UNIVERSITY OF MISSOURI EXTENSION
Gasconade County
2020 ANNUAL REPORT
December 1, 2020

Dear county commissioners and friends of MU Extension,

Few of us have experienced a year quite like 2020. The COVID-19 pandemic has brought each of us so many unforeseen professional and personal challenges. Yet, as difficult as the last months have been, they have also called us at University of Missouri Extension and Engagement to think about our work differently and find new ways to serve and respond to Missouri’s needs.

We are working harder and more innovatively to develop local and statewide partnerships and collaborations that help us improve lives, communities and businesses across the state. Through our four UM System universities, we are working to expand our state’s broadband access and support statewide efforts to prepare our workforce for 21st century opportunities. This work is key to keeping Missouri’s economy competitive and helping people and communities in every part of our state thrive.

We continue to expand and develop tools like the All Things Missouri web portal (https://allthingsmissouri.org) that provide a wealth of data local leaders can use to pinpoint county and community needs and plan for coordinated solutions. New COVID-19 tracking tools, for instance, help county health departments accurately assess the local impact of the virus and coordinate targeted responses. A new Missouri Food Finder tool (https://mofoodfinder.org) matches consumers with growers and producers to create a market for locally grown foods. The UM System Community Connect web portal (https://community.umsystem.edu) showcases the many resources, services and faculty programs available to the community through each of the four universities in the UM System. Please explore and use these tools. Tell us how we can improve them to better serve you.

Whether online or in person, we are committed to working with you to deliver knowledge, resources and programs that best meet your communities’ interests and needs. I hope you see the impact of that work in this year’s county annual report — just as you see your own hand, as key stakeholders, in making this work possible.

We greatly appreciate your support of MU Extension as partners within your community. As always, I welcome your input on how the University of Missouri can better serve you as we look forward to a brighter year ahead.

Sincerely,

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

**Faculty and staff**

Lydia Nipper, County Engagement Specialist, Nutrition and Health

Nancy Stephan, County Support Staff

Brenda Humphrey, Youth Program Associate, 4-H

Tanner Adkins, Field Specialist, 4-H

Anita Ellis, Field Specialist, Livestock

Charles Ellis, Field Specialist, Agriculture Engineering

Dave Hileman, Field Specialist, Human Development and Family Sciences

Richard Proffer, Field Specialist, Community Development

Rusty Lee, Field Specialist, Agronomy

Deborah Raaf, Nutrition Program, Manager

Rebecca Fuchs, Nutrition Program, Administrative Support

Teresa Deford Petefish, Nutrition Program, Coordinator

Elizabeth Smith, East Central Region, Regional Director

**Council members**

Dorothy Schoening, Chairman
Allison Grzeskowiak, Vice-Chairman
Jenni Crosby, Secretary
Jennifer Eiler, Treasurer

Gene Rademacher
VACANT
Susan Lenger

Julie Warren
Neil Kramme
Liz Manning

Larry Miskel, County Commission
Sarah Wehmeyer, Farm Bureau
Vacant, City of Owensville
Dr. Robert Koerber, City of Hermann
Dylan Fries, MFA
Sarah Powers, 4-H
Janice Micke, Master Gardeners

**County commissioners**

County Commissioners
Larry Miskel, Presiding Commissioner
Jim Holland, Northern District
Jerry Lairmore, Southern District
MU Extension is a unique funding partnership.

Extension funding is a three-way partnership of federal, state and county government. Federal and state money, through the University of Missouri system, pay professional staff salaries, training costs, computers and communication equipment. County funds support the local office, secretarial and youth assistant salaries, staff mileage and council expenses.

The Gasconade County Extension Council, faculty and staff would like to express our appreciation to the Gasconade County Commissioners for their continued support of extension programs.

Appropriations budget

<table>
<thead>
<tr>
<th>Income</th>
<th>County Appropriations</th>
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<td>Insurance</td>
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<tr>
<td>Elections and Special Events</td>
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<tr>
<td><strong>Total Expenses</strong></td>
<td><strong>45,346.56</strong></td>
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</table>

Much of this remainder was due to the COVID-19 pandemic, and this does not reflect a normal year. Remaining funds have been carried over to apply towards future excess costs.

