



UNIVERSITY OF MISSOURI EXTENSION

Hickory County

2017 ANNUAL REPORT



Table of contents

Who we are4

Program overviews

 Agronomy5

 Nutrition & Health.....7

 4-H.....9

 Nutrition11

 Business Development Program13

Continuing Education.....14

**VICE CHANCELLOR'S OFFICE**

108 Whitten Hall
Columbia, MO 65211
PHONE: (573) 882-7477
FAX: (573) 882-1955

December 4, 2017

Dear County Commissioners and Friends of MU Extension:

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

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

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

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

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads 'Marshall Stewart'.

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

Who we are

Hickory County Extension Council

Jeff Owen, Chair
 Warren Olinger, Vice-Chair
 Linda Peppers, Secretary
 Debbie Gordon, Treasurer
 Carl Button
 Chase Crawford
 Ashley Fisk
 Freddie Martin
 Cody Phillips
 Maurice Pitts
 Austin Rains
 David Tippetts
 Linda Wilson
 David Wright

Hickory County faculty and staff

Velynda Cameron
 CPD & Youth Development Specialist

Terry Halleran
 Agronomy Specialist

Mary Sebade
 Nutrition & Health Education Specialist

Allison Gunter
 Nutrition Program Associate

Jocelyn Wheeler
 Office Manager

Staff serving Hickory County, (based in other counties)

David Black
 Family Financial Education Specialist

Michele Kroll
 Community Development Specialist

Andy McCorkill
 Livestock Specialist

Gene Schmitz
 Livestock Specialist

Bob Schultheis
 Natural Resource Engineering Specialist

Wesley Tucker
 Agriculture Business Specialist

Hickory County Commissioners

Robert Sawyer
 Presiding Commissioner

Rick Pearson
 Westside Commissioner

Chase Crawford
 Eastside Commissioner

2017 Hickory County University of Missouri Extension Council operating budget

Revenue	
County App.	<u>\$34,838.00</u>
Total Revenue	\$34,838.00

Expenses	
Secretary Salary	\$22,885.92
Council Paid Benefits	\$3,123.90
Travel	\$2,087.87
Telephone	\$1,168.14
Supplies and Service	\$1,981.71
Office Network	\$300.00
Insurance & Legal	\$381.00
Equipment	<u>\$231.53</u>
Total Expenses	\$31,860.07

Restricted	\$37,005.48
Unrestricted	\$16,111.57

State legislators

Sandy Crawford
 Senator, District 28

Warren Love
 Representative, District 125

About us

Location:
 18715 Cedar Street
 Hermitage, MO 65668

Hours:
 8am-12pm
 12:30pm-4:30pm

Contact info:
 417-745-6767 – Phone
 417-745-2324 – Fax
 hickoryco@missouri.edu - Email

Agronomy

Wm Terry Halleran

Being housed in Hickory County, the agricultural needs may run from pasture management and weed control, to hay production, as well as timber management. As a county in the Ozarks, we are mostly timber-covered hills with fescue-based pastures, supporting a beef cattle production industry as our main type of livestock. There is a large prairie area as well as some open river bottoms where crop farming occurs including mostly corn, soybean, and wheat production. We are also a rural community blessed to have a large lake reservoir, The Pomme De Terre, which creates many seasonal jobs revolving around lake type activities. We have often been identified as a desirable retirement area for those looking for the rural way of life in their senior years. This in turn often leads to many gardening and horticultural questions, as well.



Number of County residents served (446)

Throughout the year, programs have been offered hopefully meeting the needs of our community. Those included Bee keeping workshops, Private Pesticide Application Training, Elementary School Gardening Programs (1st graders), High School Agronomy Training activities, Hickory County Annual Ag. Conference, Master Gardening programs, Hickory County Annual Bus Tour, Hay Production program, Soil Testing (24), as well as several farm visits.

Total Hours of Collective Workshop Participation in 2017(160)

Estimating time spent on preparation and delivery of said programs listed above, excluding time spent in the office answering e-mails, phone calls, walk-ins, etc., approximately 160 hours were calculated.

