



UNIVERSITY OF MISSOURI EXTENSION

Mercer County

UNIVERSITY OF MISSOURI
M Extension

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December 4, 2017

Dear County Commissioners and Friends of MU Extension:

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

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

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

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

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

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

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

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

Sincerely,



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

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Mercer County



UM System Footprint in the County in 2017



Students

12 County students

- 11 Undergraduates
- 1 Graduates
- 9 Full-time students
- 3 Part-time students



Employees and retirees

7 people employed by UM

- 6 Campus
- 1 UM Health Care

UM salary and retirement income: \$230,527

UM state tax revenue: \$7,392

UM federal tax revenue: \$43,469



Alumni

Selected school alumni

- 2 - Medicine
- 4 - Nursing
- 2 - Pharmacy
- 1 - Veterinary Medicine
- 16 - Agriculture
- 2 - Engineering
- 4 - Law

Alumni teaching K-12

- 4 teachers
- 7% of all county teachers



Breakdown by campus

MU

- 10 students
- 53 alumni
- 6 employees

UMKC

- 0 students
- 10 alumni
- 0 employees

Missouri S&T

- 2 students
- 0 alumni
- 0 employees

UMSL

- 0 students
- 5 alumni
- 0 employees



Properties and offices

MU Extension in: Mercer County



County population: 3,718



Services provided

Health care

- 51 patients seen at UM Health Care, with \$1,653 of uncompensated care
- 2 patients seen at the UMKC School of Dentistry with an average of \$54 per patient in uncompensated care
- University of Missouri Health Care's Missouri Telehealth Network provided service to 1 patient at 1 site

Extension

- 4,489 total educational contacts from MU Extension to residents of county, including:
 - 237 contacts related to productive farming, better gardening, and managing natural resources
 - 4,228 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
 - 24 contacts related to starting businesses, developing community leaders, or renewing the local economy



UM System Statewide Footprint

Economic and community development highlights

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



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

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



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

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



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

Education and training provided



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

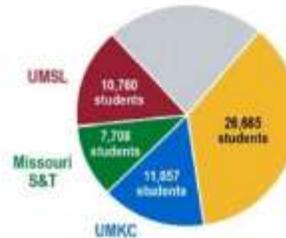


Agriculture and natural resource programs served **94,830** farmers and related businesses



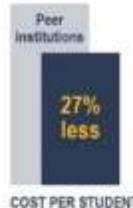
190,300 youths served in 4-H clubs, schools, camps and other programs

Education highlights



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

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



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

Supporting the University of Missouri is an investment in the future of Missouri.

The university advances Missouri citizens and communities through its mission of teaching, research, public service, and economic development across our four campuses and University of Missouri Extension.

Prepared in December 2017, based on the best available and most recent data. Data Sources include: Missouri Office of Administration • UM IR • Office of Social and Economic Data Analysis (OSEDA) Center for Applied Research and Engagement Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Dept. of Health and Human Services • National Science Foundation



January 2018

Dear Mercer County Residents,

The mission of University of Missouri Extension is to provide relevant, reliable and responsive information to the public. In pursuit of that goal in Mercer County, the office is staffed with a full-time Regional Livestock Specialist, an office manager, and a part time 4-H Youth Program Associate. Additionally, there are a variety of specialists to serve the citizens of Mercer County from county offices across NW Missouri through workshops, consultations, and educational programming.

In 2015, the citizens of Mercer County expressed their support for Mercer County Extension through passage of the District Option Tax Issue. This establishes a 5 cent property and real estate tax that will help Extension continue to grow and be better able to serve the citizens of the county. In the past year, we have successfully hired a full-time Regional Livestock Specialist housed in Mercer County. In addition, our office moved to a more accessible location in January and we have been able to accommodate more events and programs in our new meeting space. In the coming year, we look forward to providing more programming designed to fit the needs of Mercer County residents.

The work represented in this annual report is only a partial listing of the total educational programming that goes on in the county. We take pride in knowing that this is just a sample of the outstanding work generated within the county by extension personnel. From their efforts, citizens of the county learn to be effective in managing time, money, and resources in a variety of areas. Workshop participants gain knowledge in agricultural best practices, health and nutrition, communication, family dynamics, and youth development activities that will enhance their ability to be life-long learners and productive citizens. MU Extension delivers crucial information through programming that builds jobs within our rural community, strengthens businesses, improves families, and creates economic wealth through estate planning and financial planning.

We hope that you enjoy reading about what MU Extension has been doing to make Mercer County a better place to live, work and raise a family. A huge thank you goes out to the Mercer County Commission, Mercer County 4-H Foundation, City of Mercer, and all the businesses and individuals that contributed financially to the extension mission.

