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Who we are

Dent County Extension Council
Janelle Blair
Jason Edwards, Vice Chair
Jim Freeman
Mark Freeman
Thom Haines
Lane Howard, Treasurer
Gary Larson
Alan McBride
Kendra Mobray
Brad Nash
Bob Parsons
Stevie Patterson
Patty Paul
Mike Price
Dan Riley
Krystal Sims, Secretary
Jason Stotler
Karla Tiefenthaler
Mark Tohlen
Teel Wisdom
Chris Welch, Chair
Traci Wulff

Dent County Faculty/Staff
Sarah Hultine Massengale
County Engagement Specialist in Community Economic Development
Linda Shelton
Youth Program Associate
Stephanie Wofford
Nutrition Program Associate
Brenda Jessen
Administrative Assistant
Cary Terrill
Administrative Assistant
Brooke Adams
Fall 2018 Intern
Sydney Gambill
Spring 2019 Intern

State legislators
Justin Brown
District 16 Senator
Jeff Pogue
District 143 Representative

Staff serving Dent County, (based in other counties)
Chantae Alfred
Family Financial, Phelps
Charles Ellis
Engineering, Lincoln
Pat Snodgrass
Housing, Crawford
Travin Shelton
SBTDC, Rolla
Karen Leatherman
SBTDC, Rolla
Rachel Hopkins
Ag Business, Washington

About us
Location:
112 East Fifth Street, Suite 4, Salem, MO 65560
Hours:
Monday-Friday, 8 a.m. – 4:30 p.m.
Phone 573-729-3196
Web: extension.missouri.edu/dent
Facebook: facebook.com/dentcountyextension

Dent County Commissioners
Darrell Skiles,
Presiding Commissioner
Dennis Purcell
Commissioner, First District
Gary Larson
Commissioner, Second District

2018 Dent County University of Missouri Extension Council operating budget

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<td>Total</td>
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Dear county commissioners and friends of MU Extension,

The past year has been extremely productive for University of Missouri Extension and Engagement. With the launch of our county engagement specialist model, which is the centerpiece of a long-overdue restructuring, we are better positioned to serve Missourians.

Most county engagement specialists are now in place and the formal training for this new position rolled out this fall. By January 2019, we expect our CESs to be well on their way to success. I see a great future for them and the communities they serve.

At the MU campus, we have been busy putting in place online resources that will benefit Missouri communities. In particular, the All Things Missouri web portal is an exciting tool that can help community leaders search for valuable data. I encourage you to check it out at https://allthingsmissouri.org/.

When 2018 began, we set out to meet with every county’s administrative body. This effort provided valuable insight and helped strengthen relationships; and as a result, we will engage in a similar effort in 2019. Meeting stakeholders and deepening county relationships is something we truly enjoy.

As you read your county’s annual MU Extension report, I am confident that you will be pleased with the results accomplished through county-based University of Missouri faculty. Our faculty take pride in their efforts to respond to local extension council input.

At the state level, we have committed to a goal of doubling the economic impact of MU Extension over the next decade. This goal of $2 billion in public value is ambitious — but, by meeting this challenge, we will help a great many Missourians.

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

Sincerely,

Marshall Stewart
Dear Friends of Dent County Extension,

First, thank you for your support! MU Extension has continued to provide practical education to Dent County and Missouri residents for over 100 years, and we continue to adapt to better respond to changing educational needs in our communities with our new All Things Missouri plan. We will continue to serve our communities and address needs in Economy, Health, and Education. When you support MU Extension, Dent County benefits.

This report provides highlights of our 2018 accomplishments to provide research-based education and services to Dent County. The success of University of Missouri Extension in Dent County depends upon the dedication and support of our Extension Council members, faculty and staff, and the community. A sincere thank you goes out to the Dent County Commission, City of Salem, and Judson Young Memorial Education Foundation for your continued financial support, and to the organizations, businesses and individuals who support our programs each year with financial donations and volunteer time. We thank you for your continued support and look forward to 2019.

