



**Gentry County
Extension
Council Annual
Report**

2016

UNIVERSITY OF MISSOURI
MU Extension

TABLE OF CONTENTS

| | |
|---|------------|
| Letter from Dr. Marshall Stewart, Vice Chancellor for Extension, University of Missouri |3 |
| Letter from the Gentry County Extension Council secretary, chair and county program director |4 |
| 4-H Youth Development |5 |
| Livestock |6 |
| Horticulture |7 |
| Family Nutrition Education Program (FNEP) |8 |
| Community Development |9 |
| Housing and Environmental Design |10 |
| University of Missouri System Impacts on Gentry County |11-12 |
| University of Missouri Extension Continuing Education |13 |
| Gentry County Extension Council | |
| Members |14 |
| Missouri State Fair Farm Family |15 |
| Century Farms |15 |
| Extension Leader's Honor Roll |15 |
| Operating Budget |16 |
| University of Missouri Extension Faculty and Staff | |
| Northwest Regional University of Missouri Extension Office and Staff |17 |
| Gentry County University of Missouri Extension Office Faculty and Staff |17 |
| Additional University of Missouri Extension Faculty and Staff Serving Gentry County |18 |
| Gentry County University of Missouri Extension Office | |
| Address |19 |
| Phone number, Fax number, web address |19 |
| Office Hours |19 |
| University of Missouri Extension non-discrimination statement |19 |

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 every 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 to 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 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 are 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

January 2017

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 2016 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

A community of 75 youth building life skills,
 engaging in science and connecting to their community

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>A community of 75 4-H youth participants that are building life skills, engaging in science and contributing to their community.</p> <p>52 trained volunteers that create, support and are part of the 4-H community.</p> | <p>2500 4-H'er learning hours with their projects.</p> <p>4200 adult volunteer hours of preparation and teaching were provided to the 4-H members.</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"> -Clover Kid Camp – 2 -NW 4-H Camp – 13 -Camp Counselors – 3 -Region Shooting Sports – 20 -Livestock Show – 38 -Missouri State Fair – 28 -NW Missouri State Fair – 28 | <p>Gentry County 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 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>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 on to higher education (Hoover, 2006). 4-H youth are nearly twice as likely to expect to go on to college (Lerner and Lerner, 2011).</p> <p>Missouri 4-H members also learn to use these talents to engage 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, 75 4-H members were engaged in leadership and service experiences in their communities. Gentry County is growing future scientists as 4-H'ers are more likely to pursue careers in science, engineering or computer technology.</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>Missouri 4-H is growing future scientists. Young people in 4-H are three times more likely to pursue science-based careers than their non 4-H counterparts. In Gentry County, all 75 members were engaged in science related projects.</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 \$21.31 per hour, based on average Missouri incomes, the contribution of Gentry County 4-H volunteers was more than \$91,633 in 2016.</p> <p>More importantly, these adults serve as mentors for our youth helping them transition into healthy adulthood which is priceless.</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 |
|--|--|--|---|--|
| <p>450 Beef Cattle Producers</p> <p>650 FFA Students</p> <p>20 Private Pesticide Applicators</p> | <p>Gentry County Ag Update and Pesticide Applicator Training</p> | <p>Initial training and recertification for private pesticide applicators and update on current agricultural topics. Beef cattle producers were educated on the new Veterinary Feed Directive (VFD).</p> | <p>Applicators completed the legal requirements to obtain or renew their private pesticide applicators license.</p> | <p>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.</p> |
| | <p>Focus on Forages VIII</p> | <p>How to manage forages for better production, lower cost and improved feed value.</p> | <p>Producers are able to produce more forage on fewer acres.</p> | <p>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.</p> |
| | <p>Three-State Beef Conference</p> | <p>Strategic culling strategies for beef cows, forage toxicity issues and the impact of herd health.</p> | <p>Ideas and strategies to reduce costs and improve beef production.</p> | <p>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.</p> |
| | <p>Hundley-Whaley Research Center Field Day</p> | <p>New technologies and practices to improve row-crop production and increase forage production.</p> | <p>Attendees are able to see current technologies and assess value in their own farming operations.</p> | <p>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.</p> |
| | <p>Hundley-Whaley Research Center FFA Field Day</p> | <p>New agricultural production technologies and career options.</p> | <p>FFA students are exposed to cutting edge technology and the potential careers that are available in agriculture.</p> | <p>Reduced cost of production and increased performance of beef cattle.</p> |
| | <p>Fall Beef Producers Seminar</p> | <p>The benefit of genetic testing and the new Veterinary Feed Directive (VFD).</p> | <p>Ideas and strategies to reduce costs and improve beef production.</p> | <p>It is becoming increasingly important for agricultural producers of all commodities to band together.</p> |
| | <p>Ration Balancing and Nutrition Consulting</p> | <p>Low cost feed rations that also improve gain and calf performance.</p> | <p>Reduced cost of production and increased performance of beef cattle.</p> | <p>It is becoming increasingly important for agricultural producers of all commodities to band together.</p> |
| | <p>Gentry County Cattlemen's Association</p> | <p>Educational meetings were held throughout the year on timely topics.</p> | <p>It is becoming increasingly important for agricultural producers of all commodities to band together.</p> | <p>It is becoming increasingly important for agricultural producers of all commodities to band together.</p> |