What Did They Learn?

Strategies to optimize production and cut costs on their operations allowing farmers to improve on their profit margins throughout the year.
Strategies to best determine the value of their forages, the variation in quality of forages and how best to manage these forages, while maintaining productivity, maximizing nutrient utilization, minimizing soil and nutrient losses, and other negative impacts on the environment.

Based on the following programs listed above the following was discussed. This by no means will be an exact account of the entire courses taught but a short and brief summary of the area.

Beekeeping: Strategies to best determine the value of bees as natural pollinators and how to raise and maintain beehives throughout the year. This was an in-depth look at beekeeping, how to get started in bees, equipment needed, care of, harvesting the product, bee diseases and pests, and the basic information need to keep bees for the first two years of production

Private Pesticide Application Training: During this training, participants will learn about safe handling of pesticides, proper mixing, calibration techniques, environmental ramifications of improper mixing or careless application, chemical breakdown of pesticides in the environment, what records are needed, pesticide formulations, personal protective wear and how to clean it, pesticide storage, common Missouri pests, and integrated pest management (IPM).

Elementary School Gardening Programs (1st graders): The Elementary students were introduced to growing common garden vegetable crops from seed. This was a hands-on program where students planted seed, with the help of the local High School FFA Chapters, and grew plants to take home and plant in their own gardens.

High School Agronomy Training activities: Students were tested on the ID of several plants they grew as a training session for statewide competition.

Hickory County Annual Ag. Conference: Dr. Scott Brown gave an overview of the agricultural economic outlook for 2016 and what we should be looking at in the coming year 2017. Mainly looking at the livestock industry as it pertains to Hickory County.

Master Gardening Program: Our Hickory County Master Gardener Program has a large garden and greenhouse at the local Senior Center facility in Wheatland, as well as 13 other projects throughout the county. Produce is provided to the Senior Center kitchen as one of their major undertakings.

Hickory County Annual Bus Tour: Our yearly tour takes us to surrounding states as we visit other cattle producers to see what they are doing and how that might be used in our own operations.

Hay Production Program: Strategies to best determine the value of their forages, the variation in quality of forages and how best to manage these forages, while maintaining productivity, maximizing nutrient utilization, minimizing soil and nutrient losses, and other negative impacts on the environment. Areas discussed included "What makes quality hay", "How should hay be priced", "How is hay tested", "What are your cattle's needs from the hay", "Hay storage", etc.

What Action Did They Take?

Based on the vastness and diversity of the areas discussed it would be hard to list everything learned and hopefully used by those partaking in our programs. One would hope, based on the researched backed and based information provided, they would look at their current practices to see if any changes could be implemented.

However, one of the areas of interest noted was the number of 1st graders taking home their plants, planting them in a garden, and actually eating homegrown produce.

Several of those attending our Beekeeping classes joined our local Bee Club to learn more about bees and production.

How Does This Work Make Hickory County and Missouri Better?

Through a wide and diverse development of a variety of programs, producers are introduced to new ideas, technology, and information relevant to their own operations. This in turn increases local profits, thus the local economy, as they continue to improve the standards of living for themselves and their families. Whenever putting together a program or setting up a program, I have two major concerns in mind. First, will the information provide make life easier and/or more convenient for the consumer, or second, will it possibly increase profits on their current operation over time. After all, what is the value of information if it cannot be used?

Areas of interest may be, but not limited to, the following:

Maintaining or improving soil health and water quality through better distribution of nutrients on our forage and beef cattle operations, we ensure future generations will have safe and plentiful natural resources.

By supporting beef and forage production for the clients in our area, participants learn high quality unbiased research based production strategies, which result in increased success for producers in reaching their production and financial goals.

Producers contact us looking for answers to questions specific to their operation. By taking a total quality management approach for each operation, we can help producers get the information and resources they need to improve the bottom line for their operations.

