TABLE OF CONTENTS

Letter from Dr. Michael Ouart, vice provost and director, University of Missouri Extension .................................3

Letter from the Gentry County Extension Council secretary, chair and county program director .............................4

Positive Youth Development

4-H ...........................................................................................................................................................................5
Water Festival ..........................................................................................................................................................6

Livestock ..................................................................................................................................................................7

Family Nutrition Education Program (FNEP) ........................................................................................................8

Community Development .........................................................................................................................................9

University of Missouri System Impacts on Gentry County ....................................................................................10-11

University of Missouri Extension Continuing Education .....................................................................................12

Gentry County Extension Council

Members .....................................................................................................................................................................13
Missouri State Fair Farm Family ................................................................................................................................14
Century Farms ........................................................................................................................................................14
Extension Leader’s Honor Roll ................................................................................................................................15
Operating Budget ....................................................................................................................................................15

University of Missouri Extension Faculty and Staff

Northwest Regional University of Missouri Extension Office and Staff .................................................................16
Gentry County University of Missouri Extension Office Faculty and Staff ..............................................................16
Additional University of Missouri Extension Faculty and Staff Serving Gentry County ..........................................17-19
December 2013

Dear County Commissioners and Associated Friends of MU Extension:

As we enter 2014, we at University of Missouri Extension celebrate our 100-year partnership with you, with the State of Missouri and with the Federal Government. Through the Smith-Lever Act of 1914, the Cooperative Extension Service was established to provide practical application of research knowledge to “persons not attending or resident in said colleges in the several communities”. Over the years, the mission to bring you relevant, reliable and responsive education to improve lives and local economies remains the same. Yet, we also have changed to help you meet emerging issues and to take advantage of emerging opportunities.

Every day, MU Extension helps create value for citizens. For example:

- Throughout the state, MU Extension provides information to help address issues and opportunities related to Missouri’s economic infrastructure, public services, economic development, jobs and educational access. Counseling more than 3,000 business clients in FY12 resulted in 9,328 new jobs, sales increases of $188 million, $213 million in new business financing, and government contracts of more than $195 million.

- Our state and nation are in need of workers who are highly proficient in science, technology, engineering and math (STEM). Research has shown that 4-H members develop an increased interest in science three times higher than their non-peers. Both non-traditional activities, such as robotics, and more traditional activities, such as livestock judging and food preparation, are doorways to science-related careers.

- Livestock production accounts for about 53 percent of the state’s agricultural receipts. MU Extension’s Tier Two Show-Me-Select Replacement Heifer Program, which improves reproductive efficiency in beef herds, has garnered producers $237 to $357 per heifer, depending on the breeding protocol followed. Statewide economic impact of the program has exceeded $65 million.

These are just three examples of MU Extension’s impact – made possible through your support of MU Extension in your community. I look forward to our continuing partnership, and as always, your ideas for improving our partnership are welcome.

Sincerely,

Michael D. Ouart
Vice Provost and 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.
December 2013

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 2013 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
### 4-H Youth Specialist
**Becky Simpson**

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

*“4-H - A community of youth learning new life skills and connecting with their communities through a better understanding of today’s world”*