AGRICULTURE – HORTICULTURE
EDUCATION PLUS SOLUTIONS FOR GROWING SUCCESS

Diagnostic Services
 Master Gardeners
 Education

Horticulture Specialist
Timothy Baker



| Learners | Topic | What They Learned | How Participants Benefited | How This Work Makes Gentry County and Missouri Better |
|--|--|---|--|--|
| Commercial vegetable and produce growers | Great Plains Growers Conference | <p>Participants are given information from industry and university experts on various topics.</p> <p>Commercial growers were also updated on the two food safety programs: FSMA (Food Safety Modernization Act) and GAPs (Good Agricultural Practices).</p> | Producers were equipped with the knowledge and ability to make informed decisions regarding their specific growing operation. | When you support MU Extension's horticulture programs for commercial producers, farmers are aided in their battle with insects, diseases and the everyday challenges of growing fruits and vegetables. Helping these growers gives Missouri citizens a source of locally-produced and nutritious food of much higher quality compared to food which has been shipped thousands of miles. More nutritious food leads to better health for everyone. |
| Master Gardener program participants | Master Gardener curriculum | Master gardeners receive education on all aspects of proper gardening and landscape care. | Program participants are able to successfully grow healthy foods for their families and they also make their communities better through volunteer work and service projects. | When you support the MU Extension Master Gardener program, Master Gardener students are trained in all aspects of horticulture to serve their fellow citizens through volunteer work. This may take the form of community beautification programs, working with youth or elderly or educating the public about gardening. This results in more beautiful communities, leading to increased property values, teaching youth to be better citizens, leading to decreased crime and producing more nutritious food which results in better health for everyone. |
| Home gardeners and homeowners | Throughout the year, extension offices receive many horticultural related questions on insects, weed identification and plant diseases | Home gardeners and homeowners are given research-based information to assist them with the problems they are having. | Local residents are better able to raise home-grown produce for their families and are also able to maintain a more pleasing landscape for their homes. | Local residents are better able to control insects, weeds and diseases in their gardens and landscapes. This results in healthier food and communities that more aesthetically pleasing. |



FAMILY NUTRITION PROGRAM (FNP)