Key outcomes and numbers

- 6 grazing school events held
- LETI recertified 12 officers in firearm training
- The University of Missouri has launched MU Community Connect, a platform designed to improve opportunities for connection between the university and various populations in the communities they serve.
- Virtual workshops via Zoom began to inform childcare providers about the importance of sleep
- SBDC held multiple classes to help Missourians learn about starting a business and how to write a business plan
- Farm Tax Workshop classes began to help farmers navigate their taxes
- 16347 people served by university system

Return on Investment

| University System Investment | 110,986.55 |

*Approximate number based upon 2021 Average Compensation cost for University staff dedicated to Gasconade County.

Local Support

Did you know you can donate directly to Gasconade County Extension with a gift to be used immediately or as an endowment contribution for long term efforts. Monies put into the endowment are left forever to earn interest with the county office benefiting each year. You can also direct your donation to a specific program such as 4-H or Master Gardeners.
Private Pesticide Applicator Training

Upon completion of the training, participants were able to:
1. Recognize the need to correctly identify pest organism prior to choosing a pest management strategy.
2. Understand the concept of economic thresholds and economic injury levels when making pest management decisions.
3. Possess a basic understanding of biological control and other non-chemical methods of pest management.
4. Better understand the format and information provided on each pesticide label.
5. Recognize the importance of using label information in all phases of application.
6. Understand the importance of having a Material Safety Data Sheet, and other materials available when applying pesticides.
7. Understand the need for proper selection and use of protective clothing and safety equipment.
8. Understand the importance of the “Restricted Use Pesticide (RUP) designation for certain pesticides.
9. Consider environmental impacts when selecting a pesticide for use.
10. Consider impact of pesticides on water sources when applying a pesticide.
11. Understand the need and procedure to develop an emergency plan (fire, storm, flood, other) with local emergency officials.

This program enables farmers to meet the legal requirements mandated by the Environmental Protection Agency and the Missouri Department of Agriculture’s Bureau for Pesticide Control on the safe and proper use of agricultural pesticides on their farmlands, including restricted-use pesticides (RUPs). This enables farmers to meet society’s demands for lessening agriculture’s environmental impact.

Grasslands Project

A cooperative agreement was made between the U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS) and the Curators of the University of Missouri (MU). This partnership made way for University Extension Field Specialists in Animal Health and Plant Health to improve grassland sustainability in Missouri.

For Gasconade County, Field Specialist in Agronomy Rusty Lee has assisted three operations. This assistance involved multiple days over an extended period of time. It included one-on-one consultations with producers to assess their current grazing system, inventory of forage assets and created awareness of the science and technology available to reduce expenses and improve the profitability of their grazing livestock operations.

Additional long-term benefits of these planned program consultations were the enhanced and expedited technical assistance to support the implementation of conservation practices and farm bill programs. Guidance provided to producers for participation in cost-share programs, such as Environmental Quality Incentives Program, had a significant impact on reducing their financial costs in implementation of improved practices.

Heifer Development Workshop

Twenty-two people from Gasconade and five other counties turned out for the Heifer Development Workshop at the Gasconade County Extension Office in January. The goal of the workshop is to broaden the participant’s management techniques that produces high quality replacement heifers.

Anita Ellis covered nutrition, reproduction and bull selection. Rachel Hopkins helped producers realize the costs associated with retaining replacements. The audience engaged with both speaks with relevant questions about retaining heifers. Based upon the evaluations, participants planned to implement many talking points of the workshop (pelvic measuring, tracking costs, breeding weights, AI, body condition and many more).
Show-Me-Select Program and First Central Region Sale

The Show-Me-Select program focuses on increased adoption rate by farmers in Missouri of management practices that offer potential to improve long-term reproductive efficiency of their herds and resulting profitability. Focus is put on increasing marketing opportunities and adding value to Missouri-raised heifers with the creation of reliable sources of quality replacement heifers in terms of genetics and management.

