
The National Agricultural Statistics Service (NASS) reports that approximately 50 million bushels of soybeans are produced in southeast Missouri out of which 7.5 million bushels are produced on about 154,500 acres in Mississippi County. In January, University of Missouri Regional Extension Specialists held the Soybean Management Conference. The program provided research-based information to producers, Certified Crop Advisors, industry representatives, state and federal agencies. This regional meeting provides an opportunity for citizens from every county in southeast Missouri to hear University State Specialists from both Missouri and neighboring state land-grant institutions such as the University of Tennessee and the University of Arkansas. About 30 of 150 people attending the January 2018 soybean production meeting in Miner were from Mississippi County. Weed control, seed treatments, use of drones, and new MU varieties were some of the topics. This program was co-sponsored by the Missouri Soybean Association and local businesses.

Certified Crop Advisor Class
About 35 crop consultants and advisors from around the Bootheel, including seven people from Mississippi County, participated in a regional, two-day Certified Crop Advisors class at the Fisher Delta Research Center in November providing 16 hours of CEUs. This research-based information helps these consultants make informed decisions and recommendations on row crops in southeast Missouri.

- 88% of survey respondents indicated a gain in knowledge after the morning session in soil and water management.
- Respondents also indicated they would use the information learned and found the information relevant and contained quality content.

2018 Regional Corn Meeting
NASS data show that approximately 340,000 acres of corn are grown in southeast Missouri. About 49,400 acres of corn are grown in Mississippi County, producing 9.6 million bushels at an average of 194.8 bushels per acre, the highest county average in Missouri in 2018. In December, University of Missouri Regional Extension Specialists organized, facilitated and provided information at a morning conference on corn production. It was held in Miner for 130 producers, certified crop advisors, industry representatives, and representatives from federal agencies such as United States Department of Agriculture/Natural Resource Conservation Service (USDA/NRCS), legislator offices and agriculture publications. Thirty of the participants were from Mississippi County. Research-based information was provided by state university specialists from Missouri, Tennessee, Indiana, and Kentucky on nitrogen, weed management, high yield corn management, and marketing. Those in attendance produce or provide a service to the production of corn in all corn producing counties in southeast Missouri including Mississippi County. This meeting was co-sponsored by Corn Growers Association and about 10 agricultural businesses.

Other Agricultural Extension Programs available to Mississippi County farmers:
Fisher Delta Research Center and Rice Research Farm Field Days, the Cotton Production and Outlook Conference, the Missouri Rice Conference, the Ag Lenders Meeting, and the Regional Insect Scouting School at the Delta Center.

Crop updates by Anthony Ohmes are sent by email every week or two during the growing season. David Reinbott writes farm business or market updates every couple months. These are forwarded to Mississippi and Scott County Ag businesses and farmers.

Individual Consultation
Information was provided to 400 people via one on one, walk-ins, field visits, phone calls, mail and email. Topics included weed ID and control, Irrigation scheduling, soil fertility, etc. Clients included elders, women, vegetable producers and farmers, homeowners, and Ag business.
Media

The University of Missouri Extension Mississippi County website was improved and updated during the year.

Twenty-two news releases were sent to local newspapers from our office. A number of these were sent to the “Mid America Farmer Grower.”

**Free Regional Electronic Newsletters:** “The Garden Spade” newsletter reaches 150 readers a month, and The “Missouri Ag News” goes out monthly to dozens of farmers and ag professionals.
<table>
<thead>
<tr>
<th>Agriculture Business Programs</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Make the County, Region, and Missouri Better?</th>
</tr>
</thead>
</table>
| Economic and Financial Analysis | • FINPACK® analysis  
• Decision Tools – Spreadsheets  
• Crop insurance analysis  
• Grain Marketing & Farm Management  
• E- Newsletter  
• Grain Storage and Drying  
• Farm Accounting  
• Enterprise analysis  
• Financial statements  
• SE Missouri Crop Budgets  
• Irrigation Costs & Returns  
• Farm Lease & Crop Rents | • Producers analyzed personal financial documents to determine financial stability  
• Producers developed business plans to start and expand their operation  
• Producers have decision tools for crop budgeting, rental analysis, irrigation systems, grain storage, grain marketing, financial analysis, and farm acquisitions  
• Producers can better analyze the cost, returns and risks of crop rent versus cash rent  
• Producers can develop marketing plans to increase profitability by understanding the relationship between supply and demand, seasonal trends, and technical analysis through charting  
• Producers can use the marketing tools available to decide between harvest sales or utilize storage for futures and/or basis appreciation  
• Producers know the annual farm program payments from PLC and ARC-Co for cash flow analysis | • Agriculture business programs provide education that increases and/or stabilizes farm incomes, which leads to a more stable rural/farm economy  
• A robust and stable agriculture sector of the economy enhances the well-being of the county, region, and state residents by providing income, jobs, food, clothes, shelter, and energy  
• A profitable and stable farm business provides job opportunities for the citizens in the county  
• A profitable and stable farm business will provide greater tax revenues for the county, region, and state  
• A profitable and growing farm business will provide career opportunities for the next generation to stay on the farm instead of leaving the county, region and state |

