



**Gentry County  
Extension  
Council Annual  
Report**

**2015**

UNIVERSITY OF MISSOURI  
**MU** Extension

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December 2015

Dear County Commissioners and Friends of MU Extension:

Each year, University of Missouri Extension carries out the University of Missouri's land-grant mission – bringing the university's knowledge and research to all Missourians. For more than a century, we have been the "front door" to higher education in Missouri – helping improve lives and create vibrant, resilient communities.

MU Extension is known as a valued and trusted resource for Missourians, touching the lives of nearly 2.3 million citizens. Our presence in all 114 counties, coupled with our network of councils, enables us to listen to the needs of communities, and respond with programming that addresses those needs. From our well-known programs in agriculture, nutrition and health, 4-H, and small business development, to lesser known continuing education programs for professionals such as fire and law enforcement training, nursing and medical continuing education and labor education, MU Extension makes a difference with programs that are in demand. The following are examples of program impact:

- MU Extension's Business Development Program helps Missouri entrepreneurs succeed in private enterprise and promotes statewide economic growth. In the past fiscal year, this program helped businesses increase sales by more than \$157 million, secure loans and equity of nearly \$100 million, create 1,832 jobs, and retain and additional 1,436 jobs. The program also helped launch 213 new businesses in our state.
- Alianza, a joint initiative of MU Extension and the Institute for Human Development at the University of Missouri – Kansas City, provides intercultural training to the growing segment of Latino farmers, and pairs them with the knowledge and services they need to help Missouri meet its agricultural needs.
- 4-H Youth Features: College Within Reach, is designed to help high school youths who are not encouraged to attend college realize the benefits of a college degree. Studies show that an individual's lifetime earning potential increases by an average of \$2.3 million with a bachelor's degree. This program makes a difference for many young people.
- Strengthening communities through art, innovation and creativity is the focus of MU Extension's Community Arts Program. The program's 2015 St. Louis Storytelling Festival, which brought curriculum to life for 12,000 local school children, shows how extension adds value to communities through engagement with MU.

These examples are a small representation of the many ways MU Extension works to enrich lives, businesses and communities to strengthen Missouri. I encourage you to read the attached annual report to view the impact made in your county. On behalf of MU Extension, thank you for your support and partnership with us to better serve your community.

Sincerely,



Thomas A. Henderson  
Interim Vice Provost and Director

December 2015

Dear County Commissioners and residents of Gentry County, Missouri:

The main goal of the Gentry County University of Missouri Extension Office is to bring the resources that the University of Missouri possesses to the residents of Gentry County. We accomplish this task in many different ways. On a daily basis we answer questions and help solve problems that home owners, agricultural producers, gardeners, business men and women, entrepreneurs and community leaders have. Throughout the year various workshops, seminars, meetings and even one-on-one consultations are handled in or facilitated through our office. Gentry County residents have immediate access to a variety of subject matter specific regional extension specialists. While the majority of these regional specialists are housed in other counties located across the northwest extension region, they have programmatic responsibility for Gentry County and are available as an educational or problem solving resource.

The funding for University of Missouri Extension is unique. Salaries for regional extension specialists are paid by the University of Missouri. The university receives funding from both the federal and state level and also relies on grants, gifts, contracts and fees. Locally, our office could not function without the assistance we receive from the Gentry County Commissioners and we could not ask for three better men to work for/with. The county court has always been supportive of our mission and for that we wish to offer them a public and sincere thank you. Funding from the Gentry County Commissioners is used to pay our secretary's salary and a portion of our 4-H youth program associate's salary, mileage reimbursement for regional extension specialists and to maintain our office.

The Gentry County Extension Council is also indebted to the University of Missouri Agricultural Experiment Station. Several years ago our office was given the opportunity to move into the newly constructed University of Missouri Hundley-Whaley Learning Discovery Center. Our office and the facilities that we have access to are some of the best in the entire state. This has been a great example of a partnership by two different entities within the University of Missouri system and one that has worked well for both.

This past year has been another busy and active one for our office. The purpose of this informational piece is to highlight just some of the events, activities and educational programming that occurred in Gentry County during the past year. It also lists the members of the Gentry County Extension Council as well as our general operating budget.

In closing, we hope that you find the 2015 Gentry County Extension Council Annual Report to be both interesting and informative. If you are ever in need of information, education, or if you have suggestions for programming ideas that Gentry County University of Missouri Extension could provide, please do not hesitate to call 660-726-5610.