Two Gasconade County producers enrolled in the program. With a total of 145 heifers at the first Central Region Show-Me-Select Heifer sale at the South Central Regional stockyards, the average was $1735. Compared to a similar central area replacement cow/heifer sale around the same time (which averaged $1168), producers saw a $567 premium for their heifers in this program. For all Gasconade County heifers, this totaled to $8,505 added value.

Backgrounding 101

Formatted as an online event, participants learned more about the facet of beef management that is referred to as Backgrounding. While many of the beef cattle operations in MO are cow/calf, this is another opportunity to market beef. Wesley Tucker presented Marketing & Economics, Dr. Eric Bailey presented two Nutrition talks as well as discussed management and other strategies, Dr. Craig Payne presented Health, Dr. Joe Zulovich presented Facilities, and Jack Harrison discussed his backgrounding operation in Callaway county and answer participants’ questions.

Mid-Missouri Grazing Conference

Held at the Knights of Columbus in Cole county with 1 Gasconade county residents of the 74 participants, the Agriculture Field Specialist of Extension and Missouri Department of Conservation Soil & Water Conservation Districts in Central Missouri, Lincoln University, FCS Financial, and NRCS partnered to put on this annual event.

Participants learned about topics: Cool-season and annual forage establishment; Warm-season grass establishment and production; Missouri’s Fence Law; Calving 101; Forage Systems for Grazing Livestock; Pasture-Based Sheep and Goat Production; and Matching Stocking Rate to Forage Resources.

Participants had higher knowledge scores after the sessions than before for all speakers, ranging from 27% improvement to 40% improvement in knowledge.

Missouri SBDC for Agriculture, Food and Forestry

In the summer of 2020, a joint partnership between MU Extension and the Small Business Development Centers (SBDC) created the Missouri SBDC for Agriculture, Food and Forestry. This partnership offers no-cost, one-on-one personalized assistance for business owners, entrepreneurs and farmers in Missouri. The center has a range of skills and specialties and serves all agricultural business with a particular focus on commercial horticulture, food and forestry, livestock and value-added meats.

Extension faculty who provide business counseling are located across the state to best serve the clients. They can assist with technical advice, financial management, business planning, business model pivots, value added propositions and many other services.

In 2020, Rachel Hopkins assisted one client in Gasconade County. They received on-on-one guidance in navigating and applying for the Meat and Poultry Processing Grant.
This year the University of Missouri (MU) Extension Labor and Workforce Development (LWD) team pivoted towards more innovative and responsive programming. Their integrated marketing and delivery initiatives reached new audiences and delivered crucial information and resources to even more Missourians.

Workforce development was the theme for the UM Extension & Engagement Week, many virtual events were held and LWD launched a new interactive Workforce data and mapping tool. This new tool will help workforce stakeholders better understand their local workforce dynamics.

The onset of the pandemic challenged LWD to create new opportunities for engagement.

✓ Over the past year, LWD offered approximately 60 webinars to business, labor, and community leaders across the state of Missouri.
✓ Responsive webinars brought timely information to more than 1,000 registrants.
✓ Along the way, LWD gained nearly 600 social media followers across the state and the nation.

Statewide: 60,000+ Digital Engagements
Innovative and integrated marketing efforts harnessed the connective power of a client email platform and virtual conferencing.

Statewide: 48,000+ Social Media Engagements
Social media and live streaming webinars further extended LWD’s programmatic reach across the state and the nation.

• January 13 – COVID-19 and Missouri’s Workplace, Labor Law Series
• January 14 – Genetic Information Nondiscrimination Act, U.S. Department of Labor
• February 2 – Change is Coming to the Show-Me State, Economic Implications of Climate Change
• February 11 – Joint Council of Extension Professionals Social Media Engagement presentation

• Building connections and engagement with Missouri’s Labor Unions
• 2021 Labor Law Series marketing and promotion
• Engaging with small businesses around Workforce Data Analytics
• Connect with MU Labor and Workforce Workforce Updates, LWD@Facebook, LWD@LinkedIn, Greene County@Facebook, MUExtension417@YouTube, LWD Newsletter
4-H Youth Development

A community of 171 4-H Youth learned life skills, contributed to their community, and participated in college and career readiness programs. Findings from a 2019-20 evaluation study reveals that Missouri 4-H do the following.