Sincerely,

Chris Welch
Extension Council Chair

Dent County Extension Council members were recognized during the Annual Meeting and Banquet Feb. 13. From left, outgoing member Kyle Case; re-elected members Dan Riley, Patty Paul and Janelle Blair; and newly elected members Jason Stotler and Stevie Patterson, and re elected member and council chair Chris Welch. Dent County Extension longtime supporters Mike Thompson, past Extension Council member and president received Extension’s Leaders Honor Roll Award for their dedicated support of UM Extension and 4-H programs. Former Dent County Extension Council chair George Gruendel and Farm Bureau Representative Jim Freeman talk with Interim University of Missouri Provost Dr. Jim Spain, the featured speaker at the 2018 Dent County Extension Council annual banquet.
Linda Shelton, Youth Program Associate for University of Missouri Extension – Dent County, received the Staff Programming Award at the annual MU Extension Summit on October 24. The University of Missouri Extension Association (UMEA) annual staff programming award recognizes outstanding achievement by Extension staff members, with a focus on collaboration, effective communication, and customer focus. Shelton has served as the Dent County Youth Program Associate with MU Extension since February of 2003 and during her tenure, the Dent County 4-H program has grown and strengthened, and is recognized in our region for its size and engagement of youth, families, volunteers and community support. Shelton is pictured with James Quinn, UMEA Awards Chair, and Zac Erwin, President of UMEA.

Dent County Missouri Farm Family
Jarrod and Krystal Simpson and their children, Chase, 7, Rhett, 3, Trey, 5 and Hadlynn, 10 months, attended the 60th annual Missouri Farm Family Day, Aug. 13 at the Missouri State Fair in Sedalia. Back row from left, Marshall Stewart, Vice Chancellor for MU Extension and Engagement; Blake Hurst, President of Missouri Farm Bureau, State Fair Commissioner Nikki Whitehead, State Fair Queen 2018 Samantha Nelson, State Fair Commissioner Ted Sheppard, Christopher Daubert, Dean of MU College of Agriculture, Food and Natural Resources, and Christine Chin, Director of Missouri Dept. of Agriculture.
Agriculture and Environment

Ted Cunningham (former Livestock Specialist), Rachel Hopkins (Agricultural Business Specialist), Matt Herring (Agronomy Specialist), Rusty Lee (Agronomy Specialist), Sarah Havens (Natural Resources Specialist)

Protecting Missouri’s environment and natural resources while enhancing economic viability.

- **March 2018 Freeze Branding Workshop**: Topics for the workshop included all necessary steps required for properly freeze branding livestock using liquid nitrogen or dry ice, as well as information pertaining to the Missouri Brand Law. Participants also had the opportunity to assist in freeze branding replacement heifers at MU Wurdack Farm.

- **March 2018 Managing Forest Resources Workshop**: Timber Stand Improvement, Forest Farming and Mushroom Cultivation were topics at the Wurdack Farm program hosted in conjunction with the Center for Agroforestry.

- **April 2018 Heifer Workshop**: 33 producers engaged in discussions and learned various management techniques that produce high quality replacement heifers. Ted Cunningham covered Nutrition, Reproduction and Bulls Selection. Rachel Hopkins helped producers realize the costs associated with retaining replacements. The East Central Show-Me-Select president gave a brief overview of the program and let producers know of the opportunity to market quality heifers through the SMS program.

- **September 2018 Grazing School**: 14 producers from across the region attended the annual grazing school at Wurdack Research Farm. They engaged in a variety of topics ranging from soils, fertility, forage management, livestock nutrition, fencing systems and layout, economics and other topics. There was also field activities where they learned how to use grazing sticks for plant identification. In addition, participants did their own allocation with live animals to test their knowledge.

- **October 2018 Wurdack Research Center FFA Field Day**: FFA members from the East Central region attend this program to learn about agricultural topics, issues and potential studies. Faculty and researchers from around the state present sessions on a variety of innovative agricultural topics.