Sincerely,



Raymond Schmitz  
Gentry County Extension Council Secretary



Kendell Misemer  
Gentry County Extension Council Chair



Shawn Deering  
Gentry County Program Director

**University of Missouri, Lincoln University, U.S. Department of Agriculture and Local University Extension Councils Cooperating**

University of Missouri Extension does not discriminate on the basis of race, color, national origin, sex, sexual orientation, religion, age, disability or status as a Vietnam-era veteran in employment or programs.

**4-H**  
**POSITIVE YOUTH DEVELOPMENT**

Applying Science, Engineering and Technology  
 Choosing Healthy Lifestyles, Volunteer Development

*4-H Youth Specialist*  
*Becky Simpson*

*4-H Youth Program Associate*  
*Janet Sager*



Learners	Total Hours of Participation	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
<p>73 Gentry County 4-H members</p> <p>28 trained volunteers</p>	<p>Over 2500 4-H hours were accumulated with the 40 different projects Gentry County 4-H members enrolled in.</p> <p>2800 adult volunteer hours of preparation and teaching were given to the Gentry County 4-H'ers.</p>	<p>Gentry 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 under the guidance of adult volunteers who teach projects ranging from veterinary science to sport fishing. Clubs also involve children and teens in community service projects, camping and educational trips.</p> <p>The 4-H youth of Gentry County have demonstrated their advanced learning through the following county, regional or state activities:</p> <ul style="list-style-type: none"> <li>-Clover Kid Camp – 3</li> <li>-NW 4-H Camp – 13</li> <li>-Camp Counselors – 3</li> <li>-Region Shooting Sports – 13</li> <li>-State Shooting Sports – 4</li> <li>-Livestock Show – 22</li> <li>-Missouri State Fair – 28</li> <li>-NW Missouri State Fair – 28</li> </ul>	<p>Gentry County 4-H Youth are equipped with the knowledge, skills, attitudes and health for the 21<sup>st</sup> century workforce. Missouri 4-H members spend more of their leisure time than 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).</p> <p>Fostering career development is a priority and Missouri 4-H members are connected to college campuses and faculty members. MU Extension's 4-H program connects 8500 young people to University of Missouri campuses annually. Being on campus is a predictor of youth going onto higher education (Hoover, 2006).</p> <p>Missouri 4-H members also learn to use these talents to engage young people in their communities. Young people in 4-H are engaged in twice as many leadership roles than their non-4-H peers. This provides them with the experience in problem solving to step up and lead in a complex and changing world.</p> <p>In Gentry County, 73 4-H members were engaged in leadership and service experiences in their communities.</p>	<p>Youth who earn their bachelor's degree increase annual earnings by \$2 million over their lifetime (NACUBO, 2012). If 50 percent of the Gentry County members participating in 4-H events on the MU campus go on to earn their bachelor's degree, 4-H would help young people earn \$6 million more in lifetime earnings.</p> <p>Volunteers create, support and are a vital 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 per hour, based on average Missouri incomes, the contribution of Gentry County 4-H volunteers was more than \$59,000 in 2015.</p> <p>More importantly, these adults serve as mentors for our youth which helps transition them into adulthood. It is hard to place a value on that.</p>
 <p>Madelyn Derks presenting her speech at the 2015 Gentry County 4-H Achievement Day</p>				
 <p>Collin Sager exhibiting his Reserve Champion Hereford Boar at the 2015 Missouri State Fair</p>				