**Missouri 4-H Inspires Kids to Do**
95% said they are willing to work hard on something difficult.
80% set personal goals.
96% said they try to learn from their mistakes.
97% said they treat others the way they want to be treated.

**Missouri 4-H Grows True Leaders**
91% said they like to learn about people who are different from them.
91% said they think about others feelings before they say something.
76% reported feeling comfortable being a leader.

**4-H Builds Leadership and Communication Skills**
86% help others reach their goals.
69% comfortable speaking in a group.
98% said they show respect for other’s ideas.
86% Can work with someone who made them upset.
93% Look for ways to involve all members of a group.

**4-H Builds Social and Emotional Skills**
92% said they keep trying until they reach their goals.
85% Stop to think about their choices, when making a decision.
98% reported that they like to learn new things.
67% of Missouri 4-H’ers surveyed said they are willing to try something they might get wrong.

**Top six Top Skills Developed because of 4-H:**
1. Leadership
2. Building Relationships/Meeting new people
3. Project Skills
4. Willing to try new things
5. Public Speaking/Presentation Skills
6. Sportsmanship/Handle Competition

**What youth enjoy most about 4-H:**
1. Exhibiting at fairs
2. Participating in projects
3. Going to Camp
4. Community Service
5. Participating in Contests

**Career Readiness**

- 75% said 4-H Helped me decide what I will do after high school.
- 96% said 4-H has given me skills that will be helpful after high school.
- 86% said I know what I want to do after high school.

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. This brings relevant science content and hands-on learning that helps youth thrive (Arnold, Bourdeau, & Nott, 2013).

In Gasconade County youth were engaged in 356 science related projects and experiences.
4-H Youth Development

4-H Clubs

- A total of 171 youth participated in Gasconade county 4-H. Gasconade 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 science and arts to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips.

Volunteers

4-H members are supported by 71 youth and adult volunteers. Volunteers are the core of the 4-H Program. They help to create, support and deliver educational programs and experiences. Missouri 4-H volunteers report contributing on average 100 hours per year to the program. Valuing their time at $27.20 per hour (Independent Sector, 2019), the contribution of Gasconade 4-H volunteers was worth more than $193,000 in 2020. More importantly, these individuals serve as role models and mentors for youth.

QuaranTIME

To keep youth and volunteers active and engaged during a period of quarantine due to Covid-19, Missouri 4-H implemented a series of online activities from mid-March through the end of May 2020. We used Facebook to house these activities and branded the overall experience as QuaranTIME. Monday through Friday we had a schedule of events that included the QuaranTIME Challenge, healthy living posts/videos from the 4-H State Council, a Cooking Connection segment from our partners in HES, 4-H Online: Learning episodes, and Chick Watch.

Chick Watch

Each spring, 4-H sends many incubators into elementary classrooms so that youth can learn about embryology and watch the chicks hatch. Schools went into shut down about the time the eggs were being distributed. 4-H State Specialist Laura Browning took an incubator and eggs to her home and set up a nest cam. The nest cam live streamed to 4h.missouri.edu for anyone to watch the eggs. Each day on Facebook, Laura posted an educational piece to teach what was happening inside the egg. There was a total of 16 Facebook posts, which resulted in a total reach of 25,334 with 1,135 engagements.

References


Educational Access & Excellence

Traditions at the County Fair

Although the full Gasconade County Fair did not advance in 2020, with a few adjustments, the youth exhibition portion of the fair proceeded to allow local youth to exhibit their year of hard work. 4-H building exhibits, livestock shows, and the market animal auction were all a success! Thirty-two 4-H projects were selected and sent to the Missouri State Fair in 2020. During the county fair, 4-H members receive feedback from trained judges for their projects. This feedback helps members improve their knowledge and skills for future life-skills success.

Regional Energizer

Each year, the 4-H East Central Region holds a Regional Energizer to allow youth to meet 4-H members from other counties, learn about new project areas, and hear from motivational speakers cover simple tasks members can focus on to improve their learning and leadership skills. Gasconade County had five members attend in 2020.