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Students learn about forestry, logging industry

High school students at this fall’s Vo-Ag Day at Wurdack Research Center learned about opportunities in the Missouri forest and logging industry. Trained loggers create healthy ecosystems and help double Missouri’s ag economy by 2030.

-Submitted by Sarah Havens, natural resources field specialist
Community Development
Sarah Hultine Massengale, Ph.D., County Engagement Specialist in Community Economic Development

Promoting principles of active participation in civic functions, inclusive decision-making, leadership development, and engaging people in their community is a core function of community development.

- **Selling Local Foods Workshop Series**: 43 participants from Crawford, Boone, Dent, Gasconade, Osage, Phelps and Pulaski Counties engaged in a two-session workshop to learn about opportunities for selling local foods to direct markets, business planning strategies, marketing techniques, customer service, food safety and shared kitchen regulations. Producers also had an opportunity to hear experiences from a local farmer panel and connect with other farmers during networking time in the workshops.

- **Vision 2040 Planning Process**: From January – December 2018, City of Salem and Dent County residents participated in a visioning process to consider their ideas and goals for Salem by 2040. A process led by Drury University Center for Community Studies facilitated community conversations and public input to identify community priorities and values, and design potential projects to accomplish those visions. A Vision Advisory committee, facilitated by MU Extension, helped the committee draft a vision statement for the community based on the public input that will be presented to the City in early 2019. This statement will help guide the city and community’s work and prioritize efforts for development.

- **Grow Well Salem**: Through grants and donations, MU Extension provided vegetable seeds to clients at Shepherd’s Nook Food Pantry, Catholic Church pantry, and school gardens at Green Forest R-2, Upper Elementary, Salem FFA, Oak Hill R-1, and gardeners at the Salem Community Garden. The seeds and gardening information reached 408 Dent County residents in 2018. This program helped to increase the amount of healthy, affordable food in the community.

- **Salem High School Internship Partner**: The Dent County Extension office hosted two student interns from Salem High School in 2018. The interns learned about MU Extension’s mission, programs and resources, and shadowed our faculty and staff to learn about individual program areas and career opportunities with University of Missouri. The interns also assisted our office with a variety of projects including the Grow Well seed project, 4H history documentation, and public relations through the annual report and Facebook postings.

- **Community Development Technical Assistance and Presentations**: In 2018, community development Extension provided technical assistance through phone calls, office visits, community presentations and other community activities. Examples of information provided to the community included community health impacts of improved housing, community demographic information for grant applications, resources for funding community infrastructure improvements, how to coordinate public input sessions, information for local news articles, and networking to connect agencies and volunteers. The MU Extension Community Development program helps build resilient, thriving communities through advising, support and direct action. Vibrant communities have strong social networks, engaged community members and build on the strengths, ideas and assets of the community to adapt to change and thrive.
Business Development
Karen Leatherman, Business Development Specialist

Across the entire state MU Extension business counselors provided start-up and management counseling, coaching, training and other assistance to individuals and companies. Counseling and coaching address just about any business topic.

In 2018, the Business Development Program assisted with the following outcomes for Dent County:

<table>
<thead>
<tr>
<th>Category</th>
<th>Outcome</th>
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</thead>
<tbody>
<tr>
<td>Sales Increase</td>
<td>$27,000.00</td>
</tr>
<tr>
<td>PTAC Awards</td>
<td>$2,323,846.00</td>
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<tr>
<td>Number of Awards</td>
<td>15</td>
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<tr>
<td>New Businesses Starts</td>
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<tr>
<td>Jobs Created</td>
<td>3</td>
</tr>
<tr>
<td>Jobs Retained</td>
<td>0</td>
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<tr>
<td>Total Capitalization</td>
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<tr>
<td>Businesses turned around or failures prevented</td>
<td></td>
</tr>
<tr>
<td>Acquired Assets</td>
<td>$0.00</td>
</tr>
<tr>
<td>Clients/Companies Receiving Business Counseling</td>
<td>9</td>
</tr>
<tr>
<td>Training Event Attendees</td>
<td>103</td>
</tr>
</tbody>
</table>

Family Financial Education
Chantae Alfred, Family Financial Education Specialist

"Financial education equips people with Knowledge and Skills and strengthens their Attitudes and Belief in Themselves to make and exercise Informed, Confident, and Timely money management Decisions!"