Markets and Marketing

| Total region participants - 223 | • Ag commodity market analysis  
• Market outlook for crops  
• Crop marketing tools  
• Charting and Technical Analysis  
• Hedging and Risk Management grain crops |  |  |

Agriculture and Farm Policy Analysis

| Total region participants - 210 | • Understanding farm policy development, implications provisions  
• Farm Program and Farm Bill Analysis – Cotton Program |  |  |

Agriculture Seminars and Conferences

| Total region participants - 527 | • Agriculture Lender Seminar  
• Regional Commodity Conferences – Corn, Soybeans, Cotton, Rice, Farm Bill Conferences  
• Financial Management Conference  
• Farm Labor Conference | • The lenders have a better understanding of the market and financial outlook and how to assist their clients in sound financial decisions  
• Producers and industry will make management decisions based on the latest research-based information | • Citizens with the latest research based information from the University of Missouri will make informed decisions that will have a positive economic and social impact on the county, region, and state |

Total region participants - 1786

Economic and Financial Analysis

Total region participants - 223

Markets and Marketing

Total region participants - 223

Agriculture and Farm Policy Analysis

Total region participants - 210

Agriculture Seminars and Conferences

Total region participants - 527

Economic and Financial Analysis

Total region participants from e-newsletter, phone, emails, texts, web site - 1786

Economic and Financial Analysis

Total region participants - 223

Markets and Marketing

Total region participants - 223

Agriculture and Farm Policy Analysis

Total region participants - 210

Agriculture Seminars and Conferences

Total region participants - 527
As entrepreneurs and innovators, Missouri’s small businesses are becoming a diverse group that continues to make the state’s economy productive. There are approximately 500,000 small businesses in Missouri. Nearly 98 percent of all with employees are categorized as small businesses. In assisting the owners and of those businesses, MU Extension contributes to a county’s economic development through growth in jobs, sales, innovation, technology development and commercialization.

<table>
<thead>
<tr>
<th>Number of Mississippi County Learners</th>
<th>Program</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Make Mississippi County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 clients (4 male/female owned business; 5 male owned businesses; 1 woman owned business; 2 minority owned businesses)</td>
<td>Individualized counseling (A total of 104 hours)</td>
<td>Financing/Capital Marketing/Sales Managing a Business Start Up Marketing Research Business Plan Legal Issues Exporting</td>
<td>1 small business became certified as an Economically Distressed Woman Owned Small Business 2 started a business 3 jobs were created $27,000 owner equity invested into business</td>
<td>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 able to compete for more 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.</td>
</tr>
</tbody>
</table>

| Community Economic Development | Bootheel Synergy Attendees – total 109 | 6 sessions using national economic development curriculum | 6 sessions using national economic development curriculum | The group developed a high quality economic development plan for the Bootheel that was approved on the national level | By involving the citizens of the region, they are more aware of the impact they can have on community planning and how to help determine their region’s future |
Rebecca Blocker M.S., H.H.S.
Housing & Environmental Design Specialist

Direct contact participant programming: Healthy homes, radon gas, fall prevention, home safety and security, rent smart, homebuyer education, home maintenance, remodeling, energy efficiency, emergency preparedness, surviving extreme weather, earthquake safety, flood recovery, budgeting, improving credit scores.

Indirect contacts (information distributed); i.e., phone call consultations, email, web sites, news articles, public displays, health fairs, newsletters.

What Did They Learn? • Identify and reduce health risks of indoor air pollutants, control mold, pests, test for radon gas and reduce high levels. • Improve home safety and security, fall prevention, prepare for emergencies, survive extreme weather, power outages, flood, earthquake, generator safety. • Skills to become successful renters and homeowners, improve budgeting, credit, selecting insurance, home care, maintenance, repair, remodeling, energy efficient behaviors, products, and alternative energy technologies.

How Did Participants Benefit? • Improved health and safety may prevent disease, accidents, or death, reduce falls, hospital visits, medical costs, days off work or school, early need for a care facility. • Homebuyers may qualify for special financing saving up to 35 percent on mortgage, avoid costly repairs with routine maintenance, reduce utility costs, fewer moisture problems, protect home investment and property value, and avoid foreclosure. • Residents in transitional housing improved budgeting, apartment care and energy saving skills, legal aspects of renting, and communication and employment skills leading to improved credit and employment opportunities to help them transition from homeless to successful tenants.