4-H County Career Connections

High school students in Gasconade County explored local job opportunities for their future through “4-H County Career Connections”. County 4-H staff produced videos, interviewing business and career leaders from local communities, highlighting their jobs as a possible career for youth. The program’s goal is to expose high school students in Gasconade County to careers they can pursue, to stay in their local communities after graduation.
Quarantime Cooking: A collaboration between 4-H and Nutrition and Health Specialists

When the COVID-19 pandemic struck our state and sent schools and businesses into lock-down mode, University of Missouri did not stop working. Instead, we pivoted from our original plans to assess how we could still serve Missourians with the safety of social distancing. One way we were able to still provide educational opportunities to students at home was through a collaborative approach, with led to the development of “Quarantime”, which was a daily virtual session on cooking in the home. These segments were broadcast via Facebook throughout the entire State of Missouri.

This online educational opportunity for “Cooking with Kids” provided information related to: food safety, healthy eating on a budget, physical activity at home, and boosting the immune system. Videos were developed by individuals and uploaded to a shared drive. In total 54 videos were completed between Monday, March 30 and Friday, June 12, 2020.

Recipes were pulled from existing curriculum and vetted sources including: Cooking Matters (Share Our Strength), Food Hero (Oregon State University), Kids in the Kitchen (MU Extension), MissouriFamilies.org (MU Extension), Seasonal and Simple (MU Extension), Show Me Nutrition (MU Extension), Show Me Simple and Healthy Recipes (MU Extension).

Cooking Matters: At Home

Cooking Matters is a 6-part series that traditionally meets for 2 hour segments over the course of 6 weeks in person. This course teaches skills in the areas of food resource management, food safety, nutrition, and physical activity. When the pandemic struck, these key skills were more vital to families than ever as Missourians were facing unemployment, groceries were scarce, and staying home and safe was top priority.

The need for these skills was obvious as course enrollment for the online adaptation filled each session and received excellent feedback. Over the course of 6 online sessions, participants viewed live cooking demonstrations for critical skills such as blanching, shopping with a list, how to save at the store, freezing foods, stretching ingredients, how to read a recipe, knife skills, hand washing, ways to avoid cross-contamination, and strategies to increase fruit and vegetable consumption.

“I can’t thank you enough for this class and all I’ve learnt from you so far. I would never have attempted this before this class. You have definitely changed my cooking skills. Thank you so very much.”

-course participant

33 people served by this program
Health & Well-being

A Matter of Balance

This research based course is an award winning program designed to reduce the fear of falling and increase the activity levels of older adults who have concerns about falls. According to Ann Schluter, CFO for Community Hospital in Fairfax, Missouri, recent data collection shows that by 2030, 25% of Missourians will be over the age of 65. Of those surveyed, 90% wish to age in place, meaning in their homes as opposed to a care a facility. By supporting programs like A Matter of Balance, Gasconade County citizens can benefit from this program and age in place as well. Prior to the pandemic, 8 Gasconade County citizens attended the in-person Matter of Balance Course in the county.

“Coming to this class makes me confident in staying active, and I enjoy coming together with people from my community”
-class participant

Stay Strong, Stay Healthy

Stay Strong, Stay Healthy (SSSH) aims to provide inactive middle-aged and older adults with access to a safe, structured and effective exercise program capable of building muscle and increasing bone density, thus decreasing frailty, osteoporosis and the risk of falls. SSSH helps participants meet the Centers for Disease Control and Prevention’s physical activity recommendations. SSSH challenges participants through incremental increases in exercise volume and intensity. Led by a certified instructor, participants complete a warmup, a prescribed set of upper- and lower-body strengthening exercises and a cool-down at each class. Participants are made to feel comfortable regardless of their current fitness level so they can safely participate and gradually build the strength beneficial to health. In light of the pandemic, campus faculty adopted this series to a digital format to be able to continue delivering instruction virtually and serving Missourians.