- **Media Efforts**: Radio Interviews broadcast in Dent County provided Financial Education to listeners. Topics Discussed: Scams Targeting Seniors, Financial Management, Financial Resolutions. The public information gives listeners updates about Extension programs and education in financial literacy. Improved financial knowledge leads to improved personal finances. People have more choices in making financial decisions. Improved personal finances helps to keep Dent County residents and the economy moving in the right direction.

- **Making Money Count - Elder Rights**: Local residents and community leaders attended a training program to learn about their rights as seniors. They learned steps to take to make sure their Estate Planning needs were in place for the future. Participants learned strategies to protect their rights as Senior Citizens and new legislation targeted for seniors. Participants learned how to communicate successfully with their families about their estate plans. A more informed individual has more control in the decisions about their life and property.

- **Medicare Boot Camp**: Extension in partnership with Edward Jones Investments and Central Missouri Area Agency on Aging (CMAAA) presented the free Medicare Boot Camp workshop to residents. Attendees learned about Medicare Eligibility, Enrollment, Benefits and Protecting their Medicare. They learned how to make the right Medicare choices and to know when and if changes can be made to the Medicare Coverage. The workshop was specifically for those nearing age 65, approaching Medicare eligibility due to a disability, had End-Stage Renal Disease (ESRD), were a caregiver or an individual working with Medicare beneficiaries. In 2018, twenty-five people participated in the Medicare Boot Camp program at the Phelps County location. A total of 50 hours of learning was completed. Two participants from Dent County attended the workshop.
Family Nutrition Education Program
Stephanie Wofford, Nutrition Program Associate

The Family Nutrition Program (FNP) brought $9,449,699.00 in federal funds to the state of Missouri. These funds were used to provide nutrition education to 735,541 Supplemental Nutrition Assistance Program (SNAP) 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.

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. Our Nutrition Program Associates (NPAs) are also continuing to provide information about the SNAP benefits program and offer assistance with SNAP applications.

Locally, in Dent County, 1,319 Youth and 7,174 Adult contacts were made for total of 8,493 contacts. The following is a list of the locations where participants were served in Dent County:

<table>
<thead>
<tr>
<th>Schools</th>
<th>Agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dent-Phelps Elem.</td>
<td>Country Mart</td>
</tr>
<tr>
<td>Green Forest Elem</td>
<td>Dent Co Food Stamp Office</td>
</tr>
<tr>
<td>North Wood Elem</td>
<td>Dent Co Pub/Comm Health Ctr</td>
</tr>
<tr>
<td>Salem Dev Preschool</td>
<td>Master's Peace Clinic of Hope</td>
</tr>
<tr>
<td>Salem Upper Elem</td>
<td>Pathways (Salem)</td>
</tr>
<tr>
<td>Wm Lynch Elem</td>
<td>Salem Fitness Center</td>
</tr>
<tr>
<td></td>
<td>Salem Senior Center</td>
</tr>
<tr>
<td></td>
<td>SEMO Treatment Center</td>
</tr>
<tr>
<td></td>
<td>Shephard's Nook Food Pantry</td>
</tr>
</tbody>
</table>

In addition to the numbers, Stephanie Wofford shared this success story demonstrating local impact:

I was walking through the halls at a school last week when one of the students saw me and ran up to give me a hug and ask if I’d be coming to their class that day. I assured her that I would and she let me know she was so happy about that. She was excited to tell me that she had been making sure she ate her vegetables, even the ones she usually didn’t want to eat. She said she also tried to make sure she ate her fruit at lunch every day and it wasn’t so bad.

