RETURN ON INVESTMENT
# 2016 Programs of Distinction

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction from Vice-Chancellor</td>
<td>2</td>
</tr>
<tr>
<td>Extension Council</td>
<td>3</td>
</tr>
<tr>
<td>Awards and Recognition</td>
<td></td>
</tr>
<tr>
<td>4-H and Youth</td>
<td>4</td>
</tr>
<tr>
<td>Century Farms</td>
<td>4</td>
</tr>
<tr>
<td>Human Environmental Services</td>
<td></td>
</tr>
<tr>
<td>Nutrition and Health Education</td>
<td>5</td>
</tr>
<tr>
<td>Focus on Kids</td>
<td>6</td>
</tr>
<tr>
<td>Child Care Provider Training</td>
<td>6</td>
</tr>
<tr>
<td>Family Nutrition Education</td>
<td>7</td>
</tr>
<tr>
<td>Business Development</td>
<td></td>
</tr>
<tr>
<td>Job Development and Tourism</td>
<td>8</td>
</tr>
<tr>
<td>Agriculture</td>
<td></td>
</tr>
<tr>
<td>Master Gardeners</td>
<td>9</td>
</tr>
<tr>
<td>Livestock Production and Management</td>
<td>10</td>
</tr>
<tr>
<td>Positive Youth Development</td>
<td></td>
</tr>
<tr>
<td>4-H and Youth</td>
<td>11-12</td>
</tr>
<tr>
<td>Community Development</td>
<td>12</td>
</tr>
<tr>
<td>Marketing Extension</td>
<td></td>
</tr>
<tr>
<td>Community Events</td>
<td>13-14</td>
</tr>
<tr>
<td>MU Continuing Education</td>
<td>14</td>
</tr>
<tr>
<td>University of Missouri Footprint in the County</td>
<td>15</td>
</tr>
</tbody>
</table>
January 5, 2017

Dear County Commissioners and Friends of MU Extension:

The past year was a busy one for University of Missouri Extension. As a long-time extension professional and newcomer to Missouri, I have found the support from people like you to be remarkable. Missouri is a special place with a promising future.

Through the efforts of faculty, staff and amazing volunteers, MU Extension connects millions of Missourians with knowledge they put into action in their daily lives. Using a range of learning experiences, we reach people of all ages and backgrounds, in every corner of the state.

In response to direct input received from local councils and the unique nature of each county, extension programs vary slightly across the state. This strength of local flexibility and public engagement enables county-based Mizzou faculty to provide local learning experiences that improve lives and community vitality. For example:

- MU Extension business specialists helped local Missouri businesses achieve sales increases of $186 million while creating or retaining 7,766 jobs.
- Helping assure access to health care in local communities, MU Nursing Outreach made it possible for 2,094 nurses keep their skills up to date.
- Our 4-H youth development specialists and other extension team members worked with volunteers and community leaders to reach 269,000 youths ages 5 to 18 across the state.
- Anticipating the needs of Missouri’s aging farm population, extension faculty developed workshops that target estate planning, succession and retirement planning specific to farmers.

These are just a few examples of how Mizzou’s commitment to extension and engagement benefitted Missourians this past year.

In the interest of better serving Missourians, we are conducting a statewide needs assessment. It will include extensive input from local communities and stakeholders. It will result in stronger alignment between extension programs and local needs.

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

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

Sincerely,

Marshall Stewart, Ed.D.
Vice Chancellor for Extension
University of Missouri Extension programs are guided by an elected council of citizens representing a broad spectrum of occupations, interests, and locations within Gasconade County. In addition, MFA, Gasconade County Farm Bureau, the Cities of Hermann and Owensville, and the Gasconade County Commission have a representative appointed to the Council. Council meetings are held monthly at the MU Extension Center in Owensville.