Sincerely,

Kristy Letner
Mercer County Council Chair

Jenna Monnig
County Program Director

Who we are

Mercer County Extension Council

Judy Bagley
 Cody DeMoss
 Kelly Faulkner
 Rochelle Holt
 Patsy Holt
 Kerri Jincks
 Kristy Letner
 Christy McCracken
 Damien Miller
 Wesley Parsons
 Justin Porter
 Nathan Rogers
 Richard Schneider

2017 Mercer County University of Missouri Extension Council operating budget

Income

County	\$34,138.44
City of Mercer	\$1,500.00
Gifts/Grants	\$400.00
Resale/Services	\$863.25
University Funds	\$1,350.00
Miscellaneous	\$275.33
Total	\$38,527.02

Expenditures

Payroll/non-payroll expenses	\$21,692.68
Travel	\$2,215.35
Postage	\$98.40
Phone/Internet	\$970.36
Rent	\$4,500.00
Lease Equipment	\$889.51
Utilities	\$1,987.38
Supplies	\$619.60
Insurance	\$250.00
Council Election/Annual Dinner	\$218.68
Soil Tests	\$580.00
Publications for Resale	\$415.50
Petty Cash	\$120.25
Miscellaneous	\$204.78
Total	\$34,790.49

Mercer County faculty and staff

Jenna Monnig
 County Program Director & Livestock Specialist

April Meighen
 Youth Program Associate

Debbie Batson
 Office Manager

Staff serving Mercer County

Joe Koenen
 Agriculture Business Specialist

Andy Luke
 Agronomy Specialist

Timothy Baker
 Horticulture Specialist

James Crawford
 Natural Resource Engineer

Tracy Marlo Daugherty
 Community Development Specialist

Jessica Trussell
 Human Development & Families Studies Specialist

Meredith Berry
 Family Financial Specialist

Tyler Hall
 Nutrition & Health Specialist

Micah Doty
 Nutrition Program Associate

Shaun Murphy
 4-H Youth Specialist

Mercer County Commissioners

Jerry Allen
 Presiding Commissioner

Shane Grooms
 Associate Commissioner
 1st District

Zachary Martin
 Associate Commissioner
 2nd District

State legislators

Senator Dan Hegeman
 District 12

Representative Nate Walker
 District 3

Congressman Sam Graves
 U.S. House District 6

Senator Roy Blunt
 U.S. Senator

Senator Claire McCaskill
 U.S. Senator

About us

Location:
 807 E. Hickland
 Princeton, MO 64673

Hours:
 9am-12:30pm, 1:30pm-4pm

Contact info:
 (660)748-3315
mercerco@missouri.edu

Youth Development—4-H

Shaun Murphy—Youth Specialist

April Meighen—Youth Program Associate



Number of Mercer County residents served

56 youth in four 4-H clubs and 25 screened, oriented volunteers

Sample Opportunities

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

4-H Afterschool Program – 4-H conducts an afterschool program as part of the Mercer Afterschool Program. This program allows 4-H and MU Extension expand the reach of positive youth development in a school setting.

Show-Me 4-H Wares - The Show Me 4-H Wares program is part of the MU Extension 4-H entrepreneurship project, through which youths learn how to start a small business or a social venture that addresses a need in their community

4-H Shooting Sports - 4-H youth engage in shooting sports to learn safe handling of firearms/archery equipment, responsibility, and teamwork – plus it is a great way to compete!

Program Learning Objectives

4-H members learn to engage in their communities. Young people in 4-H are engaged in twice as many leadership roles than their non-4-H peers. This provides them with the experience in problem-solving to step up and lead in a complex, changing world. In Mercer County, 56 4-H members were engaged in leadership and/or service.

Missouri 4-H is growing future scientists. Young people in 4-H are engaged in three times more like to be interested and pursue science-based careers their non-4-H peers. Our nation needs young people prepared to live and work in a world that no one can imagine yet. In Mercer County, most 4-H members were engaged in science related projects and experiences.

4-H focuses on learning by doing through experiential learning. This learning better prepares youths for jobs critical for economic recovery. Youths are given the opportunity to put learning into action through opportunities in leadership, citizenship, teamwork, community service and other life skills.

Life skills are defined in a variety of ways. 4-H, in recent years, has given special attention to youths' interest, attitudes and engagement in science, engineering and computer technology. Active 4-H members spend almost ten times more of their out-of-school time engaged in science-based activities than their non-4-H peers. Project work builds important life skills.

How Does This Work Make Mercer County and Missouri Better?

4-H youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. 4-H youth are engaged in programs anchored in science.

A study from Tufts University reports that young people in "4-H far outperform their non-4-H peers" in developing the skills, leadership and interest in science and science careers that drive our nation's future. 4-H'ers are three times more likely than their peers to pursue careers related to science, engineering and technology because they spend more time engaging in science programs.

