

Program areas

Extension offers a range of programming to address the needs of Missourians at the local and statewide levels.

4-H Center for Youth Development

<http://4h.missouri.edu/>

For more than a century, Missouri 4-H programs have helped young people learn leadership, citizenship and life skills, meet key developmental needs and pursue educational goals. The University of Missouri 4-H Center for Youth Development provides education in leadership, citizenship and community service through 4-H clubs, school enrichment programs, special-interest activities, conferences and camps. Adult and youth volunteers routinely lead hands-on projects in science, conflict resolution, workforce preparedness and computer science, among many other topics. (For more information, see Section 10)

- Extension's 4-H program reaches 230,000 young people ages 5 to 18 from every corner of the state.
- Many 4-H projects, such as robotics, encourage hands-on learning in the fields of science, engineering, technology and math (STEM) and get kids to think at an early age about STEM careers where jobs await.
- One in five Missouri youths, ages 5 to 18, participate in 4-H educational programs.

Agriculture and Natural Resources

<https://cafnr.missouri.edu/extension/>

Agriculture and Natural Resources (ANR) Extension is built on Missouri's diverse natural and human resources and its sophisticated business base.

- In partnership with the USDA's Natural Resources Conservation Service and the soil and water districts, ANR Extension holds several Grazing Schools each year. The economic impact resulting from adoption of pasture renovation practices taught in these schools is estimated at \$83.6 million each year.
- The Water Quality program and select campus faculty support extension regional specialists on the development and implementation of

a course on Cover Crop Management. This course increases knowledge and understanding of the complexities of cover crop management to address environmental concerns and improve overall soil quality.

- The Missouri Show-Me-Select Replacement Heifer Program works with livestock producers to improve the quality of beef cattle herds. The heifer replacement program draws on the expertise of MU Extension specialists, veterinarians, beef producers and industry leaders to improve the quality of beef cattle herds across the state. Extension specialists apply the latest research in health, nutrition and reproductive science to ensure Missouri continues to be a national leader in providing a steady supply of quality beef.
- The Missouri Master Gardener program provides in-depth horticultural training to individuals throughout Missouri who then volunteer their time applying what they have learned to help educate communities about gardening and the environment.

Business Development Program

<http://missouribusiness.net/>

The MU Extension Business Development Program (BDP) is a statewide network serving an increasingly broad swath of Missourians. The BDP helps individuals and businesses succeed in every stage from career discovery and advancement, business concept to startup, growth to renewal, maturity to succession, through a variety of programs:

- **The BDP Workforce Program**, which assists dislocated workers and others seeking information on occupations and job training.
- **The Missouri Environmental Assistance Center (MOEAC)**, a one-stop resource for pollution prevention, environmental compliance and energy-savings assistance.
- **The Missouri Small Business & Technology Development Centers (MO SBTDC)**, which provide professional business analysis, business consultations, access to technology resources and educational training seminars on a wide variety of business topics.

- **The Missouri Procurement Technical Assistance Centers** (MO PTAC), which assist businesses — including small, disadvantaged and women owned firms — obtain federal, state and local government contracts.
- **The Mid-America Trade Adjustment Assistance Center** (TAAC), which equips U.S. manufacturers in three states to proactively respond to import competition.

Community Development

<http://extension.missouri.edu/cd/>

MU Extension community development programs result in engaged citizens, expanded leadership, broader inclusion of community members, buy-in from the community, adoption of policies, implementation of plans, sound proposals put before voters, and increased economic activity. Communities benefit from wise use of public and private resources.

- The Extension Community Economic and Entrepreneurial Development (ExCEED) program has helped communities identify measures that can be taken to improve their community's economic development. ExCEED has partnered with Missouri communities to:
 - leverage more than \$2.03 million in community endowments and grants,
 - generate more than \$298 million in new business investments,
 - spur 283 business startups and 32 business expansions, and
 - create 2,127 new jobs and retain 865 additional jobs.

Human Environmental Sciences

<http://extension.missouri.edu/hes/>

Human Environmental Sciences Extension improves Missourians' quality of life with face-to-face and online education that touches on many aspects of day-to-day life. HES Extension reaches Missourians in all 114 counties with programs in housing, personal finance, relationships, nutrition, health and physical activity.

- The St. Louis Healthy Corner Store Project — made possible by a partnership of MU Extension, City of St. Louis Department of Health and Public Safety, and the St. Louis Development Corporation — works with neighborhood corner

stores to increase access to healthy, affordable foods for neighborhood residents.

- With help from MU Extension, Old North St. Louis residents can sell and buy healthy, affordable locally grown produce from June through October, helping to alleviate the challenges urban areas face with urban food deserts.
- Health programming is available related to children, diseases, physical activity, rehabilitation, seniors and wellness.
- The Family Nutrition Education Programs (FNEP) reach out to youths through classroom education and adults in community settings in every county of the state. The goal of the FNEP is to help participants make behavior changes to achieve lifelong health and fitness. Each year, the FNEP reach millions of Missourians to educate them on the benefits of proper nutrition.

Nursing Outreach

<http://nursingoutreach.missouri.edu/>

Nursing Outreach promotes the continuing competency of Missouri's nurses through relevant, responsive and reliable learning opportunities with a strong focus on incorporating the latest evidence into practice. The program is positioned to extend the educational resources of the MU School of Nursing to registered nurses in Missouri and beyond. Both alone and in partnership with a number of organizations, Nursing Outreach provides face-to-face, online and telecommunicated educational programs for nurses and other health-care professionals.