### 2016 County Council Officers

**Chair:** Chad Peanick  
**Vice Chair:** Gus Schlottach  
**Secretary:** Allison Grzeskowiak  
**Treasurer:** Gordon Jost

### 2016 Elected Council Members

**Northern District**  
Brenda Kurrelmeyer  
Dorothy Colter  
Jeff Englert  
Dustin Ridder  
Allison Grzeskowiak

**Southern District**  
Gordon Jost  
Phyllis Barringer  
Chad Peanick  
Gus Schlottach  
Glenn Boettcher

### Appointed Members

Vacant – MFA Owensville  
John Kamler – City of Owensville  
Larry Miskel – County Commission  
Marilyn Rademacher – Farm Bureau

### 2016 Financial Summary

County appropriations provide for clerical staff and support, office supplies, equipment and services, travel for work in the county and region, communications and facilities to house staff.

#### Income

- Appropriations: $48,749.00
- Student Fees: 175.00
- Interest: 60.40
- Resale/Education Services: 1,464.50
- Postage Income: 2,155.00
- Total Income: $52,603.90

#### Expenses

- Clerical: $30,389.47
- Supplies/Services: $3,750.70
- Travel: $3,792.22
- Phone, Internet, and Postage: $3,556.91
- Rent and Insurance: $5,971.55
- Equipment purchases: 0.00
- Total Expenses: $47,460.85

Gasconade County Extension Council

Presiding Commissioner
Larry Miskel

Northern District Commissioner
James Holland

Southern District Commissioner
Jerry Lairmore
Jackie Gray inducted into 4-H Hall of Fame

In 2016, the Gasconade County 4-H Council nominated Jackie Gray to be inducted into the Missouri 4-H Hall of Fame. Jackie has served as a 4-H volunteer for 29 years in Carter and Gasconade Counties. She has been a 4-H project leader, club leader, and served on the County 4-H Council.

She currently serves as a 4-H Club Leader for the Bem 4-H Club. Jackie also supports 4-H as Chair of the Gasconade County Fair sheep barn and show. She is proud that she has helped young people learn to present themselves, and their livestock projects with integrity.

2016 Gasconade County Century Farms

MU Extension, MU College of Agriculture Food and Natural Resources, and the Missouri Farm Bureau jointly sponsor the Missouri Century Farm program. Local MU Extension Councils help with sponsorship by publicizing the program, collecting and certifying nominations, and arranging for local recognition. Extension Publications, part of the office of Extension and Agricultural Information, coordinates the program. In 2016, three Gasconade County farm families were recognized as Century Farms:

- William J. & Esther M. Boettcher Family Farm Trust - Hermann Boettcher (grandfather of Glen Boettcher and Lois Wyman) established in 1904.
- Jerry Fritzmeyer Farm – Frederick Hesemann (great-great-grandfather of Jerry) established in 1865.
- Dorothy Segelhorst – John Frederick Wolbrink (great-great-grandfather of Dorothy) established in 1852.

Soil Testing

The Gasconade County MU Extension Center strives to help landowners understand the nutrient needs of their soils. Gasconade County residents submitted 87 soil tests in 2016. Soil testing helps producers determine the best course of action for fertilizing pasture and crop ground. While soil testing is unlikely to save producers money, it does enable them to determine how best to spend their money in order to get the most value out of their fertilizer dollar. It can also help to improve the environment by reducing the use of excess fertilizer.

Nine Gasconade residents submitted horticulture soil fertility tests in 2016. Residents learned the contents of nutrients in their soil and the proper fertilizer application levels. MU Soil Testing and Plant Diagnostic Services provide residents with unbiased, reliable fertility testing and research based information for economical, environmentally safe, and balanced fertilizer and lime applications.

Private Pesticide Applicator Training (PPAT)

Private Pesticide Applicator Training is a program which trains Missouri farmers and landowners in proper safety and application practices for agricultural chemicals. The training was provided to 23 Gasconade County residents to become newly certified, or re-certification, for their enterprises.
Nutrition and Health Education Specialist Joins Gasconade County Extension Team

Hawau Eyitayo Bojuwon joined the Gasconade County Extension team in June of 2016 as a University of Missouri Extension Nutrition and Health Education Specialist. Bojuwon received her undergraduate and graduate degrees at the University of Mississippi. Her most recent Master of Science degree is in Health Promotion. She previously had earned a master’s degree in Food and Nutrition Services, and an undergraduate degree in Biochemistry with a minor in Mathematics.