How Does This Work Make Mississippi County and Missouri Better?
• Maintaining safe, secure and healthy homes play a crucial and valuable role for families and in local economic and community development efforts. Energy conservation measures add value to home and save money in both summer and winter.

• Energy education saves money and reduces peak demand, carbon dioxide emissions, environmental impact, and dependence on foreign fuels. • Well-maintained homes provide community economic benefit by increasing property values, generating tax revenue, and often providing areas of lower crime. • Encouraging radon testing will reduce cancer related deaths from this invisible gas that is the second largest cause of lung cancer in the U.S leading to 21,000 deaths. • Budgeting and life skills reduce dependence on government assistance, improve family stability, and improve employment skills and rental housing options. • Disaster preparedness protects lives, property, and reduces recovery costs.

Cape county:

• Homebuyer education reduces foreclosures up to 60 percent. High foreclosure rates impact property values, tax base, city costs of abandoned properties, crime in deteriorating areas, family stability, and school performance of impacted children.

Impact: County citizens learned how to protect children from the ill effects of unhealthy housing?
All children deserve clean air, clean water, safe food and products, and healthy places in which to live, learn, and play. Exposures to chemicals in paint, dust and consumer products, among other environmental hazards in the home, can negatively impact children's developmental and respiratory health. As many as 1.2 million children in the United States
have elevated blood lead (EBL) levels. It is important to raise awareness and take necessary steps to improve children's environmental health.

Healthy Homes and Holiday safety information distributed through Head Start, University Extension and websites are effective ways to increase awareness and encourage actions to reduce these potential hazards.

Home safety and security programs help citizens reduce their risks of become a target of home burglary, reduce risks of accidents and environmental health impacts. The outcomes projected for these programs is for citizens to take action to reduce their risk, prepare for emergencies, learn the actions to take for disaster preparedness and practice them!

**Healthy homes**

Calls for healthy homes resources included reducing asthma triggers, radon testing and controlling and removing mold. Increasing awareness and understanding of potential hazards in the home leads to behavior changes to reduce the dangers and create healthy and safe homes. Healthy Homes programming helps families and communities control indoor air pollutants that impact health. Education included identification and control of common home pollutants including: mold and moisture problems and radon gas testing. Mold and moisture problems continue to be a significant problem in our state. Healthy Homes media and consultations on mold, moisture control, and ventilation strategies provided information to help families identify sources of mold and allergy triggers and take actions to correct the problem.
MU Extension Continuing Education

Missouri University Conference Office
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](http://muconf.missouri.edu)

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

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

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

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

Continuing Medical Education and Physician Lifelong Learning (CMD/PLL)
CMD/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. CMD/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, CMD/PLL offered 1,726 noncredit programs, courses and educational activities to more than 25,700 participants. [https://extension2.missouri.edu/programs/continuing-medical-education](https://extension2.missouri.edu/programs/continuing-medical-education)

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

Labor Education
The MU Extension Labor Education Program works with members and leaders of workplace-based organizations representing the economic interests of more than 20,000 working people in Missouri and surrounding states. Programs help them develop skills to contribute to their organizations, act effectively in the workplace, and be informed and active participants in their communities. [https://extension2.missouri.edu/programs/labor-education-program](https://extension2.missouri.edu/programs/labor-education-program)
FY 2018 Summary: Continuing Education Noncredit Activities

<table>
<thead>
<tr>
<th>Continuing education unit</th>
<th>Number of activities</th>
<th>Attendance total</th>
<th>Individual hours of instruction</th>
<th>Student FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuing Medical Education</td>
<td>1,726</td>
<td>25,731</td>
<td>2,332</td>
<td>216.0</td>
</tr>
<tr>
<td>Fire &amp; Rescue Training Institute</td>
<td>643</td>
<td>13,494</td>
<td>11,500</td>
<td>580.0</td>
</tr>
<tr>
<td>Labor Education</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>Law Enforcement Training Institute</td>
<td>100</td>
<td>2,145</td>
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<td>Conference Office</td>
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<td>72,581</td>
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This table includes noncredit activities reported through MU continuing education units and does not include contacts by cooperative extension specialists.

Educational Contacts — FY 2018

<table>
<thead>
<tr>
<th>Impact area</th>
<th>Direct contact total</th>
<th>Indirect contact total</th>
<th>Total contacts</th>
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<tbody>
<tr>
<td>Agriculture and Environment</td>
<td>33,450</td>
<td>102,895</td>
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<td>7,096</td>
<td>28,582</td>
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<td>4-H</td>
<td>137,411</td>
<td>178,928</td>
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<tr>
<td>Conferences &amp; Institutes (MTI)</td>
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<tr>
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</table>

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.
## Expenses and Funding Sources

### Mississippi County Extension

**Actual Expenses in 2018**

**Breakdown by Category**

$37,000

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<th>CATEGORY</th>
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<th>PERCENTAGE</th>
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