**AGRICULTURE – LIVESTOCK**  
**EDUCATION PLUS SOLUTIONS FOR FARMING SUCCESS**

Forage Production and Management  
 Beef Production Systems

*Livestock Specialist*  
*Shawn Deering*



Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
450 Beef Cattle Producers  700 FFA Students  25 Private Pesticide Applicators	Gentry County Ag Update and Pesticide Applicator Training	Initial training and recertification for private pesticide applicators and update on current agricultural topics. Beef cattle producers were educated on how to convert toxic fescue to novel endophyte varieties.	Applicators completed the legal requirements to obtain or renew their private pesticide applicators license.	In the rural areas of Missouri, a healthy agricultural community is the backbone of economic growth and sustainability. University of Missouri Extension events provide relevant, research-based information that allows producers to make informed decisions. These decisions impact their financial bottom line and ultimately determine whether or not they stay in business.
	Focus on Forages VII	How to manage forages for better production, lower cost and improved feed value.	Producers are able to produce more forage on fewer acres.	The average age of the farmer or livestock producer in the United States is continually increasing. The general population is becoming more and more removed from agriculture. Even though a student is enrolled in FFA, it does not mean that they have a farming background. By hosting events such as the Hundley-Whaley FFA day, we are exposing young people to agriculture, the University of Missouri system, and hopefully the resources and education that University of Missouri Extension can provide.
	Three-State Beef Conference	Supplementation strategies for beef cows, ways to improve forage production and the impact of herd fertility.	Ideas and strategies to reduce costs and improve beef production.	Over the past few years, a great deal of northwest Missouri pasture and hay ground has been converted to row-crop production. University of Missouri Extension regional livestock and agronomy specialists are helping producers manage their limited forage resources for increased production and decreased cost.
	Hundley-Whaley Research Center Field Day	New technologies and practices to improve row-crop production and increase forage production.	Attendees are able to see current technologies and assess value in their own farming operations.	By assisting beef producers with forage management, ration formulation, genetic selection, and production goals, University of Missouri Extension Livestock specialists are able to help cattlemen reduce input costs and improve returns. This has a positive effect on the local and statewide economy.
	Hundley-Whaley Research Center FFA Field Day	New agricultural production technologies and career options.	FFA students are exposed to cutting edge technology and the potential careers that are available in agriculture.	
	Fall Beef Producers Seminar	The importance of record keeping systems and the benefit of superior genetics.	Ideas and strategies to reduce costs and improve beef production.	
	Ration Balancing and Nutrition Consulting	Low cost feed rations that also improve gain and calf performance.	Reduced cost of production and increased performance of beef cattle.	
	Gentry County Cattlemen's Association	Educational meetings were held throughout the year on timely topics.	It is becoming increasingly important for agricultural producers of all commodities to band together.	

## AGRICULTURE – AG BUSINESS

### EDUCATION PLUS SOLUTIONS FOR FARMING SUCCESS

Farm Management  
Risk Management, Marketing

*Agriculture Business Specialist*  
*Randa Doty*



Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
Agricultural producers participating in USDA-FSA commodity crop programs	Summary of the Agricultural Act of 2014, also known as the farm bill. Commodity programs and new crop and livestock insurance programs and options were also covered.	Participants were able to make decisions regarding the new farm bill programs.	Producers were equipped with the knowledge and ability to make informed decisions regarding their participation in the new farm bill programs.	The new farm bill will impact agricultural producers. By supporting the education that MU Extension provided on the 2014 farm bill, farmers are better informed on how the programs can impact their operations.
Agricultural lenders	Agricultural market update	Attendees learn the current agricultural market conditions as presented by University of Missouri economists.	Agricultural lenders use the information to make informed lending decisions and to advise their customers to make sound business decisions.	Knowledgeable lending professionals that understand current market conditions assist agricultural producers with sound lending and business decisions.
Livestock producers	Livestock risk management, Livestock risk protection insurance, selling livestock using the futures market and options, local marketing opportunities	Livestock producers who attended the meetings learned how to use the futures market and trading options to help manage price risk and lock in potential profits. They were also given information about insurance options that could help reduce price risk in a volatile market.	Livestock producers used new or expanded knowledge to manage price risk in their livestock operation.	The value of livestock sales and their products in Gentry County is over \$91 million. Risk management will help producers protect profitability in this economically important industry.
Grain producers	The Show-Me-Market Showdown grain marketing program introduces grain producers to futures marketing, understanding basis, grain contracts, marketing plans, and crop insurance options.	Participants in this on-line grain marketing game learned about managing risk. An on-line marketing tool was used to simulate a real farm where each player had crops to market using the Chicago Board of Trade and other options.	Over the 10 week marketing game period, participants sold corn, soybeans and wheat through the on-line simulation. They were given access to a weekly blog that was prepared by an MU Extension Agriculture Business Specialist which gave participants new information about marketing.	Two Show-Me-Showdown marketing games were played which included 149 participants state-wide. Participants were able to learn about grain marketing and also to create networks to discuss risk management. Since they were marketing "virtual" grain, they were able to learn how these different marketing opportunities work without experiencing real risk to their operations.