Hawau has more than two-years of experience in clinical, food service, education, geriatrics, research, community and public health. In addition, she held internships in health promotion and dietetics. Her work experience includes assessing clients and planning, developing and directing nutritional care activities for them. She explains, “I focused on the importance of selecting healthy food options, reading nutrition facts on food labels, reducing fat intake and increasing physical activity to adopt a healthy lifestyle. During my internships, I discovered that diabetes management is my core area of interest, and look forward to pursuing further education and training to become a Certified Diabetes Educator.”

Hawau also has five years teaching experience acquired from university, community, clinical and research settings. She taught, graded, reviewed research papers and improved undergraduate course work relating to nutrition, foodservice, hospitality management and chemistry coursework. She enjoys public speaking and motivating people, which led her to pursue a Community Health Advocate Trainer certification.

Bojuwon is excited about her assignment in Gasconade County, “I am passionate about nutrition and encouraging people to adopt healthier habits so they are always at the peak of their mental and physical ability. My passion is what drives my commitment.”

“I look forward to teaching the following MU Extension nutrition programs in Gasconade county: School Wellness, Smarter Lunchroom coaching, Stay Strong Stay Healthy, Wellness Child Care Trainings, Chronic Disease Self-Management, Cooking Matters, Cooking Matters at the Store, Eat Smart in Parks, and Shopping Safely at Farmers Market.”

Gasconade County Extension Collaborates with Health Alliance for Gasconade County

The Health Alliance for Gasconade County is a team of community based service organizations formed in 2015 to reduce smoking in young pregnant women. In 2016, they decided to broaden the scope of their work while remaining focused on health. 4-H Youth Program Assistant, Brenda Humphrey became involved to help establish a name and develop a mission statement. The mission is “Improving health awareness in Gasconade County citizens”. To accomplish this, Humphrey talked with the Gasconade County Republican about running a monthly column with the Health Alliance header in which they could address health topics of concern for all members of the community. Topics covered included birth defects, macular degeneration of the eyes, autism awareness, blood pressure monitoring, heart health and a community approach to tobacco abuse.

Health Alliance members, Shana Stephenson and Brenda Humphrey met with Charlie and Gus Schlottach in April for an interview about keeping teens safe during prom and graduation season. The interview aired live on KTUI radio, with a delayed broadcast on Fidelity cable network in several areas of the community.

Recently, the Health Alliance began working with staff from the Hermann Area District Hospital on a Community Health Needs Assessment. It was determined that Obesity was still the greatest problem in the county across all age groups and would be the focus of upcoming programming. Unfortunately, the Hospital did not have the resources to continue with the task. Currently the Health Alliance is planning a Health/Wellness Fair in early April in Owensville.

The vision of the Health Alliance for Gasconade County is to be a visible and connecting force within Gasconade County. Engaging the citizens in health education and empowering them to make positive decisions that impact their quality of life.
Focus on Kids
MANDATED CLASS ASSISTS FAMILIES IN TRANSITION

Kathy Dothage
Human Development and Family Science Specialist

<table>
<thead>
<tr>
<th>Programs</th>
<th>Total Hours of Collective Workshop Participation in 2015</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Gasconade County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus on Kids</td>
<td>During 2016, 60 parents participated in the six sessions provided in Gasconade County. Twenty-six of these were from the county.</td>
<td>Focus on Kids is a 2.5 hour educational program for divorcing/separating parents with minor children. It is taught in more than 50 counties across Missouri by MU faculty, graduate students, and regional specialists. The purpose of the program is improve the quality of the co-parenting relationship and thus reduce stress and anxiety for children.</td>
<td>At the end of session evaluation, the majority of participants found the class worthwhile and helpful. Quotes from participants included: &quot;I thank everyone for this program.&quot; &quot;The instructor was great &amp; covered more than I expected.&quot; &quot;This is a good, very helpful and needed for separating parents.&quot; &quot;Excellent resource for divorcing parents.&quot;</td>
<td>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 will have a positive impact on other community members by reducing the need for community health services for children.</td>
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One-year follow-up surveys indicate that nearly 75% of former Focus on Kids participants report the program as being helpful and worthwhile. They also still credit the program as increasing their knowledge and usage of positive co-parenting behaviors, and reported significant reductions in co-parenting conflict as an additional benefit of attending a Focus on Kids class.