- Nursing Outreach is the primary university-based provider of continuing nursing education in the state.
- Nursing Outreach boasts more than 50 years of state and national accreditation.
- Nursing Outreach is recognized as a leader in providing high-quality and affordable lifelong learning opportunities for Missouri's registered nurses, regardless of their specialty, practice setting, academic preparation or geographic location.
- Nursing Outreach stays on the leading edge by offering programs that reflect the latest research and a strong focus on evidence-based practice.

MU Fire and Rescue Training Institute (MU FRTI)

<http://mufrti.org/>

The University of Missouri Extension's Fire and Rescue Training Institute (MU FRTI) provides comprehensive continuing professional education and training to Missouri's fire service, emergency responders and allied personnel.

Because of its mission, MU FRTI directly impacts the well-being and protection of Missouri's over 29,000 firefighters and the 6 million citizens they serve.

The institute generates about 80 percent of its operational budget through federal, state and local grants; contracts; and fees. Its accredited course work is taught through a diverse statewide delivery system, providing accessible, multi-discipline, education and training.

During FY 2016, the Institute provided 160,472 instructional hours of training, conducting 637 individual courses with an enrollment of 13,828 students from all 114 Missouri counties, 34 other states and two foreign countries.

Every hour of instruction received and every emergency first responder trained translates directly into safer firefighters and safer communities.

Labor Education

<http://labored.missouri.edu/>

Since 1964, the program has worked with members and leaders of a variety of workplace-based organizations across the Midwest to help them develop skills to contribute to their organizations, to act effectively in the workplace and to be informed and active participants in their communities. During an era of severe economic crisis and rapid changes in the labor market, the challenges of effective leadership are expanding dramatically. The research, curriculum development and teaching efforts of Labor Education faculty aim to meet the immediate and emerging educational demands of leaders of complex organizations.

- Faculty develop programs in labor studies and the relevant aspects of the social and physical sciences to meet workers' educational needs in their institutional and employment relationships.

- The program increases the competence of labor leaders, helping them meet their responsibilities as contributing participants in their unions, as citizens in the community and as individuals in society.
- Labor Education faculty help develop internal resources to equip labor groups to fulfill a significant portion of their own educational requirements.
- They establish and broaden the academic base of labor studies through research and development of campus resources, faculty and student interactions and student instruction in the labor studies curriculum.

Law Enforcement Training Institute (LETI)

<http://leti.missouri.edu/>

LETI develops and provides reliable, up-to-date training and education programs to law enforcement professionals and civilian practitioners and laypersons. For almost 70 years, the institute's faculty and affiliated professionals have provided basic pre-service and specialty in-service instruction to law enforcement academy students and veteran officers who serve in local, state and national public safety.

- LETI offers three Class A-certified, 700-hour basic training academy classes that exceed Missouri's minimum 600-hour requirements for peace officer certification. Program delivery is modeled after police department structure. All lessons are taught by experts who have spent their career — or are still working — in the field.
- On average, 90 to 95 percent of academy graduates who are actively seeking a law enforcement career are hired within six months after completing the program.
- The institute increases the proficiency and prevalence of animal welfare professionals nationwide through its National Animal Cruelty Investigations program, which offers specialized veterinary and law enforcement training. More than 1,000 local, state and federal agencies in the U.S. and Canada have sent members to the program since 1990. The program is recognized as a leader in animal abuse and neglect investigations training and includes faculty from various organizations around the country.

- In 2012, LETI began offering personal safety, workplace violence and armed intruder response programs for civilians. In 2016, LETI presented personal safety/armed intruder training to more than 400 extension employees from all 114 counties in Missouri.

Missouri Training Institute

<http://mti.missouri.edu/>

The Missouri Training Institute (MTI), housed in the university's Trulaske College of Business, provides continuing education, custom-designed training programs and business consulting services for business and industry, public and nonprofit organizations and educational institutions. MTI's training informs, involves and inspires more than 10,000 professionals a year on a variety of topics, including supervision, management, leadership, human resources, communication, team building and others.

MTI also offers organizational consulting services in curriculum design, human resources, strategic planning, board development and facilitating board retreats. These services help organizations and their employees become more effective and improve their performance and results.

MU Conference Office

<http://muconf.missouri.edu/>

The MU Conference Office was created in 1963 to provide high-quality turnkey service meeting and conference management for noncredit educational programs such as workshops, seminars and symposia. Whether a meeting is hosted on the MU campus, elsewhere in Missouri or anywhere in the world, the offices' professional staff helps create the best learning environment for participants, while offering an opportunity to showcase our campus facilities, amenities, academics and research.

The MU Conference Office provides conference services for university clients as well as those around the nation.

Osher Lifelong Learning Institute

<http://extension.missouri.edu/learnforlife/>

Osher's mission is to provide a diverse repertoire of intellectually stimulating educational programs specifically designed for seasoned adults aged 50 and older with strong support from the hosting university and robust volunteer leadership.

Osher creates a pre-eminent community for retirees that is educational, creates social opportunities, enhances seniors' self-worth, physical and mental health, develops cognitive and life skills, and affirms the value of the seniors in our community.

Veterinary Medical Extension and Continuing Education

<http://vmth.missouri.edu/>

Veterinary Medical Extension and Continuing Education (VMECE) focuses on issues that have an impact on Missouri veterinarians and livestock owners. Factors such as disease risks, rising input costs and increasing regulations all impact the livelihood of farming operations. The primary goal of VMECE is to provide up-to-date information and consultation to veterinarians and livestock owners so they are better prepared to address these challenges. VMECE also works with the MU College of Veterinary Medicine faculty to provide continuing education seminars for veterinarians engaged in small animal and equine practice.