# FAMILY NUTRITION PROGRAM (FNP)

## EDUCATION ON NUTRITION AND FITNESS FOR LIFELONG HEALTH

REACHING LOW INCOME CHILDREN AND FAMILIES WITH NUTRITION EDUCATION



*Family Nutrition Program Associates  
Micah Doty and Sue Robison*

Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
<p>622 elementary students from King City R-I, Stanberry R-I and Virginia E. George Elementary in Albany were directly contacted with FNP programming. In addition, 16 youth and 240 adults were indirectly contacted. FNP programs directly or indirectly contacted 878 people in Gentry County last year.</p>	<p>The FNP program provides information for lifelong health and fitness on:</p> <ul style="list-style-type: none"> <li>•Nutrition</li> <li>•Food Safety</li> <li>•Physical Activity</li> </ul>	<p>Evaluation data collected across the state reflects the positive impacts that occur in every county with FNP.</p> <p>2508 teachers throughout the state responded to surveys and reported positive impacts in their classroom students. The following are students' changes reported by teachers after FNP classes:</p> <ul style="list-style-type: none"> <li>• 90% reported that students are more aware of nutrition</li> <li>• 67% make healthier meal/ snack choices</li> <li>• 50% eat breakfast more often</li> <li>• 80% are more willing to try new foods</li> <li>• 83% improved hand washing</li> <li>• 39% improved food safety other than hand washing</li> <li>• 65% raised physical activity</li> </ul>	<p>Nutrition Program Associates, Micah Doty and Sue Robison, go into schools and interact with community members to help them make healthier food choices and build better habits.</p> <p>Nutrition education for youths provides information in kid-friendly terms and lessons with hands-on activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. Education for adults includes nutrition, food safety, physical activity and food resource management.</p>	<p>The Family Nutrition Program (FNP) brought \$8,872,444.71 in federal funds to the state of Missouri. These funds were used to provide nutrition education to 1,047,203 food stamp recipients and food stamp eligible citizens of Missouri. It also funds for one full-time job with quality benefits plus expenses for making the programming available to qualified students and agencies in Gentry County.</p> <p>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 higher 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.</p>



Micah Doty, Gentry County Nutrition Program Associate, shows first graders how to make healthy meal choices based on the My Plate initiative.

**NUTRITION AND HEALTH EDUCATION**  
**HOME FOOD PRESERVATION MADE EASY**

Helping Home Gardeners Preserve Produce Safely

*Health Education Specialist*  
*Janet Hackert*



Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
<p>Fifteen women participated in the three-part home food preservation series with a total of 45 contact hours.</p> <p>One participant, a nutrition and dietetics student at Northwest Missouri State University, assisted with the class as part of her required volunteer hours.</p>	<p>Participants learned through hands-on practice in the kitchen:</p> <p>Pressure canning</p> <p>Boiling water canning</p> <p>Freezing and dehydrating</p>	<p>In exit surveys, 100 percent (15 of 15) participants said they had improved their level of knowledge, skill or understanding as a result of these classes.</p> <p>More specifically, they reported the most important thing they learned was:</p> <ul style="list-style-type: none"> <li>• If the heat dropped below the required temperature during canning, you have to start the process all over.</li> <li>• Keep water two inches above jars.</li> <li>• Timing is important and add 5 minutes for elevation over 1000 feet.</li> <li>• Cutting an X in the end of tomatoes makes them easier to peel.</li> <li>• I learned a great deal about drying food and a variety of foods that can be dried.</li> </ul>	<p>Based on an exit survey, as a result of this program, 93 percent plan to preserve food. All those planning to pressure can had their pressure gauges tested for accuracy and are ready to can vegetables safely.</p> <p>67 percent plan to use tested recipes. Those not reporting this intention did not plan to use the particular preservation method.</p> <p>All participants demonstrated in class their ability to preserve food safely by pressure canning green beans, boiling water canning salsa and freezing carrots.</p>	<p>80 percent of the participants plan to share the food preservation information they learned with other people.</p> <p>By following safe home food preservation methods, the individual participants, their families and the communities they share food with are at lesser risk of coming down with food-borne illness when eating the preserved food later. This can mean less illness in the community and less loss of work hours due to food borne illness. It also allows individuals and communities to use and preserve locally grown produce, making it more viable for growers to sell their produce locally.</p>



Food preservers show their wares (canned salsa) in King City

**COMMUNITY DEVELOPMENT – AGRIBUSINESS TOURISM AND ENTREPRENEURSHIP**  
**EXPLORING OPPORTUNITIES**

Developing and Marketing Agricultural Related Products  
 Growing, Creating and Marketing Local Products