Building Better Child Care workshops center on (1) child care provider workforce preparation, (2) children's school readiness and, (3) the socialization of children’s health, nutrition, and physical activity.

During 2016, Building Better Child Care workshops including "What time means to children?" “Creating Special Moments with Infants and Toddlers.” Avoid Behavior Problems-Teach Self-Control.” and “Art Appreciation 101 for Young Children” were provided in Montgomery County to 58 participants, with 20 from Gasconade County. Other workshops provided in Franklin County were “Improving Transition Times” and “Art Appreciation 101 for Young Children” to 52 participants, with 12 from Gasconade County.

Participant comments about the classes include, “Awesome class, look forward to more;” “Good program;” “Thank You!” “Very Good!!” “This was very informative and useful”; “Walking away with great ideas.”

Our continued efforts to improve child care are vital to Missouri’s economic development; a well-prepared and educated child care workforce is essential for families' workplace success and children's healthy development.
### Family Nutrition Education Program

**Reaching Low-Income Children and Families with Nutrition Education**

**Teresa DeFord-Petefish**  
Regional Coordinator – East Central Region

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<table>
<thead>
<tr>
<th>Who Was Served?</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Gasconade County and Missouri Better?</th>
</tr>
</thead>
</table>
| The following is a list of the locations where participants were served:  
  • Gasconade County Head Start  
  • Hermann Elementary  
  • Hermann Middle  
  • Owensville Elementary  
  • Helping Hands Outreach Center  
| Nutrition Program Associates Becky Fuchs and Heather Eoff-Warren interacts with community members, schools and service agencies and teaches information on nutrition, food safety, and physical activity for lifelong health and fitness.  
Activities include cooking, taste-testing healthy foods and practicing skills that lead to good health.  
Adults learned about nutrition, safe food preparation and food safety, physical activity and food resource management. | Participants report that they try new foods, increase physical activity, and make healthier food choices. | Participants in FNEP in Gasconade County 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 health care costs over the participant’s lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums. |

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Heather Eoff-Warren shared:  

*While teaching summer school classes in Hermann Elementary School, the children started making comments about telling their families that they need to buy more whole grains, or get out and exercise for at least 60 minutes. The program makes a difference for the whole family, and information really travels from kids to the adults.*
# Business Development