We instill the pride in our community to those that are truly a successful farmer by recognizing the success of our local farm families,

Nutrition and Health

Mary Sebade

Cooking Matters is a hands-on course to empower individuals with the skills to be self-sufficient in the kitchen. In communities across America, our participants and instructors come together each week to share lessons and meals with each other.

Courses meet for two hours, once a week for six weeks and are team-taught by a Nutrition and Health Education Specialist and a Nutrition Program Associate. Lessons cover meal preparation, grocery shopping, food budgeting and nutrition. Participants practice fundamental food skills, including proper knife techniques, reading ingredient labels, cutting up a whole chicken, and making a healthy meal for a family of four on a \$10 budget. Adults take home the groceries for one of the dishes after each class so they can practice the recipes taught that day.

Stay Strong, Stay Healthy is an eight-week program for middle-aged and older adults. The program's goal is to improve health and quality of life. Sessions meet one hour twice a week and include warm-up exercises, simple strengthening exercises, with or without weights, and cool-down stretches. Participants are urged to do the exercises on their own one other time during the week. Over the eight weeks, participants learn the exercises and begin to improve strength, flexibility, and balance. After eight weeks, participants are encouraged to continue this simple program at home or with a community group.



Number of Hickory County residents served

Cooking Matters for Kids was held in Spring 2017 with 84 participants over the 6-week period from the third and fourth grades of Hermitage and Wheatland.

Cooking Matters for Adults was held in early Summer 2017 with 75 participants over the 6-week period.

Cooking Matters for Families was held in early Spring 2017 in Weaubleau with 54 participants over the 6-week period.

Stay Strong, Stay Healthy program was held twice at the McCarty Senior Center during the summer and fall months with 219 participants over the 16 week class sessions.

Total Hours of Collective Workshop Participation in 2017

A collective 267 hours was tabulated for the Cooking Matters program.

The Stay Strong, Stay Healthy program had 328 hours over the 16 weeks of programming.

What Did They Learn?

Cooking Matters participants pre- and post-surveys identified:

80% of participants were eating more fruits and vegetables, and could incorporate them into their meals.

86% of participants reported that they had added new dishes to their meal patterns

92% of participants reported that they were more conscious of healthy choices.

60% of participants reported that they were going to adjust their meals to be more budget friendly.

62% of participants were going to plan meals ahead of time.

93% of participants were confident in helping their family to eat healthy.

Stay Strong, Stay Healthy participants assessment showed:

80% of participants improved in the Chair Stand Test, which assesses lower-body strength and endurance needed for activities such as climbing stairs, walking, and getting up from a seated position.

80% of participants improved in the Chair Sit-and-Reach Test, which assesses lower-body flexibility important in joint pain control and needed for activities such as putting on socks and shoes, dressing, and using stairs.

80% of participants improved in the Back Scratch Test which assesses upper-body and shoulder flexibility needed for activities such as combing hair, dressing, and reaching.

100% of participants improved in the 8-Foot Up-&-Go Test which assesses the agility and balance needed for activities such as standing quickly from a seated position and walking.

100% of participants improved in the Balance Assessments which indicates reduced risk of falling and continued independent living.

100% of first time participants felt their health was better, reported feeling physically stronger, reported having more energy, reported less painful joints, and reported feeling more flexible.

80% of first time participants reported sleeping better.

What Action Did They Take?

Participants in the Cooking Matters classes were seen buying fresh produce at the Farmers Market, and asking questions of local Master Gardeners.

Participants in the Stay Strong, Stay Healthy classes have reported more movement in their joints, and greater flexibility. Donita from the McCarty Senior Center has asked for another exercise class in the coming year.

How Does This Work Make Hickory County and Missouri Better?

In Missouri, as in many states, health varies from one region to another. Many American communities lack environments that could support healthy diets and regular physical activity. Healthy dietary and physical activity practices can lower the risk for heart disease, type 2 diabetes, and some cancers. Excess calorie intake and physical inactivity also, contribute to obesity. Among adults, the medical costs associated with obesity are an estimated \$147 billion.