<table>
<thead>
<tr>
<th>Number of Gentry County Learners</th>
<th>Total Hours of Collective Participation in 2012</th>
<th>What Did They Learn?</th>
<th>How Did Participants Benefit?</th>
<th>How Does This Work Make Gentry County and Missouri Better?</th>
</tr>
</thead>
</table>
| 79 Gentry County 4-H members building life skills, engaging in science and connecting to community | Over 2800 4-H hours were accumulated with the 40 different projects Gentry County 4-H members enrolled in. 4800 adult volunteer hours of preparation and teaching were given to the Gentry County 4-H’ers. | With the selection of these projects, the 4-H members learned how to use available resources to help set and attain project goals. This was all accomplished by the volunteer’s teaching hours that were given to each 4-H member. Members learn by doing under the guidance of adult volunteers who teach projects ranging from aerospace to sport fishing. Clubs also involve members in community service, camping and educational trips. | Missouri 4-H members are twice more likely to have been on a college campus than their non-4-H peers. MU is by far the most frequently visited and 4-H is the second most reported reason to be on the MU campus (Lerner, 2008). MU Extension and 4-H connected 8500 youth ages 8 to 18 to the University of Missouri campuses and faculty. Being on a college campus is a predictor of youth going on to attend a college of higher education (Hoover, 2006). These 4-H members are more likely to go to college and enjoy:  
- Increased financial success for themselves and their children.  
- Being better consumers.  
- Improved quality of life through more opportunities for leisure and hobbies.  
- Improved health for themselves and their children (Porter, 2003).  
- More likely to vote as adults.  
- More likely to contribute to their community (Zaff, 2003; Lerner, 2009).  
- Youth who earn their bachelor’s degree increase annual earnings by $2.4 million over their lifetime (NACUBO, 2012). If 70% 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 more than $2.8 million over a lifetime of earnings.  
- 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 $19 per hour, based on average Missouri incomes, the contribution of Gentry County 4-H volunteers was more than $91,200 in 2013. 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.  
- 4-H projects as a whole are related to science and 4-H’ers compared to non-4-H’ers will be 70% more likely to participate in science, engineering or computer technology and 40% will be more likely to pursue a degree in these fields and attain a college education.  
- Gentry County is growing future scientists. 68 members were enrolled in science related projects during the 2013 4-H program year. |

*A volunteer works with 4-H members at the 2013 Gentry County 4-H Achievement Day Best in Show Awards*

*A volunteer works with a youth during the 2013 Gentry County 4-H Achievement Day*

---

4-H Positive Youth Development
Applying Science, Engineering and Technology
Choosing Healthy Lifestyles
Volunteer Development
## Water Awareness Festival