## Small Business, Jobs and Tourism Drive the Gasconade County Economy

Pablo Arroyo  
Business Development Specialist

<table>
<thead>
<tr>
<th>Programs</th>
<th>East Central Region Participation</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Gasconade County and Missouri Better?</th>
</tr>
</thead>
</table>
| Across the entire state MU Extension business counselors provided start-up and management counseling, coaching, training and other assistance to 17,552 individuals and companies. | Generated sales of increases of $7630,639 Secured loans and acquired assets for $1,575,600 Received government contracts awards of $169,148 Created or retained 298 jobs Provided training events for 687 individuals and companies 109 residents and businesses received start-up and management counseling, training, and other assistance. | Businesses participating in counseling, coaching or training learned:  
• How to start a business  
• How to develop a business plan  
• How to understand, analyze and use financial statements to make fact based business decisions  
• How to more effectively lead and manage their employees  
• How to use QuickBooks  
• How to apply for financing  
• The conditions & demographics in their market area  
• Other resources available to assist businesses such as the Small Business & Technology Development Centers, Missouri Procurement Technical Assistance Centers, International Trade Center, Trade Adjustment Assistance Center | As a result of assistance provided by the MU Extension Business Development program businesses in Gasconade County during FY2015 generated the following economic impact:  
• Retained 35 jobs  
• Secured new investment (loans or owner equity) totaling $675,000  
Acquired assets worth $100,000 | • As entrepreneurs and innovators, Missouri’s small businesses are becoming a more diverse group that continues to make the state’s economy productive. There are approximately 500,000 small businesses in Missouri. Nearly 98 percent of all businesses with employees are categorized as small. In assisting these small businesses, MU Extension contributes to the county and state’s economic development through growth in jobs, sales, technology development and commercialization.  
• Across the state of Missouri, the total impact for all businesses assisted by the MO Business Development Program was:  
  • 226 new businesses  
  • 1,751 new jobs  
  • 1,811 jobs retained  
  • $157,306,766 in increased sales  
  • $341,603,813 in government contracts  
  • $110,351,258 in loans and investments in business  
  • $10,312,296 in export awards  
  • $944,865 in research grants awarded  
  • 2,723 clients/companies receiving business counseling or coaching  
  • 7,517 business training/conference attendees |
<table>
<thead>
<tr>
<th>Programs</th>
<th>Total Hours of Collective Workshop Participation in 2016</th>
<th>What Did They Learn?</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Master Gardener Speaker Series</td>
<td>The Gasconade County Master Gardeners have donated 1000 hours of volunteer service to local garden educational efforts in Owensville and the surrounding communities. Local Master Gardeners have completed 217 hours of continuing education and 21.50 hours of advance master gardener training. The Gasconade County Master Gardeners started an active year with a “Speaker Series”. The programs brought a total of 138 participants in 2016 and are offered at various locations within the county so that they are more accessible to county residents. A Spring Core Class was held with 7 participants. Gasconade County presented the first on-line Master Gardener Training in the state.</td>
<td>Gasconade County Master Gardeners provided quality horticulture education to 138 individuals through their monthly “Speaker Series.” Topics included: Solar Greenhouses, Adaptive Gardening tools, etc., Self-watering container gardening, Wild Mushrooms, Landscaping for the Home, Cover crops, Fermentation, and Bulbs for the home and garden. Master Gardeners make Gasconade County better by giving back to the community through this educational series. Program participants will be able to save time, money and resources by: growing fruits, vegetables, and herbs in smaller space identifying and managing invasive fruit pest improving soil health through the use of cover crops reusing household items for gardening and daily activities identifying wild mushrooms building easy raised bed gardens. Through continued and advanced education, Master gardeners give back to the community by teaching and providing educational workshops, seminars, and youth programs.</td>
<td>Horticulture education improves quality of life for the learner, but also indirectly of those in the community. Local foods (fruits and vegetables) production by home gardeners and commercial producers reduces reliance on distance-shipped and imported produce, increases consumption of fresher and locally grown produce and has direct effects in improving health and the local economy. Locally grown produce also improves community life through farmers markets and other customer/ grower interactive settings. Master Gardener volunteers provide researched based horticulture education to the public, increasing quality of life and the health of the community through guidance, advice, educational programs, and direct assistance on a diverse array of horticulture, gardening and environmental topics and projects.</td>
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</tbody>
</table>
**Agriculture: Livestock Production and Management**

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<thead>
<tr>
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<th>Total Hours of Collective Workshop Participation in 2016</th>
<th>What Did They Learn?</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Missouri Show-Me-Quality Farms</td>
<td>3 hour workshop for 30 4-H members with a food animal project (beef, dairy, swine, sheep, goat, or poultry).</td>
<td>The Show Me Quality Assurance (SMQA) Program emphasizes food quality and safety, proper animal handling and husbandry, proper use of animal products, and addresses consumer issues and concerns.</td>
<td>Participants improved the care and management of their livestock projects.</td>
<td>Improves the care, management and sustainability of livestock in Missouri. Ensures a high quality, wholesome food product for consumers in Missouri and around the globe.</td>
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<tr>
<td>Show-Me Quality Assurance</td>
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<td>Participants improved the care and management of their livestock projects.</td>
<td>Youth who understand how to produce safe food products will become better food producers and consumers.</td>
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Gasconade County 4-H Collaborates with Owensville FFA

Wayne Shannon, MU Extension Livestock specialist stationed in Lincoln County, oversees the required *Show Me Quality Assurance workshop* in Gasconade County. He works in conjunction with Owensville FFA Advisor, Sherry Byram so that her FFA students are prepared to teach at ten learning stations the evening of the SMQA training. This has proved to be of great benefit, as our younger 4-H youth enjoy learning from the FFA students and it provides the FFA students with an opportunity to enhance their leadership and teaching skills. The parents are encouraged to go through this hands on learning experience with their child and they have expressed very positive comments about the both the instruction method and how well the 4-H youth learn from the FFA students.