*Community Development Specialist*  
*Jerry Baker*



Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
<p>200 adults attending the MU Hundley-Whaley Center Field Day</p>	<p>Developing an agricultural business activity and exploring ways to best market the products were the focal points used in the individual and group presentations.</p> <p>In addition, access to digital and media resources such as the land plat maps available through the University of Missouri's digital library was provided to the participants.</p> <p>Visual presentations about strategies used to market agricultural related products were showcased.</p>	<p>Participants were encouraged to develop a simple business plan to market their agritourism projects and to refine how they will market their products to their changing communities.</p> <p>The access to the digital library at the University of Missouri was frequently noted by the participants as a "welcomed resource".</p> <p>As participants learned how the need for marketing agricultural products in a variety of ways is increasing, participants would often return and ask for more details relating to the procedures used to showcase and display certain types of products.</p>	<p>Tourism promotion and development is an emerging program in the rural, northwest Missouri areas. As a result, participants were provided information on how to develop and implement safety strategies in their agritourism marketing plans and operations.</p> <p>All participants were provided examples of emerging agribusiness products that are being marketed in current marketplaces in unique displays. The examples were noted by many participants as "...that is interesting how a change in display methods can create a new look in the marketing process".</p> <p>Internet and social media agritourism marketing was noted by many participants as an increasing opportunity for their consideration.</p> <p>Several attendees indicated their purchasing behaviors are changing based on their use of the internet as a shopping resource. As a result, they realized that their marketing strategies needed to also be updated.</p>	<p>The attendees from the northwest Missouri areas reported they were "catching up" on both their marketing strategies and purchasing venues. Therefore, learning new ways to showcase salable products through the internet and social media venues was increasing both their interest in gaining new marketing skills and their purchasing online.</p> <p>As product sales increase, a participant said, "You shared with me last year about a way to consider marketing my product. I went home and did what was suggested and I have done well in selling that product".</p> <p>Another presenter at the event shared, "I never knew the University of Missouri digital library existed until you shared that resource. I use it all the time now".</p> <p>The increase in marketing both products and agritourism experiences in northwest Missouri increases opportunities for additional revenue generation of existing and entrepreneurial start-up businesses.</p>



**HOUSING AND ENVIRONMENTAL DESIGN**  
**EDUCATION PROGRAMS AND ASSISTANCE TO CITIZENS**



Building Strong Families, Healthy Homes, Rent Smart  
 Energy and Weatherization

*Housing and Environmental Design Specialist*  
 Connie Neal

Learners	Topic	What They Learned	How Participants Benefited	How This Work Makes Gentry County and Missouri Better
6 Gentry County participants	Matter of Balance	After attending a Matter of Balance course, 100% reported being more comfortable about their fear of falling; 83% felt more comfortable increasing their activity; all planned to continue exercising, however, one participant will continue exercising but can only do specific exercises due to her health limitations.	Participants benefited by learning how to reduce the fear of falling, improve their strength and balance and increase their activity levels.	When you support University of Missouri Extension's Mater of Balance program, participants will set goals for increasing activity, make changes to reduce fall risks at home and use basic exercises to increase strength and balance. The program results in fewer falls and increases the likelihood of participants being able to remain in their own homes. As the class progressed, participants expressed improvements such as feeling energized, more alert and conscious of what they were doing, implementing measures such as using a ladder instead of a chair and how their balance had improved since taking the class.
6 Gentry County Community Services clients	Energy Management	The curriculum used included energy and weatherization information from MU Extension, the Department of Energy, Energy Star and Water Sense, an EPA program. It also included information on energy audits and energy efficient lighting.	Participants benefited by learning the importance of an energy audit, which the Gentry County Community Services provides free of charge. The learned measures they can take to save energy and money by replacing their light bulbs, using caulk, weather stripping and replacing faucets with energy efficient devices.	By increasing the energy efficiency of homes by including the importance of weatherization and insulation of homes as well as strategies for saving energy and water. Participants expressed how much they liked the simple and often inexpensive ideas for sealing holes to save energy. Two participants also commented that they were going to purchase gaskets for their electrical switches and outlets.



## Impact on Gentry County, Missouri

### The County at a Glance



Population: 6,775

- ❑ *UM Students:* 35
- ❑ *UM Alumni:* 139
- ❑ *UM Employees:* 13
- ❑ *UM Salary & Retirement Income:* \$258,251
- ❑ *UM State Tax Revenue:* \$7,649
- ❑ *UM Federal Tax Revenue:* \$38,797

### UM Students from the County in 2014

- 35 students
  - 26 - MU
  - 6 - UMKC
  - 1 - Missouri S&T
  - 2 - UMSL
- 30 - Undergraduates
- 5 - Graduates
- 33 - Full-time students
- 2 - Part-time students

### UM Employees and Retirees Residing in the County in 2014

- 13 people employed by UM
  - 12 - MU
  - 1 - Missouri S&T
- 1 UM Retiree or Beneficiary