### Positive Youth Development

**Livestock Specialist**  
Shawn Deering

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

<table>
<thead>
<tr>
<th>Number of Gentry County Learners</th>
<th>Topic</th>
<th>What Did They Learn?</th>
<th>How Did Participants Benefit?</th>
<th>How Does This Work Make Gentry County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 Fifth Grade Students from Albany, Stanberry and King City</td>
<td>Stream Table</td>
<td>Visual demonstration of stream bank erosion and how to prevent it.</td>
<td>By participating in the water awareness festivals, grade school students experience hands on demonstrations of environmental and science concepts that they have been learning in school. Sessions presented at the festivals are designed to match up to the curriculum that is being covered in class and also to reinforce science topics that are covered on the Missouri Assessment Program (MAP) testing.</td>
<td>School administrators and teachers have indicated by follow-up surveys that students have increased their Missouri Assessment Program (MAP) testing scores in the science area by participating in this University of Missouri Extension program that is a joint effort with the Missouri Department of Conservation and the Natural Resources Conservation Service. Understanding the importance of water quality and environmental responsibility is something that everyone needs to know. Protecting and conserving our natural resources will be increasingly important in the future as populations increase worldwide.</td>
</tr>
<tr>
<td>5 Parent Volunteers</td>
<td>Birds and Beaks – Wetlands</td>
<td>An example of animal adaptation and specialization to specific environments.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Fifth Grade Teachers</td>
<td>Water Cycle</td>
<td>How the water cycle works and the importance of fresh water worldwide.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CSI – Close Up Science Investigation</td>
<td>How to use microscopes properly and also how to form a hypothesis and conduct research to support it.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Erosion In A Bottle – Just Add Water</td>
<td>How grass, trees and mulches help hold soil in place.</td>
<td>A pre and post-test is conducted to determine increase in knowledge. This year, there was a 69% increase in student test scores after they participated in the water festival.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Formula For Soil</td>
<td>The different components that make up soil and how the different ratio of the components affects soil characteristics.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enviroscape – Who’s Been In My Watershed?</td>
<td>What a watershed is and how the people living and working in a watershed affect it.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not My Problem – Topography</td>
<td>How to read a topographical map and how irresponsible actions affect water quality and the overall environment.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oh What A Tangled Web We Weave</td>
<td>The basic concept of a food web and how all aspects of life on earth are linked together.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gentry County fifth graders experience the hands-on stream table where they learn about stream bank erosion, channelization and methods to prevent problems from happening.
<table>
<thead>
<tr>
<th>Number of Gentry County Learners</th>
<th>Topic</th>
<th>What Did They Learn?</th>
<th>How Did Participants Benefit?</th>
<th>How Does This Work Make Gentry County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>350 Beef Cattle Producers</td>
<td>Gentry County Ag Update and Pesticide Applicator Training</td>
<td>Initial training and recertification for private pesticide applicators and update on current agricultural topics.</td>
<td>Applicators completed the legal requirements to obtain or renew their private pesticide applicators license.</td>
<td>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.</td>
</tr>
<tr>
<td>250 FFA Students</td>
<td>Focus on Forages V</td>
<td>How to manage forages for better production, lower cost and improved feed value.</td>
<td>Producers are able to produce more forage on fewer acres.</td>
<td>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.</td>
</tr>
<tr>
<td>40 Private Pesticide Applicators</td>
<td>Hundley-Whaley Cover Crop Plot Tour and Information Session</td>
<td>How to incorporate cover crops for agronomic benefit and livestock forages.</td>
<td>Cover crops help reduce erosion and improve soil health. We are trying to demonstrate that they also can provide forage for beef cattle.</td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>Hundley-Whaley Research Center Field Day</td>
<td>New technologies and practices to improve row-crop production and increase forage production.</td>
<td>Attendees are able to see current technologies and assess value in their own farming operations.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hundley-Whaley Research Center FFA Field Day</td>
<td>New agricultural production technologies and career options.</td>
<td>FFA students are exposed to cutting edge technology and the potential careers that are available in agriculture.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fall Beef Producers Seminar</td>
<td>Improved forage production options to reduce costs and tools to help with herd sire selection.</td>
<td>Ideas and strategies to reduce costs and improve beef production.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ration Balancing and Nutrition Consulting</td>
<td>Lower cost feed rations that also improve gain and calf performance.</td>
<td>One producer shared that I was able to cut his feed costs in half.</td>
<td>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 state-wide economy.</td>
</tr>
<tr>
<td></td>
<td>Gentry County Cattlemen’s Association</td>
<td>Educational meetings were held throughout the year on timely topics including nutrition, forage management, genetic selection and marketing.</td>
<td>It is becoming increasingly important for agricultural producers of all commodities to band together. There is strength in numbers. The association also is involved in many community events and activities.</td>
<td></td>
</tr>
</tbody>
</table>
**Family Nutrition Education Program (FNEP)**

**Education on Nutrition and Fitness for Lifelong Health**

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

---

**Family Nutrition Program Associates**

*Stephanie Weddle and Connie Griffith*

---

<table>
<thead>
<tr>
<th>Number of Gentry County Learners</th>
<th>Topic</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Gentry County and Missouri Better?</th>
</tr>
</thead>
</table>
| 753 elementary students from King City R-I, Stanberry Head Start, Stanberry R-I and Virginia E. George Elementary in Albany were directly contacted with FNEP programming. In addition, 16 youth and 335 adults were indirectly contacted. FNEP programs directly or indirectly contacted 1,104 people in Gentry county last year. | The FNEP program provides information for lifelong health and fitness on:  
- Nutrition  
- Food Safety  
- Physical Activity | Evaluation data collected across the state reflects the positive impacts that occur in every county with FNEP.  
3158 teachers throughout the state responded to surveys and reported positive impacts in their classroom students. The following are students’ changes reported by teachers after FNEP classes:  
- 99% reported one or more changes  
- 91% reported that students are more aware of nutrition  
- 68% make healthier snack choices  
- 49% eat breakfast more often  
- 82% are more willing to try new foods  
- 82% improved hand washing  
- 37% improved food safety other than hand washing  
- 65% raised physical activity | Nutrition Program Associates, Stephanie Weddle and Connie Griffith, go into schools and interact with community members to help them make healthier food choices and build better habits.  
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. | The Family Nutrition Education Program brought $7,653,958.00 in federal funds to the state of Missouri. These funds were used to provide nutrition education to food stamp recipients and food stamp eligible citizens of Gentry County. It also funds for one full-time job with quality benefits plus expenses making the programming available to qualified students and agencies in Gentry County.  
Participants in FNEP in Gentry County 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 healthier 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. |
## Community Development — Entrepreneurship and Disaster Preparedness