MU Extension 4-H connects 5,176 young people to University of Missouri campuses, including many from Mercer County. Being on campus is a predictor of youth going onto higher education. 4-H youth are nearly twice as likely to go to college compared to their non 4-H peers. Youth who earn their bachelor's degree, increase annual earnings by \$2 million over their lifetime.

Missouri 4-H volunteers donate an average of 6 to 10 hours/week or 72 to 120 hours annually. The Independent Sector values a Missouri volunteer's time at \$21 per hour. *Missouri 4-H volunteers are providing \$15 to \$25 million in volunteer services annually.*



Agriculture-Livestock

Jenna Monnig—Livestock Specialist

Programs offered included “Cover Crops, Forages, and Animal Health” and “Backgrounding Calves”, in addition to one on one consultations and ration balancing.

Number of Mercer County residents served	23 Mercer County livestock producers
Total Hours of Collective Workshop Participation in 2017	~50 hours
What Did They Learn?	<p>At Backgrounding Calves, producers learned about different feeding systems for calves and which systems work best from a nutritional standpoint. Participants also discussed why backgrounding calves is profitable in the current cattle market.</p> <p>Producers attending Cover Crops, Forages, and Animal Health learned about choosing the correct cover crops for their operation and grazing goals. Other topics covered included strategies to combat fescue toxicosis and tailoring their vaccine and mineral needs to the NW region and their individual herd.</p>
How Did Participants Benefit?	<p>Producers decreased feed cost of gain and improved feeder cattle performance. They gained ideas and strategies to reduce costs and improve beef production. Participants also learned about available resources to help implement new grazing systems and increase production</p>
How Does This Work Make Mercer County and Missouri Better?	<p>University of Missouri Extension events provide relevant, research based information that allows producers to make informed decisions. By assisting livestock producers with forage management, ration formulation, and production goals, Livestock Specialists are able to help cattlemen reduce input costs and improve returns. These decisions impact their financial bottom line and ultimately determine whether or not they stay in business</p>

Family Financial Education

Meredith Berry— Family Financial Specialist

Vita Tax Preparation and Financial Education.



Number of Mercer County residents served

15 participants representing 12 households.

Total dollars returned from federal and Missouri refunds

A total of \$6,489 was returned in federal tax and \$1,279 in state refunds.

What Did They Learn?

Participants learned the importance of retirement savings, savings credit, and other tax credits how to lower tax liabilities, the consequences of bankruptcy, information about student loans and paying them back, the health insurance mandate, and rules for self-employment and taxes.

What Action Did They Take?

Many clients are repeat customers or referrals from past clients. Clients made appointments to have their tax returns completed and filed at no charge. The electronic filing provided faster refunds. Additional state returns were filed on behalf of Mercer County residents.

A client on a fixed income received a tax form incorrectly coded for a patronage. The incorrect information would have cost him several hundred dollars –which he had saved in anticipation. Extension filed paper work with the authorities to contest the coding, he did not owe for the patronage and was able to keep his savings for an emergency fund.

Some clients were encouraged to change their W-4 to lessen the burden of taxes to be paid in April.

A former client set up a retirement account after learning about the Saver's Credit last year.

Strategic spending for college expenses helped to maximize tax benefits.

How Does This Work Make Mercer County and Missouri Better?

In addition to the income and education, an average of \$90 per return was saved by having taxes prepared by University of Missouri Extension. Regionally, federal and state tax forms were filed for more than 300 households. In addition to Missouri tax returns, state returns for seven other states were prepared.

Supporting extension saved low income families the cost of a tax preparer and brought money to the area in refunds, earned income credit, child tax credits, and other tax credit benefits.

According to the IRS, regionally, the VITA program had an economic impact of over 2 million dollars in northwest Missouri.

Public Board Training

Joe Koenan — Ag Business Specialist



Number of Mercer County residents served	3 Mercer County Board Members
Total Hours of Collective Workshop Participation in 2017	18 hours of learning in 2, 3-hour evening sessions
What Did They Learn?	<p>Knowledge gained as result of attending program (1 being lowest, 5 highest):</p> <p>Before Program and After Program</p> <p>3.2 understand Sunshine Law and how it impacts our board 4.6</p> <p>3.0 know resources UOE has for boards and how to access them 4.8</p> <p>3.7 know how to make our board meetings run more efficiently 4.3</p> <p>3.7 understand the importance of having written board policies and procedures 4.2</p> <p>3.4 now know the fiscal responsibilities I have as a board member 4.8</p> <p>So as a result of attending this program, knowledge gained was significant.</p>
What Action Did They Take?	<p>As a result of attending this training:</p> <p>~ 100% of participants would recommend this program to others.</p> <p>~ 78% will adopt or amend their board policies and procedures.</p> <p>~ 67% plan to utilize printed materials from UOE related to public boards.</p>
How Does This Work Make Mercer County and Missouri Better?	<p>Participants not only consider this training very useful they also see Extension as a resource for their governmental questions. This helps them make better decisions at board and gives their constituents more confidence in their government.</p> <p>This helps Missouri by creating more effective leaders. Furthermore, it can help prevent poor decisions and even money issues and that frees the Missouri Secretary of State's office to pursue that are more critical.</p>