I tell them that if they don’t hate a vegetable they need to eat it, even if it isn’t a favorite. They need to take control of their health by eating the foods that are going to keep them healthy and that’s why we talk about MyPlate and it is important to eat foods from all the food groups and different kinds of foods in each group. I remind them that we “eat to live, we don’t live to eat!” and if they fill up on healthy foods, they won’t have as much room to eat empty calories.

In summary, it has been another successful year in Dent County for FNP. We look forward in 2019 to more programming opportunities and continued progress in helping to improve the lives of Missouri families.
Dent County 4-H
Linda Shelton, Youth Program Associate

Engaging youth as valued members of the community in partnership with caring volunteers through experiential learning, community service and character building.

Number of Dent County residents served
The 2018 Dent County 4-H program had 171 youth, 51 trained volunteers and 9 youth leaders.

Total Hours of Project Participation in 2018
Dent County 4-H members participated in 2,168 hours of instruction and project work. Additional hours were spent demonstrating and exhibiting their projects.

What Did They Learn?
Dent 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 computer science and arts to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips. 4-H youth are engaged in programs anchored in science and equipped with the knowledge, skills, attitudes and health for the 21st century workforce.

What Action Did They Take?
Throughout the year, 4-H’ers participated in 4-H events, club activities and 4-H projects. These experiences offered youth a variety of ways to engage in their communities. 4-H youth also participate in a variety of regional and state educational experiences, which further develops a member’s learning opportunities.

Local, regional and state 4-H attendance:
- 4-H Summer Camp — 29
- 4-H Counselor Camp — 11
- Canine Camp — 1
- Shooting Sports Camp — 3
- Club Officer Training — 11
- Dent County 4-H/FFA Expo — 148
- Recognition Night — 78
- Million Trees Project — 14

Dent County Shoot — 10
State Shooting Sports Contest — 7
4-H Day w/STL Cardinals — 10
Move Across Missouri — 1
MO Show-Me Quality Assurance — 51
Missouri State Fair — 8
Livestock Judging Clinic — 8
National 4-H Shooting Sports Contest — 1

Involved in 28 community service projects, all four Dent County 4-H Clubs received state 4-H community service awards for their contributions to their local community. One club took on the 4-H Million Trees project to replace trees damaged or uprooted by a spring storm. They worked with city government and the local forestry department and made a difference in their local community.

Young people in 4-H are involved 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.

How Does This Work Make Dent County and Missouri Better?

Communities reap long-term benefits by supporting programs like 4-H. Youth engaged in the program are 60% more likely to vote than their non-engaged peers. 4-H youth are nearly twice as likely to go to college compared to their non 4-H peers. 4-H also prepares youth for the work place. Youth must be prepared to live and work in a world we cannot completely envision – competing for jobs that do not yet exist, using technologies that have not yet been invented to solve problems that have yet to be identified. 4-H is the only youth development program with direct access to technological advances in agriculture, life sciences, engineering, learning technologies and social sciences from the university system.
Dent County 4-H In Pictures

Top left: A class of market steers at the 2018 4-H/FFA Youth Expo.

Top right: Recognition night honors exemplary 4H club members and volunteers. Outstanding Boy, Daylen Harrison; Outstanding Historian, Isabella Black; Outstanding Treasurer, Tyffany LuCerne; Outstanding Reporter, Ashley Donovan; Outstanding Girl, Cece Reed.

Left: John and Ray Cunningham showed heifers at the Missouri State Fair.

Below left: Employees from Intercounty Electric Cooperative help campers learn about electricity with a hands-on project during 4H camp.