### Operations and Concept Developments

Developing and Marketing Agricultural Related Products  
Family Disaster Preparedness Planning

<table>
<thead>
<tr>
<th>Learners</th>
<th>Topic?</th>
<th>What Did They Learn?</th>
<th>How Did Participants Benefit?</th>
<th>How Does This Work to Make NW Counties in Missouri Better?</th>
</tr>
</thead>
</table>
| Approximately 425 area FFA students and adults interested in an agricultural based business development and tourism marketing attended the MU Hundley-Whaley Research Center Field Day sessions. | Developing entrepreneurship opportunities in retail agricultural based businesses and how to best market the products were focal points used in the presentations. | Participants learned how to access the MU Extension resources that enables a producer to:  
- Write a business plan.  
- Initiate the production of a marketable product.  
- Develop a strategy to evaluate their successes in the marketplace. | All business start-ups begin with a developed business plan. Participants were provided access to the MU business plan document with basic instructions.  
All participants were able to see and physically examine products that have been developed by youth and adult volunteers.  
The methodologies use to produce and market the products were explained. Participants were also provided numerous on-line extension resources that illustrate how others have developed multiple products and the marketing strategies used by these successful entrepreneurs. | Student and adult learners received numerous MU Extension resource links that further explain the writing of a business plan, including suggested directions. All learners were provided multiple, state extension office resources for specific development of marketing plans involving locally grown food products. Included in these resources was over 50 PowerPoint presentations illustrating “How to…” All learners received both verbal and resource document accessibility providing the how to set up and market and agri-business product or event. All learners were provided access to multiple resource photos, explanatory guidelines and various state laws on how to set up a farmers market. Other product points of sale displays were also featured in the guide sheets. |

| 22 adults attending the MU Hundley-Whaley Research Center Field Day | The MU Extension resource document providing fillable data to develop a personal family disaster plan was explained and provided to the learners. Personal assistance was provided as requested. | The area residents have experienced natural disasters during the past five years. All learners were provided the printed documentation on how to complete the distributed family disaster plan. | Having the printed guideline to complete the family disaster plan provided the learner a prescribed method for continued follow-up on building their family’s disaster plan of action. Having completed the action plan, families were able to complete the design of how their family was prepared for a natural disaster. | Two adult chaperones attending the FFA field day had attended previous field day presentations and had developed a home-based business. These business start-ups provide Missourians with increased agri-business markets. |

| Community Development Specialist | Jerry Baker | 

Student and adult learners received numerous MU Extension resource links that further explain the writing of a business plan, including suggested directions. All learners were provided multiple, state extension office resources for specific development of marketing plans involving locally grown food products. Included in these resources was over 50 PowerPoint presentations illustrating “How to…” All learners received both verbal and resource document accessibility providing the how to set up and market and agri-business product or event. All learners were provided access to multiple resource photos, explanatory guidelines and various state laws on how to set up a farmers market. Other product points of sale displays were also featured in the guide sheets. Two adult chaperones attending the FFA field day had attended previous field day presentations and had developed a home-based business. These business start-ups provide Missourians with increased agri-business markets. Having families detail where and what is located including medications, personal financial records, etc., provides a resource for storage of this information in a secure place such as their bank lock box or with trusted family members or friends provides a sense of personal information security to Missouri families. Four individuals indicated they had been searching for this type of a document to complete and place in a secure location.
Impact on Gentry County, Missouri

The County at a Glance
- UM Students: 23
- UM Alumni: 135
- UM Employees: 8
- Population: 6,738
- UM Salary & Retirement Income: $221,153
- UM State Tax Revenue: $5,942
- UM Federal Tax Revenue: $26,296