### UM Alumni Residing in the County in 2014

- 139 alumni
  - 112 - MU
  - 22 - UMKC
  - 4 - Missouri S&T
  - 1 - UMSL
- 70 Selected School Alumni
  - 1 - Medicine
  - 4 - Nursing
  - 2 - Health Professions
  - 1 - Dentistry
  - 7 - Pharmacy
  - 3 - Veterinary Medicine
  - 38 - Agriculture
  - 12 - Engineering
  - 2 - Law

### UM Alumni Teaching K-12 in the County in 2014

- 3 teachers
- 3% of all county teachers

### UM Services Received in the County in 2014

- 34 patients seen at UM Health Care, with \$20,567 of uncompensated care.
- 6 patients seen at the UMKC School of Dentistry with an average of \$123 per patient in uncompensated care.
- 5,871 contacts with MU Extension through MU Extension events held in district counties.

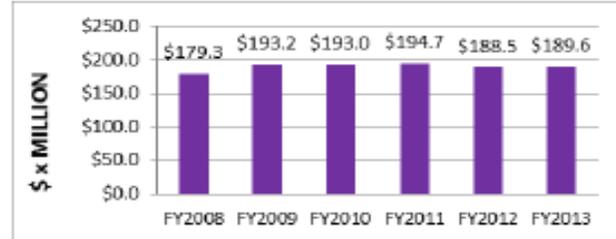
### UM Footprint in the County

Hundley-Whaley Farm Research Center, Gentry County MU Extension Center



## Impact on Gentry County, Missouri

### UM Research Expenditures Funded by Federal and Private Sources



- Between FY2008 and FY2013, UM brought in more than \$1.1 billion in federal and private research funds.

### Economic Development Highlights

- With \$3.2 billion in total revenues in 2014, UM would have been the 16<sup>th</sup> largest publicly held Missouri-headquartered company in the state in 2013.
- With almost 32,000 employees in the state, UM was Missouri's 2<sup>nd</sup> largest employer in 2013.
- In 2012, UM's \$165.2 million in federal research expenditures represented 94.3% of these expenditures at Missouri public universities.
- In 2014, UM's \$31.0 million in National Science Foundation (NSF) awards represented 91% of all NSF awards made to Missouri public universities.
- UM earned \$10.8 million in licensing income in 2014.
- UM received 176 new invention disclosures in 2014.
- 4 startups were created around UM technologies in 2014.
- UM was issued 53 U.S. patents and filed 83 new U.S. patent applications in 2014.

### Electronic Services to the State in 2014

- The Missouri Research & Education Network (MOREnet) provided internet connectivity and technical services to members that include:
  - 61 higher education institutions with more than 238,000 students.
  - 517 K-12 schools serving more than 846,000 students.
  - 132 public libraries connecting 335 library buildings that serve 5.3 million Missourians.
  - Serving the State Office of Administration, several municipalities and various other eligible organizations.
- MOREnet returned over \$15 million in telecommunications expenditures to companies doing business in Missouri.

### Financial Aid Provided to UM Students in 2014

- \$888.2 million provided to 58,553 total students
  - \$444.9 million (28,087 students) - MU
  - \$202.2 million (11,887 students) - UMKC
  - \$102.2 million (6,819 students) - Missouri S&T
  - \$138.9 million (11,740 students) - UMSL

### Impact on Education

- UM enrolled 44.8% of first-time undergraduates attending four-year public institutions in 2013.
- UM awarded 50.4% of the 1,210 doctoral degrees earned in Missouri in 2012.
- UM awarded 41.8% of the 1,890 first professional degrees earned in Missouri in 2012.
- UM awarded 53.6% of the 30,793 bachelor's or higher degrees awarded by Missouri's four-year public institutions in 2012.

*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 2014, based on the best available data.