Robots – Methane – Cows?

Members of the sixth grade class at St. George School in Hermann entered a robotics competition this past fall. They chose a task that would involve methane, robots, and cows. They asked Ken Bolte, Agriculture Business and Livestock Specialist with University of Missouri Extension in Franklin County, for some ideas on tying these all together. The idea is, cows produce the raw material, which in combination with water allows bacteria to break down the material to form methane gas which can be burned to provide electricity.

So where do robots come in? There are robotic barn cleaners used in dairy barns that scrape the allys on schedule and push the solids into a pit where digestion takes place and the methane is captured, burned, and electricity is produced.

Class members were tasked with programming the robots to do a variety of tasks in a specified period of time. Information from the Ag Engineering Department at MU was also provided to give background information on methane digesters.
4-H Youth Development Programs

Engaging youth as valued members of the community in partnership with caring adults.

Dave Hileman
4-H Youth Development Specialist

Brenda Humphrey
4-H Program Assistant

4-H in Gasconade County is a community of 191 youths building life skills, engaging in science and contributing to their community.

One of every five Missourians between the ages of 5 and 18 participated in a MU Extension 4-H Youth Development program in 2016.

4-H Youth are equipped with the knowledge, skills, attitudes and health for the 21st century workforce. Missouri 4-H members spend more of their leisure time than their peers engaged in projects of interest anchored in science (Khan, 1989). It is no wonder, 4-H members are three times more likely to go into science related careers than similar peers (Lerner and Lerner, 2008).

4-H youth are more connected to college campuses and faculty than their friends. MU Extension 4-H connects 8,700 young people to University of Missouri campuses. Being on campus is a predictor of youth going onto higher education (Hoover, 2006). 4-H youth are nearly twice as likely to expect to go onto college (Lerner and Lerner, 2011).

Youth who earn their bachelor’s degree increase annual earnings by $2 million over their lifetime (NACUBO, 2012). If 50% of the Gasconade County members participating in 4-H events on the MU Campus go on to earn their bachelor’s degree, 4-H would help Gasconade County young people earn $6,000,000 over their lifetime.

Missouri 4-H is growing future scientists. Young people in 4-H are engaged in three times more like to be interested and pursue science-based careers their non-4-H peers. Our nation needs young people prepared to live and work in a world that no one can imagine – jobs that do not yet exist, using technology that has not been invented, solving problems that have not yet been identified. In Gasconade County, 4-H club members were engaged in 2,090 science related projects and experiences.

4-H clubs

191 youth age 5-18 in 10 clubs

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 aerospace and arts to veterinary science and sport fishing. Clubs also involve children and teens in community service, camping and educational trips.

4-H school programs

516 youth participated in 4-H School Enrichment program

Gasconade County 4-H school enrichment programs are short-term educational experiences that supplement learning in the classroom. Most are led by classroom teachers using curriculum provided by Gasconade County MU Extension 4-H staff. The most popular 4-H school program in Gasconade County is Hatching Chicks in the Classroom.
4-H members supported by 85 youth and adult volunteers

Time valued at $603,000.00

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Valuing their time at $21.31 per hour, based on average Missouri incomes, the contribution of Gasconade County 4-H volunteers was worth more than $181,135 in 2016! More importantly, these adults serve as mentors for our youth helping them transition into healthy adulthood, which makes their contribution to the county priceless.

References:


Embryology, Hatching Chicks in the Classroom is a program that brings action and experience to the classroom, using a still-air incubator. Students observe the development of the chick in the egg through program literature. MU Extension provides a science curriculum and pre-incubated eggs to the classrooms so that the children are able to part of the last 7 days of incubation, watch the hatching, and help with post-hatch care. In Gasconade County, both Hermann Elementary and Owensville Elementary schools participate in the program.