Healthful Thoughts Thursdays

In spring of 2020 when Missourians were working from home just as the rest of the country in efforts to reduce the pandemic’s impact, East Central Region Nutrition and Health Specialists banded together to put on a virtual 6-session series on various nutrition and health topics via zoom. These topics were selected based upon relevancy to our new reality and included food substitutions in cooking, the benefits of body weight exercises, mental health care, and more. This series provided educational opportunity to participants, as well as a platform for connection and socialization to combat the isolation people were experiencing during this trying time. Due to the being held virtually, we were able to serve Missourians from all over the East Central Region and beyond.
Family Nutrition Education Programs

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought $9,964,840.00 in federal funds to Missouri. The funds support engagement with 723,461 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri. There were 3,209,545 direct educational contacts. This year we had 2,817,878 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

Participants in SNAP-Ed learn the importance of making healthier meals and snack choices, eating breakfast more often, are more willing to try new foods, increase their physical activity, and make healthier food choices. Those who practice healthy eating and are physically active are more likely to contribute to a healthy labor force and enjoy a high quality of life throughout the lifespan.

This vital programming effort also reduces healthcare costs over the participant’s lifetime, saving taxpayer 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 benefits applications.

We look forward in 2021 to more programming opportunities and continued progress in helping to improve the lives of Missouri families.

We would like to wish you all the best in the New Year!

Teresa DeFord Petefish
East Central FNEP Coordinator

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

<table>
<thead>
<tr>
<th>Location</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasconade Head Start</td>
<td>Gasconade-Osage County Health Dept</td>
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<tr>
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<td>(Hermann)</td>
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<tr>
<td>Owensville Elem</td>
<td>Helping Hands Outreach</td>
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<tr>
<td></td>
<td>Owensville Senior Center</td>
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Even with the challenges of COVID, 533 Youth and 2,145 Adult contacts were made, for a total of 2,678 contacts in Gasconade County.

I was doing the Back to School Fair in Owensville when one of my students from last year came to my booth and stated, “I remember you! I want you to know that I remember what you said and I am trying to eat healthier.” I asked him how he was doing that. He stated he was eating more fruits and veggies and he liked trying new ones now. I ask him what new fruits and veggies he has tried and he gave me a long list. He also stated that he is working on the rest of his family to try new fruits and veggies. We then went on to talk about activity and if he was getting more – which he said he was. I also asked him if he was able to get his family involved in some activity, to which he stated “sometimes.” I told him sometimes is better than not at all and to keep up with his good work.

-Dawn Hicks, Nutrition Program Associate
Focus on Kids
Focus on Kids provides divorcing and separated parents with information to make divorce successful for the children by helping parents learn co-parenting skills and understand how to help the children cope with the big change in their life. Program evaluations indicate that participating in the Focus on Kids can reduce the level of conflict between parents and therefore reduce the level of stress on children. Parents learn how to nurture and support their children during and after separation and divorce, which leads to more children being raised in a healthy, low-conflict environment. This benefits other community members by reducing the need for community health services for children.

MU Extension Field Specialists in Human Development collaborate with judges in the 20th Judicial Circuit to provide Focus on Kids classes.

Child Care Provider Classes
2 Gasconade County Child Care Provider participated in at least one of the classes.

The staff who work in licensed child care centers must obtain 12 clock hours of professional development each year for the site to maintain licensure. MU Extension Field Specialist in Human Development offer local classes to provide convenient opportunities for the child care providers to obtain the hours needed. Due to the pandemic, classes were offered via zoom in 2020. A total of 16 classes were offered. Each class was repeated twice, once in the afternoon and once in the evening for the convenience of the child care providers, and each offered two clock hours of professional development.

Child care provider training impacts communities by meeting the three grand challenges MU Extension seeks to address.

Providing quality educational programs to child care staff, at a convenient time and in a convenient location, increases their knowledge of best practices in procedures and their understanding of child development. This allows for a greater quality of child care for the children they work with.

One-year follow-up surveys indicate that nearly 75% of former FOK participants report the program as being helpful and worthwhile, still credit the program as increasing their knowledge and usage of positive co-parenting behaviors, and reported significant reductions in co-parenting conflict.

35 Gasconade parents were served by this program
Health & Well-being

Osage/Gasconade Treatment Court Life Skills
The 20th Circuit Court requested Dave Hileman, MU Extension Field Specialist in Human Development, to provide life skills lessons for the Osage/Gasconade Treatment Court. A plan was developed to provide 8 classes in 2020. Due to the pandemic, all but one of the classes was cancelled. However, the February Class on Communication Skills to Help Reduce Conflict was delivered to 11 participants from Gasconade and Osage Counties.