According to the Community Health Needs Assessment in Community Commons, Hickory County has been identified as suppressed in its consumption of fruits and vegetables. Under the category of obesity, 29% of adults aged 20 and older self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese) in the report area. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

MU Extension provides information and opportunities for Hickory County residents to learn about nutrition and physical activity through classes and presentations. The next step is committing to change.

4-H

Velynda Cameron

Photo at right: Members of the Blooming Hickorys 4-H club with their year completion awards they received at the annual 4-H Recognition program held December 2, 2017.



Number of Hickory County residents served	<u>4-H Members</u>	<u>4-H Volunteers</u>	<u>School Enrichment</u>
	20 youth	12 adults	113 participants
	1 4-H Club		

What Did They Learn?

4-H members participate in club and project meetings, regional camp, county and state events and other 4-H activities.

- 3 attended 4-H camp
- 12 completed project report forms
- 29 Exhibit day entries
- 13 Ozark Empire Fair entries
- 13 Missouri State Fair entries

County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from computers and horse to poultry and shooting sports. Clubs also involve children and teens in community service, camping and educational trips.

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Valuing their time at \$24.14 per hour (Independent Sector, 2017), the contribution of 12 Hickory County 4-H volunteers was worth more than \$21,000 in 2017. More importantly, these individuals serve as role models and mentors for youth helping them transition into adulthood.

The Embryology curriculum brings action and hands-on experience to the classroom using incubators to hatch chicken eggs. Pre-kindergarten through fifth grade students have the opportunity to observe the development of chicks while still in the eggs, view the eggs hatching, and observe chick behavior after hatching.

How Did The Participants Benefit?

Missouri 4-H: University of Missouri Extension's youth development program, helps create opportunities for young people to be valued, contributing members of their community. Providing opportunities for youth to develop positive self-esteem, leadership skills, decision-making skills, citizenship and practical life-skills are objectives of Extension's youth program. Missouri 4-H connects kids with caring adults for learning-by-doing experiences in organized clubs, school enrichment programs, special-interest groups, camps and school-aged child care programs. Parents shared "Because of 4-H my child learned the following life skills this past year." "How to speak in front of others" "Future leadership skills—how to speak in front of others; people skills; how to properly participate in a business meeting; and how to promote her ideas" "The desire to work hard; importance of responsibility as far as taking care of animals; the importance of completing chores/tasks on time; and getting into a routine" "Friendly competition (being a good winner and a gracious loser)" "To complete things you start, always do your best; and you don't always have to "win" to win at life"

How Does This Work Make Hickory County and Missouri Better?

4-H Youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. Missouri 4-H members spend almost nine times more of their leisure time than peers engaged in projects anchored in science. As a result, 4-H members are three times more likely to go into science related careers than similar peers (Lerner and Lerner, 2008). Fostering career development is the fact that Missouri 4-H members are connected to college campuses and faculty.

Our state and nation are in need of workers who are highly proficient in **science, technology, engineering and math (STEM)**. Research has shown that **4-H** members develop an increased interest in science three times higher than their non-4-H-peers. Both non-traditional activities, such as robotics, and more traditional activities, such as livestock judging and food preparation, are doorways to science-related careers. In fact 59% of 4-H members would like a job related to science.



**Family Nutrition
Education Programs**

Nutrition and Lifeskills for Missouri Families

University of Missouri Extension
Family Education Nutrition Program
908 N. 2nd St.
Clinton, MO 64735
660-383-1633

January 30, 2018

Hickory County Extension Center
18715 Cedar Street
Hermitage, MO 65668

Re: Hickory County Annual FNEP Report

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

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.

In addition to providing nutrition education, in mid-2017, FNEP began partnering with the Supplemental Nutrition Assistance Program (SNAP) Outreach. The NPAs are spending an average of 4 hours per week in providing information and assistance with SNAP applications.