EDUCATION ON NUTRITION AND FITNESS FOR LIFELONG HEALTH
AND FAMILIES WITH NUTRITION EDUCATION

*Nutrition Program Associates
Connie Griffith, Micah Doty and Sue Robison*



| Learners | Schools | What They Learned | What Action Did They Take? | How This Work Makes Gentry County and Missouri Better |
|--|--|---|--|---|
| <p>678 Youth Direct Contacts</p> <p>157 Total Indirect Contacts (Youth and Adult)</p> <p>In 2016, University of Missouri Extension (UME) Family Nutrition Education Programs (FNEP) provided nutrition education to low-income youth and adult participants in Gentry County.</p> <p>Nutrition educators provide kid-friendly lessons that include taste-testing healthy foods and practicing good skills that lead to good health.</p> <p>Education for adults includes nutrition, food safety, physical activity and food budgeting.</p> | <p>King City Elementary, King City</p> <p>Stanberry Elementary, Stanberry</p> <p>Virginia E. George Elementary, Albany</p> | <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"> • 90% reported that students are more aware of nutrition • 67% make healthier meal/ snack choices • 50% eat breakfast more often • 80% are more willing to try new foods • 83% improved hand washing • 39% improved food safety other than hand washing • 65% raised physical activity | <p>Nutrition Program Associate, Micah Doty shares:</p> <p>When teaching a 4th grade class at Virginia E. George Elementary, we learned about nutrients – the “good stuff” in foods that help our bodies grow and stay healthy. Since all foods have nutrients, learning to read and understand Nutrition Facts Labels is an easy way to see which nutrients are in a food and how much of each nutrient a food contains. Students have learned that our bodies need less of some nutrients (fat) and more of others (vitamins and minerals). In class, students have been checking labels – looking for nutrients and how much of each nutrient is found in different foods. Several students have talked with me about reading food labels at home. One young lady told me she will be eating less of a snack she thought was healthy since the package said it was made with real fruit. She found out that it didn't contain any vitamins or minerals. This is an amazing skill for this student to develop. Choosing foods with vitamins, minerals and other nutrients will help her grow strong and stay healthy now and in the years to come.</p> | <p>The Family Nutrition Program (FNP) brought \$8,582,289 in federal funds to the state of Missouri. These funds were used to provide nutrition education to 951,652 food stamp recipients and food stamp eligible citizens of Missouri.</p> <p>FNP recorded 835 total contacts 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> |