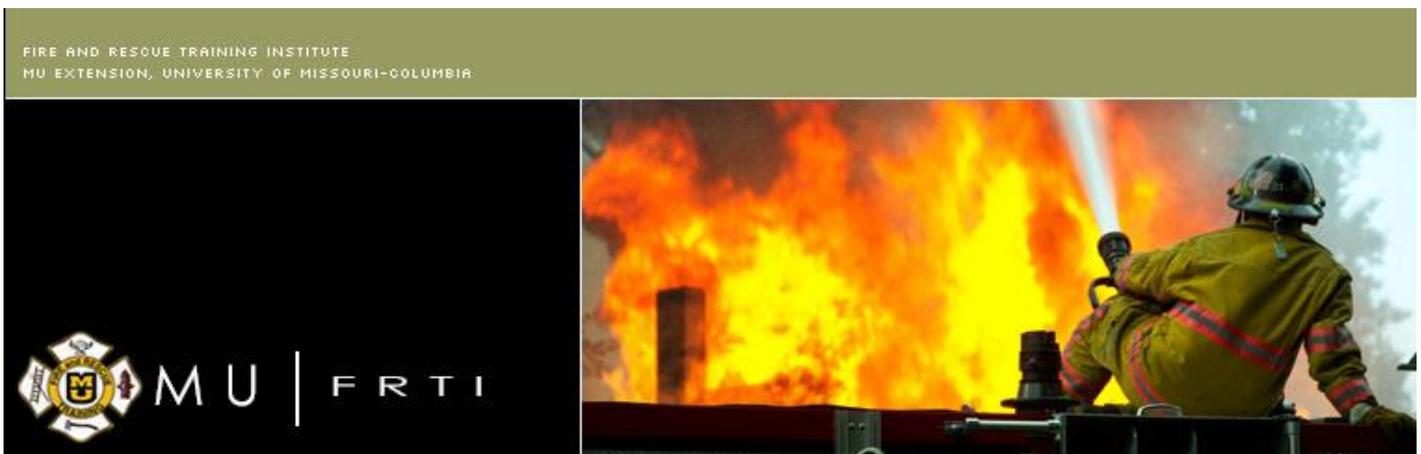
Data Sources include: Missouri Office of Administration • UM IRP • Office of Social and Economic Data Analysis (OSED) • Center for Applied Research and Environmental Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Dept of Health and Human Services • National Science Foundation

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# MU EXTENSION CONTINUING EDUCATION

## MU CONFERENCE OFFICE

The MU Conference Office (MUCO) 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 fiscal year 2015, the conference office registered 14,219 people for conferences on teacher education in math, science and writing; pesticide applicator training; youth leadership programs for students with disabilities; and many other topics. For more information, visit [muconf.missouri.edu](http://muconf.missouri.edu). **Twenty-two Gentry County residents participated in MUCO conferences in fiscal year 2015.**



## MU EXTENSION FIRE AND RESCUE TRAINING INSTITUTE

MU Extension's Fire and Rescue Training Institute (FRTI) is charged with providing comprehensive continuing professional education and training to Missouri's fire-service and emergency based personnel. The institute has a direct effect on the well-being and protection of Missouri's 29,000 firefighters and the 6 million citizens they serve. In addition to preparing them to fight fires, courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation. In fiscal year 2015, FRTI trained firefighters representing all of Missouri's 114 counties for a total enrollment of 13,005 fire and emergency responders equating to almost 152,585 student instructional hours of training. For more information, see [mufrti.org](http://mufrti.org). **In fiscal year 2015, seventeen Gentry County firefighters participated in courses offered by the MU FRTI.**

## MU NURSING OUTREACH

Keeping Missouri nurses up-to-date with the knowledge and skills they need to effectively provide care is a primary goal for MU Nursing Outreach. In fiscal year 2015, Nursing Outreach helped 1,821 health care professionals participate in a nursing outreach program and reached another 962 nurses through co-sponsored multidisciplinary programs. Nursing outreach serves a predominately rural health care audience with high-quality, affordable continuing education programs using face-to-face, web-based and online delivery methods. A full 94 percent of Nursing Outreach's Missouri participants reside outside the metropolitan St. Louis and Kansas City areas. **In fiscal year 2015, four Gentry County nurses participated in courses offered by the MU Nursing Outreach program.**

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# GENTRY COUNTY EXTENSION COUNCIL MEMBERS

## Officers

Chair.....Kendell Misemer  
Vice Chair.....  
Treasurer.....David Lynch  
Secretary.....Raymond Schmitz

## Elected Members

Athens Township.....David Lynch  
Howard Township.....Jim Grace  
Cooper Township.....Ryan Messner  
Jackson Township.....Donald Eiberger  
Wilson Township.....Kendell Misemer  
Wilson Township.....Raymond Schmitz

## Appointed Members

County Court.....Larry Wilson  
City of Albany.....  
City of King City.....David Waltemath  
City of Stanberry.....Dr. Steve Nickell

The Gentry County University of Missouri Extension Council meets every other month on the second Monday. Meetings are held in January, March, May, July, September and November at the MU Hundley-Whaley Research Learning Discovery Center in Albany, Missouri. Each meeting begins at 7 p.m. and is open to the public. Extension council membership is based on the townships that are located in the county. The by-laws are written so that membership consists of two members from each of the eight townships (Athens, Bogle, Cooper, Howard, Huggins, Jackson, Miller and Wilson) and an appointed member from the county court and the cities of Albany, King City and Stanberry. The Gentry County Extension Office is located at 1109 South Birch Street in Albany. The office is housed in the MU Hundley-Whaley Research Learning Discovery Center. This is a partnership between University of Missouri Extension and the University of Missouri Agricultural Experiment Station.