All of the participants were able to list two things they learned from the class that they would try going forward.

Building Strong Families for Clients of Gasconade and Osage County Children's Division

The Gasconade and Osage County Children’s Division of the 20th Circuit Court asked Dave Hileman, MU Extension Field Specialist in Human Development, to provide parent education classes for parents who are seeking to regain custody of their children. A plan was developed to provide the class four times each year, twice in Hermann and twice in Linn. The class included education in Family Strengths, Positive Discipline, Setting Goals and Communication Skills to reduce conflict. Due to the pandemic only three classes were held in 2020, all of them in Hermann. A total of 14 parents attended one of the parenting classes. All were able to indicate how they would try to use the information received in each session to strengthen their family and other relationships.

Mental Health First Aid
Youth Mental Health First Aid training presents an overview of mental illness and substance use disorders in the U.S. and introduces participants to risk factors and warning signs of mental health problems, builds understanding of their impact and overviews common treatments for youth age 12-18.

Participants who take the 8-hour course are certified as Youth Mental Health First Aiders. They learn a 5-step action plan encompassing the skills, resources and knowledge to help an individual in crisis connect with appropriate professional, peer, social, and self-help care. Dave Hileman, MU Extension Field Specialist in Human Development provided an eight-hour Youth Mental Health First Aid class for the 27 members of the Hermann High School faculty and staff. The class was sponsored by the School Board’s Association of Missouri. The participants indicated that after the class they felt much more prepared to assist a student or other youth who might be facing a mental health challenge or crisis.

The participants indicated that after the class, they felt much more prepared to assist a student or other youth who might be facing a mental health challenge or crisis.

27 members of the Hermann High School Faculty were trained in this program.
County highlights

Tigers for Troops Veterans Clinic

In partnership with MU Extension, Tigers for Troops brings together attorneys experienced in VA and DOD law, students earning their law degrees from the University of Missouri, and VA healthcare enrollment experts to help connect veterans with vital resources. Information will be available on VA disability claims, discharge changes and healthcare eligibility at no charge. This clinic was held in Gasconade County on March 8, 2020 at the Extension Office. Veterans who attended received a FREE 45-minute consultation regarding their inquiries. 8 Veterans from Gasconade and the surrounding area were served by this program.

2020 State Fair Farm Family

The 2020 Gasconade County State Fair Farm Family was the Jeremy and Jessica Diebal family. Gasconade County is proud to be represented by this family whose roots run deep in the county. Unfortunately due to COVID, families were not able to attend the state fair, but will instead be formally recognized in 2021. We look forward to this celebration and highlighting the Diebal family once more.

2020 Century Farm Recognition

The Century Farms recognition program dates back to the American Revolution Bicentennial in 1976 when Governor Bond wanted to recognize the important agriculture plays in Missouri’s industry. Since the program began in 1976, Gasconade County Extension has recognized over 115 farms for their legacy and contribution to agriculture in Gasconade County. Congratulations to the 2020 recipients for their continuing contribution to agriculture in Gasconade County.

Brandenburger/Buschmeyer Farm: The 80 acre Brandenburger/Buschmeyer Farm was established in 1919 in Gasconade County by Henry A. Brandenburger, the paternal grandfather of current owner, Virginia Buschmeyer.

Tayloe Family Farm: the 80 acre Tayloe Family Farm was established in 1920 by James L. Tayloe Sr., grandfather to the current owner, Carole Taylor Dotson.