In Hickory County, 1,660 Youth and 4,305 Adults contacts were made for a total of 5,965 contacts.

The following is a list of the locations where participants were served in Hickory County:

<u>Schools</u>	<u>Agencies</u>
Hermitage Elementary	Hickory County Health Department
Macks Creek Elementary	Hickory County Senior Center/Care Connection
Skyline Elementary	Hermitage Head Start
Skyline High School	Hickory County C.A.R.E.S.
Skyline Middle School	Hickory County- West Central Missouri Community Action Agency (WCMCAA)
Weaubleau Elementary	
Weaubleau High School	
Wheatland Elementary	

In addition to the numbers, Allison Gunter shared this success story demonstrating local impact:

Upon returning to a classroom for classes the teacher pulled me aside to tell me that she was amazed by the actions of some of her students. During our lessons every time we were discussing what foods were healthy and what foods we needed to steer away from, or at least limit in our daily diet, one particular girl would always talk about how healthy food was expensive and her family couldn't afford it. During class on day the teacher overheard some of the kids talking to the girl about how they had been at the grocery store and seen that bananas and apples were such and such price and they were telling the girl how those weren't very expensive and maybe she could get some of them to eat with her meals so that she could have something healthy. The teacher was very impressed that the kids were noticing what a healthy food was and actually looking at the cost of it, and she was touched that they were genuinely trying to help this girl out in eating healthier. She told me she'd never seen anything like that and she knew it was from our classroom discussions.

In summary, it has been a successful year in Hickory County for FNP. We look forward in 2018 to more programming opportunities and continued progress in helping to improve the lives of Missouri families. We would like to wish you Happy Holidays and all the best in the New Year.

Thank you,

Michelle Chapman

Michelle Chapman
West Central FNEP Coordinator



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

Equal opportunity/ADA institutions

University Outreach and Extension does not discriminate on the basis of race, color, national origin, sex, sexual orientation, religion, age, disability or status as a Vietnam era veteran in employment or programs.

Business Development Program (BDP)

Jackie Rasmussen, Business Development & International Trade Specialist

<i>Program, Workshop, Number of Learners</i>	<i>What Did They Learn?</i>	<i>What Action Did They Take?</i>	<i>How Does This Work to Make Hickory County and Missouri Better</i>
<p>For the 17 counties that comprise the West Central Region, MU Extension Business Development Program counselors provided start-up and management counseling, training and other assistance to 2,107 individuals and companies.</p> <p>Individuals received assistance in topics ranging from:</p> <ul style="list-style-type: none"> • Starting A Business • Business & Strategic Planning • Marketing • Management • Doing Business with the Government • Understanding Financial Statements, and • International Trade <p>Several businesses also worked with the International Trade Center to complete customized global market research projects that provided them with assistance to identify new international market with potential for their businesses.</p>	<p>Businesses participating in counseling or training sessions learned:</p> <ul style="list-style-type: none"> • Effective tips and techniques to successfully start, manage or grow their businesses • Additional resources and business assistance services that exist that can be accessed to support business development & growth – such as the Missouri Small Business & Technology Development Centers, Missouri Procurement Technical Assistance Centers, the Mid-America Trade Adjustment Center and Workforce Programs. 	<p>As a result of assistance provided by the MU Extension Business Development program businesses in the WC Region in FY2017 generated the following economic impact:</p> <ul style="list-style-type: none"> • Started 12 new businesses • Created or retained 617 new jobs • Generated sales increases of \$34,480,897 • Received government contract awards of \$16,098,297 • Secured new investment (loans or owner equity) of \$9,204,407 • Acquired Assets worth \$1,137,002 <div style="display: flex; justify-content: space-around;">   </div> <p>Pictured: MU College of Business student interns worked with MU International Trade Center & MU Extension to complete global market research for 15 Missouri business located across the state in 2017. Woodland, located in Linn Creek, MO (Camden County) was one of the WC Region businesses assisted.</p>	<p>As entrepreneurs 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 percent of all businesses with employees are categorized as small businesses. In assisting the owners and managers of those businesses, MU Extension contributes to the county's economic development through growth in jobs, sales, innovation, technology development and commercialization.</p> <p>Across the state of Missouri, the total impact for all businesses assisted by the MO Business Development Program was:</p> <ul style="list-style-type: none"> • 259 new businesses • 3,106 new jobs • 3,675 jobs retained • \$478,772,408 in increased sales • \$7,622,000 in government contracts • \$91,002,145 in loans and investments in business • 3,458 clients/companies receiving at total of 25,110 hours of business counseling • 10,685 business training/conference attendee