UM Students from the County in 2012
- 23 students
  - 20 - MU
  - 2 - UMKC
  - 1 - Missouri S&T
  - 20 - Undergraduates
    - 3 - Graduates
  - 22 - Full-time students
  - 1 - Part-time students

UM Alumni Residing in the County in 2012
- 135 alumni
  - 110 - MU
  - 22 - UMKC
  - 3 - Missouri S&T
  - 0 - UMSL
  - 75 Selected School Alumni
    - 1 - Medicine
    - 6 - Nursing
    - 2 - Health Professions
    - 2 - Dentistry
    - 6 - Pharmacy
    - 4 - Veterinary Medicine
    - 37 - Agriculture
    - 14 - Engineering
    - 3 - Law

UM Employees and Retirees Residing in the County in 2012
- 8 people employed by UM
  - 8 - MU
  - 1 UM Retiree or Beneficiary

UM Alumni Teaching K-12 in the County in 2012
- 2 teachers
- 2% of all county teachers

Select UM Properties in the County
Hundley-Whaley Farm Research Center

Advancing Missouri
Office of Government Relations
309 University Hall • Columbia, MO 65211 • 573-882-2726
www.umystem.edu/umsgr
1/4/2013
Impact on Gentry County, Missouri

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Funding ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2006</td>
<td>$159.3</td>
</tr>
<tr>
<td>FY2007</td>
<td>$162.7</td>
</tr>
<tr>
<td>FY2008</td>
<td>$173.2</td>
</tr>
<tr>
<td>FY2009</td>
<td>$185.6</td>
</tr>
<tr>
<td>FY2010</td>
<td>$193.0</td>
</tr>
<tr>
<td>FY2011</td>
<td>$194.7</td>
</tr>
</tbody>
</table>

**Electronic Services to the State in 2012**

- The Missouri Research & Education Network (MOREnet) provided internet connectivity and technical services to members that include:
  - 64 higher education institutions with more than 308,000 students.
  - 500 K-12 schools with 868,000 students and 76,000 faculty.
  - 134 public libraries connecting 345 library buildings that serve 5.4 million Missourians.
  - MOREnet returned $13 million in telecommunications expenditures to companies doing business in Missouri.

**Economic Development Highlights**

- With $3.2 billion in total revenues, UM would have been the 17th largest publicly held Missouri-headquartered company in the state in 2012.
- With more than 31,000 employees in the state, UM was Missouri’s 2nd largest employer in 2011.
- In 2010, UM’s $169 million in federal science and engineering research expenditures represented 93% of these expenditures at Missouri public universities.
- In 2012, UM’s $22.3 million in National Science Foundation (NSF) awards represented 80% of all NSF awards made to Missouri public universities.
- UM earned $6.8 million in licensing income in 2012.
- UM received 163 new invention disclosures in 2012.
- 8 startups were created around UM technologies in 2012.
- UM was issued 34 U.S. patents and filed 69 new U.S. patent applications in 2012.

**Financial Aid Provided to UM Students in 2012**

- $871.2 million
  - $432.1 million - MU
  - $202.2 million - UMKC
  - $97.5 million - Missouri S&T
  - $139.4 million - UMSL

**Impact on Education in 2011**

- UM enrolled 50% of first-time undergraduates attending four-year public institutions in 2011.
- UM awarded 49% of the 1,130 doctoral degrees earned in Missouri.
- UM awarded 42% of the 1,937 first professional degrees earned in Missouri.
- UM awarded 54% of the 28,798 bachelor’s or higher degrees awarded by Missouri’s four-year public institutions.

**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 2012, based on the best available data.

Data Sources include: Missouri Office of Administration • UM IRP • Office of Social and Economic Data Analysis (OSEDA) • 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) was created in 1963 to provide 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 the MU campus, elsewhere in Missouri or anywhere in the world, the office’s professional staff helps create the best learning environment for participants. For FY 2013, MUCO registered 13,982 Missourians in MU Extension conferences. In FY 2013, MUCO’s portfolio of conferences included the Nanofrontiers Symposium at MU; Write to Learn at the Lake of the Ozarks; Midwest Symposium on Therapeutic Recreation in St. Louis; in addition to the National eXtension Conference in Oklahoma City, OK; and Maize Genetics Conference in St. Charles, IL. Twenty-five Gentry County residents participated in MUCO conferences in FY 2013.