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## GENTRY COUNTY MISSOURI STATE FAIR FARM FAMILY

Each year, the Gentry County Extension Council selects a family to represent the county at the Missouri State Fair and receive the state fair farm family award. This year's recipient was the Chris and Jackie Allenbrand family from Stanberry, Missouri. Chris has been active in the Gentry County Cattlemen's association. Jackie has been a long-time 4-H supporter. They own and operate a farm near Stanberry.



## GENTRY COUNTY CENTURY FARMS

The Gentry County Extension Office promotes the Missouri Century Farms program. To qualify, the same family must have owned the farm for 100 consecutive years. The line of ownership from the original settler or buyer may be through children, grandchildren, siblings, and nephews or nieces, including through marriage or adoption. The farm must be at least forty acres of the original land acquisition and make a financial contribution to the overall farm income. Since the program began in 1976, more than 7,500 Century Farms have been recognized. Gentry County currently has 71 farms that have received this award. In 2015, two farms from Gentry County received the award. The Roger Rainey farm from King City and the William Smith farm from Stanberry were both selected. Applications for 2016 will be available February 1 and can be printed off of the Missouri Century Farms website ([www.extension.missouri.edu/centuryfarm/](http://www.extension.missouri.edu/centuryfarm/)) or picked up at the Gentry County Extension Office.

## GENTRY COUNTY EXTENSION COUNCIL LEADER'S HONOR ROLL

The Leader's Honor Roll program is intended to honor outstanding University of Missouri Extension community leaders who have excelled in supporting or co-teaching named programs. Selection is based on community leadership efforts that support the University of Missouri Extension Strategic Direction and program priorities. These include enhanced economic viability, building strong individuals, families and communities, and creating and sustaining healthy environments.

This year the Gentry County Extension Council selected Richard Messer and his wife Amy from Stanberry as the recipients of the Leader's Honor Roll award. Both Richard and Amy are long-time extension supporters and leaders in the Gentry County 4-H Shooting Sports program. Richard and his wife, Amy, have been very active in 4-H, the Gentry County Cattlemen's Association and the Missouri Cattlemen's Association.

## GENTRY COUNTY EXTENSION COUNCIL GENERAL OPERATING BUDGET

Income	2015 Actual
Gentry County Court Appropriations	\$28,970.04
Interest, Grants, Crop Sales	3,270.66
Resale Items, Services, Fees, Miscellaneous	2,638.09
Postage	840.00
<b>Total</b>	<b>\$35,718.79</b>
<b>Expenses</b>	
Secretarial Salary	\$20,158.20
Payroll Expenses	2,179.64
Specialist Travel	3,022.13
Communications	2,859.60
Supplies	668.89
Soil Tests, Publications, Miscellaneous	1,205.93
Equipment, Repairs	780.30
Insurance, Bonds	215.60
Youth Program Assistant Cost Share	4,904.76
Professional Services	290.00
University of Missouri Extension Fee Generation Distribution	0.00
<b>Total</b>	<b>\$36,285.05</b>
<b>Net Income</b>	<b>\$-566.23</b>

Funding for the Gentry County Extension Office is unique. University of Missouri Extension specialist salaries are paid by the University of Missouri. Funding for these positions comes from state and federal appropriations as well as with money from grants, contracts and fees. The office secretary, office operations, specialist travel and a portion of the 4-H Youth Program assistant's salary is paid from money that is appropriated from the Gentry County Commission. The Gentry County Extension Office also relies on revenue from grants, fees, crop sales from the MU Hundley-Whaley Center, testing and re-sale items. As you can see, extension is truly a cooperative effort that requires funding from many different levels in order to provide reliable, timely, research-based information to the citizens of Missouri.

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## NORTHWEST REGIONAL UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF



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## GENTRY COUNTY UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF



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**Judy Steinman**

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## ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION FACULTY AND STAFF SERVING GENTRY COUNTY



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## ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION FACULTY AND STAFF SERVING GENTRY COUNTY



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## ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION FACULTY AND STAFF SERVING GENTRY COUNTY



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### **Office Hours:**

Monday – Friday

8 a.m. to Noon

12:30 p.m. to 4:30 p.m.

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education on  
almost anything.**

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