AGRITOURISM ENGAGEMENT AND PROMOTION

Agribusiness Engagement and
Agritourism Development

Community Development Specialist
Jerry Baker



| Learners | Topic | What They Learned | How Participants Benefited | How This Work Makes Gentry County and Missouri Better |
|--|--|--|--|---|
| <p>The MU Hundley-Whaley Center Field Day for farm operators had 200 attend the event.</p> <p>The FFA Day at the MU Hundley-Whaley Research Center had 650 students and adult sponsors from a wide geographic area attend the presentations.</p> | <p>The theme of both sessions at both events focused on the wide variety of methods and marketing strategies that are used in entrepreneurship and rural tourism opportunities that exist and emerging options.</p> <p>How to access resources outlining strategies to develop a business plan was orally presented.</p> <p>In addition, multiple examples were displayed from business start-ups that began as home-based businesses which have grown into regional and nationally known businesses.</p> <p>Products from these companies were displayed and used throughout the session as a way to illustrate marketing strategies.</p> | <p>How and where to access information provided by University of Missouri Extension to assist in the development of a business plan was explained and web links were provided for online resources.</p> <p>A printed handout outlining University of Missouri Extension internet accessibility to business planning data and documents was provided to all participants.</p> <p>Participants learned that marketing strategies are changing with the extensive use of social media.</p> <p>Agritourism enthusiasts and entrepreneurs learned how to access online documents that outline farm safety operation measures for those entrepreneurs who invite customers to their onsite locations.</p> <p>Successful marketing strategies not only included social media and standard advertisings, but also included ways to improve customer service.</p> | <p>The attendees not only were able to see the “store shelf” ready products that are currently being marketed, but they were also able to learn how to personalize business experiences through various strategies used in emerging business plans or when reviewing current business plans and opportunities.</p> <p>The handout forms provided links to attendees that shared business planning forms with explanations on how to complete some portions of the document. Several adult attendees requested multiple copies of the form.</p> <p>Successful marketing strategies developed are frequently reviewed to insure sustainability of the business.</p> <p>In addition to the business planning handout forms, participants were provided information relating to the University of Missouri Digital Library that also has several decades of Missouri plat maps posted online.</p> <p>FFA students are potential entrepreneurs in many agribusiness related fields and some are currently engaged in farmer’s markets, etc. Safety precautions and customer service techniques provided ways to more safely showcase and market their products.</p> | <p>Displayed items explained to the attendees were “real life” examples of agribusiness or agritourism options that entrepreneurs had begun as a start-up business. One displayed item began as a home-based business and is now a major shelf product in a multi-state grocery store chain. The message is a successfully operated home-based business can become an extremely high income producing business.</p> <p>As a business grows, so does the business plan. University of Missouri Extension documents provide an outline for entrepreneurs on how to expand their business plan and increase their profitability.</p> <p>As a business grows, so does the input versus output operations. Knowing how to effectively evaluate a marketing process enables entrepreneurs to sustain or grow their business.</p> <p>Determining which agritourism location will provide easier access to customers, reviewing the parameters of the available land space for the business opportunity can be viewed and visually determined by reviewing the plat mapping of the property.</p> <p>Knowing how to market a product is key to successful business operations. Attendees were provided with a business owner’s experience in planning and marketing and how to more effectively market to a broader audience by embracing successful customer service to all audiences in today’s marketplace.</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 |
|---|--|---|---|---|
| 21 Green Hills Community Action Agency (GHCAA) participants | Energy Management – Water Conservation | Participants learned measures that they can take to conserve water while saving energy as well as money. They also learned the importance of purchasing Water Sense products. | Participants benefited by learning the measures they can take in their own homes to save water/energy and money. GHCAA provided each family with a water conservation kit containing products that they could immediately implement in their own home to conserve water and save money. | This helps families to save money while conserving water and energy by implementing the measures they were taught as well as installing the products which assist them with their efforts. When we conserve water and energy, it helps our community and environment. |
| 14 Green Hills Community Action Agency (GHCAA) participants | Healthy Homes – Radon | Participants learned measures to make their home safer, the importance of radon testing and radon's effects on their indoor air quality and their health. | Participants benefited by learning what measures they can take to improve indoor air quality, the importance of testing and how to correct conditions in their home that can make it unsafe or unhealthy. Each participant was given a card to obtain a free radon-test kit. | It provides citizens with the information needed so that they can improve their indoor environment. It also provides an awareness of a misunderstood issue that many citizens are not aware of. |
| 8 Green Hills Community Action Agency (GHCAA) participants | Healthy Homes – Poison Prevention | Participants learned about the most frequent accidental poisonings. They learned how to properly dispose of medications and the importance of reading the labels on products that are purchased and the importance of keeping products in their original containers. They also learned the three key words to look for and what they mean as well as the three factors that lend themselves to higher risk for poisoning. | Participants benefited by learning the measures they should take to prevent accidental poisonings. These include proper disposal of medications, always reading labels on products and the importance of keeping products in their original containers. Participants also learned the importance of keeping chemicals in their proper space and out of the reach of children. | This helps families to identify the sources of accidental poisonings, key words and factors that determine higher risk and the importance of keeping products in their original containers. By learning how to properly dispose of medications, families also learned how they can prevent pollution of water sources. GHCAA provided each family with a locking medication safe. One participant said she was going to tell others about the class and what she learned. |



Gentry County, Missouri

The County at a Glance



Population: 6,792

- ❑ *UM Students: 38*
- ❑ *UM Alumni: 142*
- ❑ *UM Employees: 7*
- ❑ *UM Salary & Retirement Income: \$236,078*
- ❑ *UM State Tax Revenue: \$7,393*
- ❑ *UM Federal Tax Revenue: \$37,117*

UM Students from the County in 2016

- 38 students
 - 26 - MU
 - 12 - UMKC
 - 28 - Undergraduates
 - 10 - Graduates
 - 34 - Full-time students
 - 4 - Part-time students

UM Employees and Retirees Residing in the County in 2016

- 7 people employed by UM
 - 7 - MU
- 1 UM Retiree or Beneficiary

UM Alumni Residing in the County in 2016

- 142 alumni
 - 113 - MU
 - 23 - UMKC
 - 4 - Missouri S&T
 - 2 - UMSL
- 72 Selected School Alumni
 - 1 - Medicine
 - 4 - Nursing
 - 2 - Health Professions
 - 2 - Dentistry
 - 7 - Pharmacy
 - 3 - Veterinary Medicine
 - 38 - Agriculture
 - 13 - Engineering
 - 2 - Law