2020 Leaders Honor Roll Recipients

A program like Extension is only as good as the work it does to serve others, and the work cannot get done without quality individuals who believe in the mission and improving quality of lives for others. Community members who embody the mission to serve others and champion Extension in the community are Marilyn Rademacher and Dustin & Tricia Ridder. Thank you to these individuals for their continued leadership and support of Extension’s mission in the communities we serve.
Gasconade County

UM System Footprint in the county in 2020

**FY20 county students**

96 students
- 84 Undergraduates
- 12 Graduate and professional students
- 69 Full-time students
- 27 Part-time students
- 35 Pell grant recipients (aid year 2020)

**County employees and retirees**

21 people employed by UM
- 12 Campuses
- 9 UM Health Care
23 UM retirees and beneficiaries
UM salary and retirement income: $1.2 million
UM state tax revenue: $44,591
UM federal tax revenue: $163,736

**County alumni**

**Selected school alumni**
- 3 Medicine
- 23 Nursing
- 22 Health Professions
- 1 Dentistry
- 10 Veterinary Medicine
- 103 Agriculture
- 78 Engineering
- 7 Law

**Alumni teaching K-12**
- 35 teachers
- 16.5% of all district teachers
- 3 principals and administrators
- 25.0% of all district principals and administrators

**County services provided**

**Health care (FY20)**
- 857 in-state patients seen at UM Health Care, with $318,258 of uncompensated care
- 5 in-state patients seen at UMSL Center for Eye Care with a statewide average of $75.55 per patient in uncompensated care
- University of Missouri Health Care’s Missouri Telehealth Network recorded 334 visits to 283 patients having ZIP codes associated with the county

**Extension (FY19)**
- 7,429 Total educational contacts from MU Extension to residents of district counties, including:
  - 89 contacts related to productive farming, better gardening, and managing natural resources
  - 7,312 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
  - 28 contacts related to starting businesses, developing community leaders, or renewing the local economy

**County breakdown**

**MU**
- 58 students
- 379 alumni
- 9 employees

**UMKC**
- 4 students
- 11 alumni
- 0 employees

**Missouri S&T**
- 29 students
- 86 alumni
- 2 employees

**UMSL**
- 5 students
- 67 alumni
- 1 employee

**County properties and offices**

MU Extension in: Gasconade County

County population: 14,711
UM System Statewide Footprint

Economic and Community Development Highlights

• In 2019, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 20,283 jobs.

For every dollar invested from 2015 to 2017, the MU Extension Business Development Program has returned $120 in economic impact for its clients by increasing sales more than $1.19 billion. For a total impact of $2.7 billion, the program has generated more than 29,000 jobs and attracted nearly $347 million in capital investments and $1.17 billion in government contracts.

• Between FY14 and FY19, UM System brought Missouri more than $1.09 billion in federal and private research funds, funded primarily from outside the state but spent within the state.

In FY20, UM System was issued 42 patents and filed 41 new U.S. patent applications.

• In FY20, UM System construction projects resulted in a total investment in the state of $113.4 million.

In FY20, Missouri Telehealth Network brought the expertise of University of Missouri Health Care physicians to underserved areas—45,057 visits from 35,640 patients from all 114 Missouri counties and the City of St. Louis.

Education Highlights

FY20 Financial Aid Awards

In FY20, 69.6% of the UM System’s 81,459 students received financial aid totaling $930.4 million

<table>
<thead>
<tr>
<th>Institution</th>
<th>Students Receiving Financial Aid</th>
<th>Financial Aid Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU</td>
<td>27,877</td>
<td>$482.3M</td>
</tr>
<tr>
<td>UMKC</td>
<td>11,320</td>
<td>$198.7M</td>
</tr>
<tr>
<td>Missouri S&amp;T</td>
<td>7,704</td>
<td>$130.4M</td>
</tr>
<tr>
<td>UMSL</td>
<td>9,824</td>
<td>$119M</td>
</tr>
</tbody>
</table>

UM System’s MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 57 higher education institutions (255,000 students), 490 K-12 school districts (860,000 students) and 122 public libraries (serving nearly 3 million Missourians) in 2019

• UM System awarded 50.5% of the 31,708 Bachelor’s or higher degrees awarded by Missouri four-year public institutions in 2019–20.

• UM System awarded 41.1% of the 1,815 research doctorates and 27.8% of the 3,234 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2019–20.

• In 2020, UM System’s $31.5 million in National Science Foundation (NSF) grants represented 88.6% of all NSF grants made to Missouri public colleges and universities.

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 2020, 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

For more information, go to: www.umsystem.edu/ums/sc/datasheets