County Government Day is in April. Students from Owensville High School and Hermann High School attend the event where they meet and learn about the various county government offices at the courthouse. The highlight of the students’ day is sitting in on court proceedings with Judge Ada Brehe-Krueger. The commissioners grill hamburgers for everyone, MU Extension has potato salad, baked beans and potato chips ready for the hungry students and county employees. After the meal the Commissioners have an awards ceremony honoring employees years of service and any retirements. It’s a great way for the students to be introduced to county government and those that serve our community.

There was excellent participation for 4-H Officer Training in 2016. Twenty-eight youth gained knowledge about their office in 4-H and received valuable handouts to help them do well in their club. They also had a chance to meet and interact with other 4-H members during the Pizza party sponsored by the 4-H Council prior to the training.

COMMUNITY DEVELOPMENT

Dean Larkin
Community Development Specialist

Work Begins for New Fairground Facilities

The condemnation of the 4-H building at the Gasconade County Fairgrounds prompted an effort to create new fairground facilities. Community Development Specialist Dean Larkin worked with the Gasconade County Fairboard to create priorities for the development.

The group developed a wish list of what was needed, and strategized about how to get there. Specific tasks were assigned to individuals including; finalizing leases, architectural support and visits to Rolla, Washington and Sedalia to tour similar facilities.

Delays in demolition of the 4-H building has slowed progress but with that set to happen in early 2017, the group is positioned to move forward with new ideas and plans for the future.
## Marketing Extension

<table>
<thead>
<tr>
<th>Programs</th>
<th>What Did They Learn?</th>
<th>How Did Participants Benefit?</th>
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</tr>
</thead>
<tbody>
<tr>
<td>O.M.G. Women in Agriculture Event</td>
<td>Osage, Maries and Gasconade County Farm Service Agency (FSA) collaborated with University of Missouri Extension to bring the second annual O.M.G. Women in Agriculture event to Gasconade County. The program was held the evening of September 8 and was hosted by the White Mule Winery with over 270 people in attendance.</td>
<td>The goal of the event was to provide a venue for women in agriculture to get together and network. Workshops on “What’s All the Fuss About Garden Pollinators – What Can You Do?” was given by James Quinn, Horticulture Specialist with University of Missouri Extension in Cole County; and “Follow Your Rain to Soil Health” was presented by Andrea King, NRCS Area Resource Conservationist. The event is part of FSA reaching out to the non-typical farmer. An estimated 24 vendors provided attractions for the ladies with the ‘Roots to Grow’ theme. The main speaker was “The Fiesty Farm Wife” (Lorin Fahrmeier) on “High Tunnel Your Way to Expanded Markets”.</td>
<td>This annual event brings people in from neighboring counties, boosting tourism and providing resources to the community. It is a successful event that adds to the economic vitality and tourism base in the county.</td>
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<tr>
<td>Community Awareness Resource Exchange</td>
<td>Agencies and organizations serving Gasconade County meet on a monthly basis to address unmet needs in the county and issues of concern. Extension is a part of that effort.</td>
<td>Once issues are identified, partnerships address these needs with education and collaboration. Poverty, drug use and abuse, need for community garden, transportation and health have all been addressed by this coalition.</td>
<td>Organizations partnering and working together to address issues and unmet needs help those limited resources audiences in Gasconade County.</td>
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<tr>
<td>Family Times Newsletter</td>
<td>Gasconade County Extension releases a monthly newsletter to educate on subject matter through timely articles and inform the public of upcoming programs. 10 issues were released in 2016 and reaches approximately 400 households in the county.</td>
<td>The public is informed of upcoming Extension programs and educated on such topics as energy education, nutrition and health related topics, recycling, household hazardous waste, lighting and holiday safety, financial education, housing and home maintenance health issues, and gardening.</td>
<td>The visibility of Extension has improved and the newsletter has been shown to enhance participation in county programming.</td>
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</tbody>
</table>
### MARKETING EXTENSION