UM Alumni Teaching K-12 in the County in 2016

- 5 teachers
- 5% of all county teachers
- 1 principal or administrator
- 12% of all county principals and administrators

UM Services Received in the County in 2016

- 34 patients seen at UM Health Care, with \$40,441 of uncompensated care.
- 5 patients seen at the UMKC School of Dentistry with an average of \$54 per patient in uncompensated care.
- 7,760 contacts with MU Extension through MU Extension events held in district counties.
- University of Missouri Health Care's Missouri Telehealth Network provided services to 42 patients at 1 site.

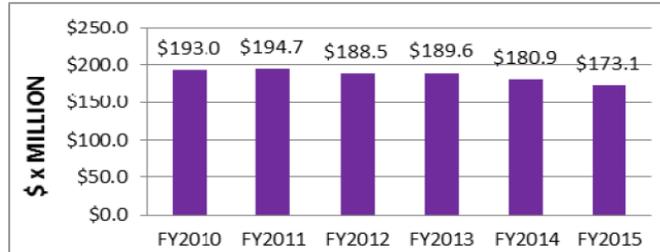
UM Footprint in the County

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



Gentry County, Missouri

UM Research Expenditures Funded by Federal and Private Sources



- Between FY2010 and FY2015, UM brought in more than \$1.1 billion in federal and private research funds.

Economic Development Highlights

- With \$3.2 billion in total revenue, UM would have been the 14th largest publicly held Missouri-headquartered company in the state in 2016.
- With approximately 32,000 employees in the state, UM was Missouri's 2nd largest employer in 2016.
- In 2014, UM's \$147.7 million in federal research expenditures represented 94.5% of these expenditures at Missouri public universities.
- In 2015, UM's \$34.9 million in National Science Foundation (NSF) awards represented 84% of all NSF awards made to Missouri public universities.
- UM earned \$16.4 million in licensing income in 2016.
- UM received 184 new invention disclosures in 2016.
- 3 startups were created around UM technologies in 2016.
- UM was issued 39 U.S. patents and filed 63 new U.S. patent applications in 2016.

Electronic Services to the State in 2016

- The Missouri Research & Education Network (MOREnet) provided internet connectivity and technical services to members that include:
 - 59 higher education institutions with more than 238,000 students.
 - 521 K-12 schools serving more than 838,000 students and 75,000 faculty.
 - 121 public libraries connecting 322 library buildings that serve 5.32 million Missourians.
 - Serving the State Office of Administration, several municipalities and various other eligible organizations.
- MOREnet procured over \$20 million worth of telecommunications services from companies doing business in Missouri.

Financial Aid Provided to UM Students in 2016

- \$916.7 million provided to 58,251 total students
 - \$476.3 million (28,288 students) - MU
 - \$193.7 million (11,144 students) - UMKC
 - \$114.1 million (7,722 students) - Missouri S&T
 - \$132.6 million (11,097 students) - UMSL

Education Highlights

- UM enrolled 44.8% of first-time undergraduates attending four-year public institutions in Fall 2014.
- UM awarded 43.2% of the 1,480 Research/Scholarship Doctor's degrees earned in Missouri in 2013-2014.
- UM awarded 25.7% of the 3,252 Professional Practice Doctor's degrees earned in Missouri in 2013-2014.
- UM awarded 55.1% of the 31,016 bachelor's or higher degrees awarded by Missouri's four-year public institutions in Academic Year 2013-2014.

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 2016, based on the best available data.