MU Extension Continuing Education

University of Missouri (MU) Conference Office

The MU Conference Office provides full-service meeting management for a variety of noncredit educational programs. In FY 2017, the MU Conference Office organized 72 conferences for more than 20,000 people in teacher education in math, science and writing; crop management and agricultural lending, as well as statewide youth leadership programs, generating \$3.2 million in revenue. muconf.missouri.edu

Fire and Rescue Training Institute (MU FRTI)

In FY 2017, MU FRTI celebrated its 85th anniversary of providing continuing professional education and training to Missouri's fire service and emergency response personnel. In addition to fire training, courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation. In FY 2017, MU FRTI trained 11,319 firefighters and emergency responders from 932 departments, organizations and agencies throughout all 114 Missouri counties. mufrti.org

Law Enforcement Training Institute (LETI)

LETI provides training and education for Missouri's 17,000 personnel and police recruits and presentations 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, with other topics and certifications like Crisis Intervention Team Training available. leti.missouri.edu

Missouri Training Institute

The Missouri Training Institute provides continuing education programs in business, as well as customized training programs and consulting services for business and industry and public, nonprofit and educational organizations and institutions. In FY 2017, 10,630 people enrolled in the institute's 371 programs that cover diverse business practices, such as human resource management, team building, decision-making, strategic planning and leadership. mti.missouri.edu

MU Nursing Outreach

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. Another 867 nurses and 1,986 health care professionals — including social workers, nursing home administrators and psychologists — were served through multidisciplinary programs. nursingoutreach.missouri.edu

Center for Continuing Medical Education and Physician Lifelong Learning (CME/PLL)

CME/PLL serves MU Extension and the MU School of Medicine by educating physicians and other health care providers to improve the standard of care in Missouri. In FY 2017, CME/PLL offered 1,678 noncredit programs, courses and activities, serving 27,345 people, as well as 14 accredited medical conferences, including the annual Missouri Telehealth Network Summit on trends in this emerging healthcare arena; an Ellis Fischel Cancer Symposium on holistic approaches to cancer care; and one of the world's largest multidisciplinary conferences on dialysis. CME/PLL also provided online training for 6,400 state mandated child protection reporters in 20 occupational fields. medicine.missouri.edu/cme

Veterinary Medical Extension and Continuing Education (VMECE)

Veterinary Medical Extension provides information and consultation to veterinarians and livestock owners on issues such as disease risks, rising input costs and regulations that impact farming operations. In FY 2017, VMECE provided 17 continuing education events for veterinarians needing credit to renew their licenses. Twelve events addressed antibiotic label changes that went into effect on January 1, 2017, and how to write a veterinary feed directive. The rest dealt with preventing and responding to disease outbreaks in Missouri livestock operations. The VMECE team also presented at more than 40 meetings across the state, educating animal owners about the antibiotic label changes. VMECE also taught food animal production medicine to MU College of Veterinary Medicine students and collaborated in research that addressed bovine reproduction. vmth.missouri.edu

Labor Education

The Labor Education Program works with members and leaders of workplace-based organizations across Missouri to help them develop skills, act effectively in the workplace and be informed and active participants in their communities. In FY 2017, the program offered 35 courses and conferences to 952 participants, most of whom are leaders of organizations representing the economic interests of more than 20,000 working people in Missouri and surrounding states. labored.missouri.edu