<table>
<thead>
<tr>
<th>Programs</th>
<th>What Did They Learn?</th>
<th>How did Participants Benefit?</th>
<th>How Does This Work Make Gasconade County Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gasconade County Fair</td>
<td>Gasconade County Extension, faculty, staff and county council members are an integral part of the success of the Gasconade County Fair.</td>
<td>The 4-H department including the 4-H/FFA Livestock Show and FFA Sale benefit from Extension resources, leadership and participation to insure a quality event for exhibitors and those attending.</td>
<td>The Gasconade County Fair is a successful event that adds to the economic vitality and tourism base in the county.</td>
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<tr>
<td>Health Alliance for Gasconade County</td>
<td>In 2016, a core group of individuals from the Community Awareness and Resource Exchange (C.A.R.E.) formed the Health Alliance for Gasconade County to address the alarming health concerns that were coming to light in our community meetings. The vision of the Health Alliance for Gasconade County is to be a visible and connecting force within Gasconade County to address health issues impacting targeted audiences.</td>
<td>In 2016, the group focused on reducing the high rate of smoking during pregnancy in Gasconade County. The county rate is 21.8 percent with WIC clientele being a staggering 44 percent. For 2016, we are committed to writing a monthly news column on a variety of health related topics to increase our citizen’s health awareness in this county.</td>
<td>By engaging the citizens in health education and empowering them to make positive decisions impacting their quality of life, Gasconade County benefits on several levels. An educated and informed public enhances the overall health of Gasconade County and its community members.</td>
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</table>
Gasconade County, Missouri

The County at a Glance

- UM Students: 80
- UM Alumni: 480
- UM Employees: 28
- Population: 15,014
- UM Salary & Retirement Income: $1,188,781
- UM State Tax Revenue: $44,233
- UM Federal Tax Revenue: $170,332

UM Students from the County in 2016

- 80 students
  - 43: MU
  - 6: UMKC
  - 26: Missouri S&T
  - 5: UMSL
  - 70: Undergraduates
  - 10: Graduates
  - 66: Full-time students
  - 14: Part-time students

UM Employees and Retirees Residing in the County in 2016

- 28 people employed by UM
  - 12: MU
  - 6: Missouri S&T
  - 2: UMSL
  - 7: UM Health Care
  - 1: UM System
  - 21 UM Retirees and Beneficiaries

UM Alumni Residing in the County in 2016

- 480 alumni
  - 344: MU
  - 13: UMKC
  - 64: Missouri S&T
  - 59: UMSL
  - 220 Selected School Alumni
    - 2: Medicine
    - 18: Nursing
    - 18: Health Professions
    - 1: Dentistry
    - 1: Pharmacy
    - 6: Veterinary Medicine
    - 103: Agriculture
    - 63: Engineering
    - 8: Law

UM Alumni Teaching K-12 in the County in 2016

- 43 teachers
  - 20% of all county teachers
  - 3 principals and administrators
  - 27% of all county principals and administrators

UM Services Received in the County in 2016

- 850 patients seen at UM Health Care, with $296,251 of uncompensated care.
- 4 patients seen at the UMSL Center for Eye Care with an average of $52 per patient in uncompensated care.
- 2 patients seen at the UMKC School of Dentistry with an average of $54 per patient in uncompensated care.
- 3,916 contacts with MU Extension through MU Extension events held in district counties.

UM Footprint in the County
Gasconade County MU Extension Center
AN INVITATION FOR YOU
TO PARTICIPATE:
Become a Gasconade County Extension Council
A Unique Opportunity for Gasconade County Residents

We extend this invitation to you to become a nominee for the Gasconade County University of Missouri Extension Council. We are looking for people who are in tune with their community, have your community’s best interests at heart and are willing to open the doors of opportunity for Gasconade County residents through University of Missouri Extension.

As a member of the Gasconade County Extension Council, you can put any issue, interest or concern on the county’s educational agenda. State laws confer this right to extension councils.

County extension council members and MU Extension faculty act as educational brokers, putting the interests and concerns of local people together with the resources of our land-grant university so people can obtain their goals. Throughout Missouri, extension councils and MU Extension professionals have identified an array of issues and have found ways University facilities and people can help address those issues.

Because extension councils, through federal and state laws, have a legal foundation for operation and a working partnership with MU Extension, the variety and scope of educational programs are nearly unlimited.

University of Missouri Extension Council members make a positive difference in our communities.