Below right: Spring 4-H Club preparing to plant trees for the 4-H Million Trees Project.
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 Spring Field 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

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<th>Student FTE</th>
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<td>Law Enforcement Training Institute</td>
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<td>4,345</td>
<td>281</td>
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<tr>
<td>Osher Lifelong Learning Institute</td>
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<td>2,976</td>
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<td>Agriculture, Food and Natural Resources</td>
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<td>Arts and Science</td>
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<td>Human Environmental Sciences</td>
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<td>Journalism</td>
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<td>MU Administration</td>
<td>5</td>
<td>2,065</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MU Extension</td>
<td>9</td>
<td>1,880</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>1</td>
<td>84</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conference Office Hosted</td>
<td>21</td>
<td>8,228</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conference Office Totals</td>
<td>64</td>
<td>20,117</td>
<td>1,079</td>
<td>1,207.0</td>
</tr>
</tbody>
</table>

**TOTALS**                                                      | 2,907                | 72,581           | 18,823                          | 2,307.7     |

This table includes noncredit activities reported through MU continuing education units and does not include contacts by cooperative extension specialists.

Educational Contacts — FY 2018

<table>
<thead>
<tr>
<th>Impact area</th>
<th>Direct contact total</th>
<th>Indirect contact total</th>
<th>Total contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Environment</td>
<td>33,450</td>
<td>102,895</td>
<td>136,345</td>
</tr>
<tr>
<td>Youth and Family (HES)</td>
<td>677,464</td>
<td>350,822</td>
<td>1,028,286</td>
</tr>
<tr>
<td>Business Development</td>
<td>29,210</td>
<td>206,632</td>
<td>235,842</td>
</tr>
<tr>
<td>Community Development</td>
<td>21,486</td>
<td>7,096</td>
<td>28,582</td>
</tr>
<tr>
<td>4-H</td>
<td>137,411</td>
<td>178,928</td>
<td>316,339</td>
</tr>
<tr>
<td>Conferences &amp; Institutes (MTI)</td>
<td>141</td>
<td>157</td>
<td>298</td>
</tr>
</tbody>
</table>

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

Direct contacts refer to participants who engaged in programs, courses or activities individually or with a group. Indirect contacts include people reached at public events and through printed and online materials or content.
Dent County

UM System Footprint in the county in 2018

Fall county students

19 students
- 15 Undergraduates
- 4 Graduate and professional students
- 13 Full-time students
- 6 Part-time students

County employees and retirees

24 people employed by UM
- 22 Campuses
- 2 UM Health Care

4 UM retirees and beneficiaries

UM salary and retirement income: $855,092
UM state tax revenue: $28,904
UM federal tax revenue: $134,307

County alumni

Selected school alumni
- 6 Nursing
- 1 Dentistry
- 2 Pharmacy
- 1 Optometry
- 1 Veterinary Medicine
- 7 Agriculture
- 19 Engineering
- 1 Law

Alumni teaching K-12
- 18 teachers
- 10% of all district teachers
- 3 principals and administrators
- 30% of all district principals and administrators

County services provided

Health care
- 166 patients seen at UM Health Care, with $44,538 of uncompensated care

Extension
- 19,596 Total educational contacts from MU Extension to residents of district counties, including:
  - 1,158 contacts related to productive farming, better gardening, and managing natural resources
  - 16,990 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
  - 1,448 contacts related to starting businesses, developing community leaders, or renewing the local economy

Construction projects
- $1,067 remitted to 1 county vendor, for 1 project

County properties and offices

Wurdack Farm
MU Extension in: Dent County
UM System Statewide Footprint

Economic and Community Development Highlights

- Business development specialists worked with small businesses and entrepreneurs statewide to create 11,559 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 FY2012 and FY2017, 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 2018, the university was issued 39 patents and filed 78 patent applications.

- In 2018, the UM System construction projects resulted in a total investment in the state of $122.7 million.
  
  In FY 2018, Missouri Telehealth Network brought the expertise of University of Missouri Health Care physicians to underserved areas—2,164 patient consults in 43 counties.

Education and Training Provided

- 72,581 police, fire fighters, and medical professionals attending continuing education

- Agriculture and natural resource programs served 136,345 farmers and related businesses

- 316,339 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs

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 2018, 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 (DSED/A) • 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

For more information, go to: umurl.us/impactdata