MU Extension Fire and Rescue Training Institute
MU Extension’s Fire and Rescue Training Institute (MU FRTI) provides comprehensive continuing professional education and training to Missouri’s fire service and emergency response personnel. The institute directly impacts the well-being and protection of Missouri’s 23,600 firefighters and the Missourians they serve. Courses prepared firefighters for medical emergencies, hazardous materials response, disaster preparedness and mitigation, as well as fires. During FY 2013, the institute provided 185,510 instructional hours of training and conducted 597 individual courses. MU FRTI served 12,066 Missourians from all 114 counties, and 1,802 out-of-state students. In FY 2013, 16 Gentry County firefighters participated in courses offered by the MU FRTI.

Many Other Continuing Education Opportunities Available
Additional continuing education programs are offered to professionals through the MU Extension by the Law Enforcement Training Institute (LETI), the Missouri Training Institute (MTI), MU Nursing Outreach (MUNO), Continuing Medical Education (CME) and Veterinary Medicine. Although there were not any Gentry County participants in the courses that were offered through these entities within MU Extension in FY 2013, these programs and services have been utilized in the past and will most certainly be in the future.
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
Huggins Township..............................................................................................Raymond Schmitz
.........................................................................................................................Dean Showen
Jackson Township..............................................................................................David Eiberger
Wilson Township..............................................................................................Kendell Misemer

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 7:30 p.m. 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.
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 Jim and Betty Grace family from Albany, Missouri. Jim and Betty are pictured with their daughter Anna. Jim currently serves on the Gentry County Extension Council and Betty was a long-time 4-H club leader in Albany.

GENTRY COUNTY CENTURY FARMS

This year, Gentry County had one application that was approved and received designation as a Century Farm. The Jesse O. and Ora F. Morris farm of Gentry, Missouri was selected. 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 69 farms that have received this award. Applications for 2014 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.
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 Jackie Allenbrand, pictured on the right with one of her service dogs, from Stanberry as the recipient of the Leader’s Honor Roll award. Jackie is a long-time extension supporter and former employee. She also developed the PHARM Dog program while working for MU Extension and MERIL. She and her husband, Chris, have been very active in 4-H and the Gentry County Cattlemen’s Association.

### GENTRY COUNTY EXTENSION COUNCIL GENERAL OPERATING BUDGET

<table>
<thead>
<tr>
<th>Income</th>
<th>2013 Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gentry County Court Appropriations</td>
<td>$25,970.04</td>
</tr>
<tr>
<td>Interest, Grants, Crop Sales</td>
<td>5,546.50</td>
</tr>
<tr>
<td>Resale Items, Services, Fees, Miscellaneous</td>
<td>3,878.45</td>
</tr>
<tr>
<td>Postage</td>
<td>840.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$36,234.99</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expenses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Secretarial Salary</td>
<td>$19,262.12</td>
</tr>
<tr>
<td>Payroll Expenses</td>
<td>2,190.10</td>
</tr>
<tr>
<td>Specialist Travel</td>
<td>3,799.25</td>
</tr>
<tr>
<td>Communications</td>
<td>2,773.81</td>
</tr>
<tr>
<td>Supplies</td>
<td>624.23</td>
</tr>
<tr>
<td>Soil Tests, Publications, Miscellaneous</td>
<td>3,347.96</td>
</tr>
<tr>
<td>Equipment, Repairs</td>
<td>729.95</td>
</tr>
<tr>
<td>Insurance, Bonds</td>
<td>176.00</td>
</tr>
<tr>
<td>Youth Program Assistant Cost Share</td>
<td>4,636.99</td>
</tr>
<tr>
<td>Professional Services</td>
<td>187.00</td>
</tr>
<tr>
<td>University of Missouri Extension Fee Generation Distribution</td>
<td>500.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$38,227.41</strong></td>
</tr>
</tbody>
</table>
NORTHWEST REGIONAL UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF

Karma Metzgar
Regional Director for the Northwest Extension Region
816-279-6064, metzgark@missouri.edu

Jill Knadler
Administrative Associate for the Northwest Regional Office
816-279-6064, knadlerj@missouri.edu

GENTRY COUNTY UNIVERSITY OF MISSOURI EXTENSION OFFICE FACULTY AND STAFF

Shawn Deering
Associate Extension Professional and Livestock Specialist
Gentry County Program Director
660-726-5610, deerings@missouri.edu

Janet Sager
4-H Youth Development Program Associate
660-726-5610, sagerj@missouri.edu

Judy Steinman
Gentry County Extension Office Manager/Secretary
660-726-5610, steinmanj@missouri.edu
ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION
FACULTY AND STAFF SERVING GENTRY COUNTY

Jerry Baker  
Community Development Specialist  
Worth County Program Director  
660-744-6231, bakerjf@missouri.edu

Heather Benedict  
Agronomy Specialist  
660-425-6434, benedicth@missouri.edu

Bruce Burdick  
MU Hundley-Whaley Research Center Superintendent  
660-726-3698, burdickb@missouri.edu

Jim Crawford  
Associate Extension Professional and Natural Resource Engineering Specialist  
Atchison County Program Director  
660-744-6231, crawfordj@missouri.edu

Randa Doty  
Agriculture Business Specialist  
Nodaway County Program Director  
660-582-8101, dotyr@missouri.edu

Clint Dougherty  
Procurement Technical Assistance Center Business Specialist  
816-279-1691, doughertycb@missouri.edu
## ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION FACULTY AND STAFF SERVING GENTRY COUNTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Fowler</td>
<td>Horticulture Specialist</td>
<td>816-279-1691, <a href="mailto:fowlert@missouri.edu">fowlert@missouri.edu</a></td>
</tr>
<tr>
<td>Connie Griffith</td>
<td>Family Nutrition Program Associate</td>
<td>816-632-7009, <a href="mailto:griffithco@missouri.edu">griffithco@missouri.edu</a></td>
</tr>
<tr>
<td>Janet Hackert</td>
<td>Associate Extension Professional and Nutrition and Health Education Specialist</td>
<td>660-425-6434, <a href="mailto:hackertj@missouri.edu">hackertj@missouri.edu</a></td>
</tr>
<tr>
<td>Penny Hopkins</td>
<td>Family Nutrition Education Program Project Director</td>
<td>816-632-7009, <a href="mailto:hopkinsp@missouri.edu">hopkinsp@missouri.edu</a></td>
</tr>
<tr>
<td>Don Miller</td>
<td>Human Development Specialist</td>
<td>816-279-1691, <a href="mailto:millerd@missouri.edu">millerd@missouri.edu</a></td>
</tr>
<tr>
<td>Constance Mowrer</td>
<td>Family Nutrition Education Program Manager</td>
<td>816-632-7009, <a href="mailto:mowrerc@missouri.edu">mowrerc@missouri.edu</a></td>
</tr>
</tbody>
</table>
ADDITIONAL UNIVERSITY OF MISSOURI EXTENSION
FACULTY AND STAFF SERVING GENTRY COUNTY

**Connie Neal**  
Housing and Environmental Design Specialist  
660-582-8101, nealca@missouri.edu

**Mark Porth**  
Community Arts Specialist  
660-259-4633, porthm@missouri.edu

**Becky Simpson**  
4-H Youth Specialist  
Daviess County Program Director  
660-663-3232, simpsonre@missouri.edu

**Rebecca J. Travnichek, Ph.D., AFC**  
Extension Professional and Family Financial Education Specialist  
Andrew County Program Director  
816-324-3147, travnichekr@missouri.edu

**Stephanie Weddle**  
Family Nutrition Program Associate  
660-582-8101, weddles@missouri.edu

---

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.