Data Sources include: Missouri Office of Administration • UM IR • 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

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 2016, 12,215 Missourians registered to attend MU Extension conferences for teacher education in math, science and writing; crop management, and agricultural lending, as well as statewide youth leadership programs. – FCCLA and 4-H. <http://muconf.missouri.edu> **Seventeen Gentry County residents participated in MUCO conferences in fiscal year 2016.**

FIRE AND RESCUE TRAINING INSTITUTE (MU FRTI)

MU Extension's Fire and Rescue Training Institute (FRTI) provides comprehensive continuing education and training to Missouri's fire service and emergency response personnel. The institute has a direct impact on the well-being and protection of Missouri's 29,000 firefighters and the 6 million citizens they serve. Courses prepare firefighters for medical emergencies, hazardous materials response and disaster preparedness and mitigation, as well as fires. In FY 2016, MU FRTI trained firefighters representing all 114 counties for a total enrollment of 13,828 fire and emergency responders. Student enrollment numbers rose by 6 percent in FY 2016 as compared to the previous year. MU FRTI served 1,360 fire departments, organizations or agencies in FY 2016. <http://www.mufrti.org> **In fiscal year 2016, nineteen Gentry County firefighters participated in courses offered by the MU FRTI.**

LAW ENFORCEMENT TRAINING INSTITUTE (LETI)

LETI brings state-of-the-art, certified, professional training to law enforcement officers and continuing professional education to a wide spectrum of other criminal justice and public safety professionals. For more than 60 years, the institute has been the state's leader in providing vital training and education services to Missouri's 17,000 in-service personnel and police recruits annually. Working with national, state and local agencies from 31 states, LETI provided basic and advanced animal cruelty investigations training. LETI also conducted 17 armed intruder/personal safety presentations to extension personnel and council members. LETI led several presentations to civic organizations, churches and businesses throughout the state on a variety of topics, including personal safety and armed intruder response. <http://leti.missouri.edu> **In FY 2016, three Gentry County residents participated in LETI courses.**

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 FY 2016, Nursing Outreach helped 2,094 health care professionals participate in its programs and reached another 881 nurses through co-sponsored multidisciplinary programs. Nursing outreach serves a predominantly rural health care audience with high-quality, affordable continuing education programs using face-to-face, web-based and online delivery methods. <http://nursingoutreach.missouri.edu> **In FY 2016, two Gentry County nurses participated in courses offered by the MU Nursing Outreach program.**

OFFICE OF CONTINUING MEDICAL EDUCATION AND PHYSICIAN LIFELONG LEARNING

CME/PLL serves both MU Extension and the MU School of Medicine by educating physicians and other health care professionals by enhancing the standard of health care to improve the health of the people of Missouri and beyond through health education, wellness promotion and health care quality improvement/performance initiatives. In FY 2016, CME/PLL offered 1,879 noncredit programs. <http://medicine.missouri.edu/cme/about> **In FY 2016, one Gentry County physician participated in programs offered by CME/PLL.**

GENTRY COUNTY EXTENSION COUNCIL MEMBERS

Officers

| | |
|-----------------|-----------------|
| Chair..... | Kendell Misemer |
| Vice Chair..... | Jim Grace |
| Treasurer..... | Josh Parsons |
| Secretary..... | Raymond Schmitz |

Elected Members

| | |
|-----------------------|-----------------|
| Athens Township..... | Josh Parsons |
| Howard Township..... | Jim Grace |
| Cooper Township..... | Ryan Messner |
| Jackson Township..... | Donald Eiberger |
| Jackson Township..... | Bernie Summa |
| Wilson Township..... | Kendell Misemer |
| Wilson Township..... | Raymond Schmitz |

Appointed Members

| | |
|------------------------|-------------------|
| County Court..... | Larry Wilson |
| City of Albany..... | |
| City of King City..... | |
| 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.



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 Donnie and Nancy Stevens family from Albany, Missouri. Donnie has been active in the Gentry County Cattlemen's association. Donnie and Nancy have both been active in 4-H and their children participate in livestock and shooting sports projects. They own and operate a farm near Albany.



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 73 farms that have received this award. In 2016, two farms from Gentry County received the award. The John A. Waltemath farm from King City and the Pete and Mattie Peterson farm from Stanberry were both selected. Applications for 2017 will be available February 1 and can be printed off of the Missouri Century Farms website (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 Dean Gillespie from Albany as the recipient of the Leader's Honor Roll award. Dean is a long-time extension supporter and serves as treasurer for the Gentry County Jr. Livestock Show and Sale. Dean and his family have been very active in 4-H, FFA, the Gentry County Cattlemen's Association and the Albany Young Farmers.