Family Nutrition Program

Micah Doty — Nutrition Program Associate



Number of Mercer County residents served

University of Missouri Extension's Family Nutrition Program (FNP) reached 498 participants directly and 193 indirectly with nutrition education in Mercer County during 2017 a significant percentage of which were low income. FNP provides information on nutrition, food safety, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies.

What Did They Learn?

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.

What Action Did They Take?

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.

How Does This Work Make Mercer County and Missouri Better?

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. 691 of these participants reside in Mercer 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.

Success Stories

I have been teaching Healthy Change Workshops at the Mercer County Food Pantry. During one of my lessons, I explained the importance of reading nutrition facts labels on food packages. Learning how to read food labels will let you know what is in the processed food you are eating and can help you find nutritious, healthy foods. Food labels can be confusing to understand, so I brought the Handy-Dandy Label Tool cards to help. As I passed out the cards, I explained what they were and showed them how easy they were to use. Later, I saw several participants using the cards to see which of the foods they chose were nutritious. What a great success for these participants and the Family Nutrition Program! These participants now understand how to read food labels and are able to make nutritious food choices by checking the label.

Princeton R-V Elementary: I got the chance to speak with a few mothers of 1st, 2nd, and 4th grade students while we were all in the school lounge. They were telling me how excited their children were that I was back at school again this year teaching nutrition classes. The mothers told me that since I have been coming to the school talking to students about how to be healthy; they are more willing to try new foods and are always looking for healthier snacks. What a great success for these children and the Family Nutrition Program! If, on their own, they continue wanting to be healthier and seeking ways to be healthier, these kids will more likely grow into strong, feel-good, healthy adults.

Horticulture

Horticulture Programming in Northwest Missouri

New and existing growers keep Tim Baker, Horticulture Specialist, busy almost year-round by answering questions and helping when troubles arise.

Educational meetings such as the Great Plains Growers Conference in St. Joseph are offered each year. Local meetings are held as well. In 2017, a workshop on the Food Safety Modernization Act (FSMA) was held at the North Missouri Produce Auction in Jamesport. Attendance at a FSMA Workshop is required for growers selling over \$25,000 in produce covered under the law. This requirement must be met by most growers by 2020.

(Right) A grant from the USDA provided the opportunity to help Farmers Market vendors improve their sales and marketing techniques. Vendors from Daviess, Harrison, Buchanan, and several other counties attended the workshop.



(Right) A gardener near Gallatin called about a problem she was having with her roses. After examining them under a microscope, Mr. Baker found the culprit... thrips. These tiny insects feed on flowers and cause extensive damage and even diseases.



(Left) A tour was held for MU Extension administrators in Jamesport. Blake Naughton meets Debbie Davis, while Rob Kallenbach discusses Extension programming with Jerry Baker. (Right) After the tour, an opportunity to hear from Marshall Stewart, Vice Chancellor for Extension and Engagement, about his vision and plans for MU Extension. Here, Dr. Stewart and Joe Lear (NW Regional Director) discuss Extension with Kristy Letner.



Diagnostic Services for Homeowners and Commercial Growers

Throughout the year, the Extension Center receives questions on horticultural questions, insect identification, weed identification, and even agronomic questions. When questions come in, Extension Specialists respond with timely, research-based information and a site visit when needed.



A Jamesport grower told Mr. Baker that he was having a problem with his tomatoes. Upon inspecting the tomatoes, Mr. Baker discovered a virus disease.



Extension gets all sorts of objects to identify. The senior center in Gallatin had this fruit donated to them. It turned out to be Chayote, an edible fruit related to gourds.



Invasive pests seem to be a continual problem. This year, Mr. Baker discovered that Japanese Beetles had arrived Daviess County. These pests attack all sorts of crops.

By supporting horticulture: When you support MU Extension's horticulture programs for commercial producers, farmers are aided in their battle with insects, diseases, and the everyday challenges of growing fruits and vegetables. Helping these growers gives Missouri citizens a source of locally-produced and nutritious food of much higher quality compared to food which has been shipped thousands of miles. More nutritious food leads to better health for everyone.



Water Festival and Farm Safety Day



 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

In 2017, 16 Mercer County residents attended MUCO conferences.

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

In 2017, one Mercer County firefighter participated in courses offered by MU FRTI.

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

In 2017, two Mercer County residents participated in courses offered by MU LETI

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