GENTRY COUNTY EXTENSION COUNCIL GENERAL OPERATING BUDGET

| Income | 2016 Actual |
|--|--------------------|
| Gentry County Court Appropriations | \$28,970.04 |
| Interest, Grants, Crop Sales | 954.92 |
| Resale Items, Services, Fees, Miscellaneous | 1,960.95 |
| University Program Funds | 3,390.00 |
| Total | \$35,275.91 |
| Expenses | |
| Secretarial Salary | \$20,194.81 |
| Payroll Expenses | 1,982.02 |
| Specialist Travel | 3,976.52 |
| Communications | 3,425.91 |
| Supplies | 917.22 |
| Soil Tests, Publications, Miscellaneous | 1,210.19 |
| Equipment, Repairs | 289.35 |
| Insurance, Bonds | 215.60 |
| Youth Program Assistant Cost Share | 4,986.47 |
| Professional Services | 50.00 |
| University of Missouri Extension Fee Generation Distribution | 0.00 |
| Total | \$37,248.09 |
| Net Income | \$-1,972.18 |

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 Gentry County, Missouri.

NORTHWEST REGIONAL UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF

Northwest Region MU Extension Office
706 South Woodbine, Suite A
St. Joseph, MO 64507

| | | |
|---------------|--------------------------|--|
| Karma Metzgar | Regional Director | 816.279.6064 metzgark@missouri.edu |
| Jill Knadler | Administrative Associate | 816.279.6064 knadlerj@missouri.edu |

GENTRY COUNTY UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF

Gentry County MU Extension Office
1109 South Birch Street
Albany, MO 64402

| | | |
|---------------|--|--|
| Shawn Deering | Gentry County Program Director Livestock Specialist | 660.726.5610 deerings@missouri.edu |
| Janet Sager | 4-H Youth Program Associate | 660.726.5610 sagerj@missouri.edu |
| Judy Steinman | County Office Support Staff | 660.726.5610 steinmanj@missouri.edu |

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

| | | |
|-----------------|--|--|
| Jerry Baker | Worth County Program Director Community Development Specialist | 660.744.6231 bakerjf@missouri.edu |
| Timothy Baker | Horticulture Specialist | 660.663.3232 bakert@missouri.edu |
| Katie Buchs | Human Development Specialist | 816.279.1691 buchsk@missouri.edu |
| Jim Crawford | Atchison County Program Director Natural Resource Engineer | 660.744.6231 crawfordj@missouri.edu |
| Penny Crawford | FNP Regional Coordinator | 816.632.7009 crawfordpe@missouri.edu |
| Micah Doty | Nutrition Program Associate | 66.425.6434 dotym@missouri.edu |
| Randa Doty | Nodaway County Program Director Agriculture Business Specialist | 660.582.8101 dotyr@missouri.edu |
| Clint Dougherty | Buchanan County Program Director PTAC Business Specialist | 816.279.1691 doughertyc@missouri.edu |
| Janet Hackert | Harrison County Program Director Nutrition and Health Ed Specialist | 660.425.6434 hackertj@missouri.edu |
| Connie Mowrer | FNP Program Manager | 660.632.7009 mowrerc@missouri.edu |
| Becky Simpson | Daviess County Program Director 4-H Youth Specialist | 660.663.3232 simpsonre@missouri.edu |

UNIVERSITY OF MISSOURI
M Extension



Gentry County University of Missouri Extension

1109 South Birch Street
Albany, MO 64402

Phone 660-726-5610

Fax 660-726-5701

www.extension.missouri.edu/gentry

Office Hours:

Monday – Friday

8 a.m. to Noon

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

**MU Extension is
Missouri's one-
stop source for
practical
education on
almost anything.**

University of Missouri Extension provides equal opportunity to all participants in extension programs and activities, and for all employees and applicants for employment on the basis of their demonstrated ability and competence without discrimination on the basis of their race, color, religion, sex, sexual orientation, national origin, age, disability or status as a protected veteran.