Equal opportunity is and shall be provided 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 Vietnam-era veteran. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations or military organizations associated with the armed forces of the United States of America.
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 of beef herds, has garnered producers $237 to $357 per heifer, depending on 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
A Note from University of Missouri Extension
in Harrison County

2013 Harrison County
Council Members
Leon Hicks, chair; City of Bethany
Debra Ware, vice chair
Courtnay Whitney, secretary
Jennifer Prest, treasurer; 4-H, Farm Bureau
Sally Anton
Kelly Claycomb
Robin Frank
Jim Holcomb, county commissioner
Richard Morgan, MFA
Randy Polley
Rebecca Prest, youth
Angela Ragan
O. Dee Smith
Carol (CJ) Wheeler

Dear County Commissioners and residents of Harrison County,

We are pleased to present you with this 2013 annual report highlighting some of University of Missouri Extension’s programming in the county.

MU Extension is the statewide outreach of all four campuses of the University of Missouri and Lincoln University. MU Extension staff provide educational resources to help citizens apply researched knowledge to solve individual and community problems.

Through conferences, short courses, workshops, one-on-one consultations, printed and recorded materials, and mass media, the MU Extension team brings to the public practical information in six program areas:

- 4-H Youth Development
- Agriculture and Natural Resources
- Business and Workforce Development
- Community Development
- Continuing Education
- Human Environmental Sciences

These solutions in Harrison County are made possible by the financial and programming support of the University of Missouri, Lincoln University, U.S. Department of Agriculture, county commission and the county extension council. Our impact relies on the additional support of individual volunteers, groups, agencies, organizations and businesses.

We appreciate all those who made 2013 such a big success in improving people’s lives and we look forward to continuing this effort together. We hope this report increases understanding about what University of Missouri Extension has done in Harrison County in 2013.

Leon Hicks
Council Chair
Janet Hackert
County Program Director

Office Staff
Janet Hackert
Nutrition and Health Education Specialist
County Program Director
Heather Benedict
Agronomy Specialist
Debbie Herrold
(Former) Nutrition Program Associate
Kyla Payne
Youth Program Associate
Marcia Evans
Office Manager
Barb Ubben
(Former) Office Manager

Extension Council Roles and Responsibilities
The Harrison County University of Missouri Extension Council serves as a governing body for MU Extension programs in the county. Their responsibilities include:

- Make recommendations and suggestion to the University concerning extension programs.
- Make recommendations and suggestions to the University concerning the appointment or removal of extension personnel.
- Arrange for and administer the county’s share of the cost of the extension services over which the council has jurisdiction.
- Receive, hold and/or sell real and personal property reasonably required for the extension program.
Federal and state funds provide salaries and benefits for professional staff assigned to the county, expenses for professional development, official mail and cost sharing on computer technology. The University also provides educational materials and faculty support for extension programs.

### 2013 Financial Statement
**Harrison County Extension**

**Income**
- County Appropriations: $30,999.96
- Balance Transfers: -$6,824.75
- **Total Income**: $24,175.21

**Expenses**
- Salary and Payroll: $15,315.00
- Payroll Expenses: 1,297.11
- Non Payroll Salaries: 0.00
- Travel: 2,170.78
- Postage: 150.00
- Telephone - Local: 960.05
- Telephone - Tolls: 369.78
- Advertising: 258.75
- Rent/Lease Equipment: 1560.61
- Publishing/Printing: 42.25
- Supplies/Services: 648.42
- Council Expenses: 237.80
- Other Contract Services: 400.00
- Insurance: 178.00
- Miscellaneous: 489.81
- Extension Council Election: 96.85
- **Total Expenses**: $24,175.21

A special thanks to Harrison County Commissioners Jim Holcomb, Jack Hodges and Rick Smith for their ongoing support of University of Missouri Extension in Harrison County.
2013 Programs of Distinction

Agriculture in Harrison County ................................................................. 6
169 agricultural producers ... use cover crops more effectively ... less water pollution due to soil runoff

Agricultural Update .................................................................................. 6
32 agricultural producers ... use better agricultural practices ... better use of pesticides

Weather Affects Harrison County Agriculture ........................................... 7
Agricultural producers ... overcoming results of droughts ... better food production

Horticulture in 2013 .................................................................................... 7
Produce growers ... protect plants from insects ... prevent contamination in produce eaten and sold

4-H in Harrison County ............................................................................ 8-10
111 4-H members ... meeting educational challenges ... learning to become adults ready to share skills and knowledge

Teens Caring for Kids .............................................................................. 11
16 teenagers ... prepared for babysitting children ... more competent future workers/parents

Healthy Families and Homes ................................................................. 12-13
995 individuals ... improve health, home and finances ... boosting local economy

Awards ........................................................................................................ 14
Outstanding leaders and long-time farm families ... keeping our communities strong
Agriculture in Harrison County

169 agricultural producers ... use cover crops more effectively ... less water pollution due to soil runoff

Spring rains helped to improve the subsoil moisture deficit from 2012. Lasting effects of the drought, still fresh in the minds of many producers, resulted in workshops on cover crops that were well attended. This topic is beneficial for the producers because it helps to alleviate the effects of drought as well as improving the health and production value of the soil. It is also important for the society as keeping growing plants on the fields helps prevent soil runoff and the adverse effects on water systems.

The University of Missouri Extension joined the Gentry and Harrison County Soil and Water Districts to bring a cover crop advocate, David Brandt, to speak to 143 farmers at the Hundley Whaley Research Center in January. Brandt is known throughout the United States for his work with many cover crops including tillage radishes. The attendees were eager to learn from Brandt’s successes with the use of cover crops. People leaving the meeting had much to discuss and many questions for the MU Extension specialists.

Another cover crop workshop was held in April by MU Extension specialists. The 26 growers were most impressed by the demonstration plots that Bruce Burdick, superintendent of Hundley Whaley Research Farm, had planted. After the workshop, several of the Harrison County residents in attendance used the information they gained from the meeting to begin to use cover crops in their own operations. These workshops mark the beginning of trend: a number of agencies including MU Extension have started to encourage the soil health benefits of using cover crops in production systems. Danny Carter of Gilman City used some of the information presented by Livestock Specialists Shawn Deering and Amy Schleicher to improve the soil health of his hay ground.

Producers can also now download a new app for their smart phones. The Weed ID app developed by University of Missouri Weed Scientist Dr. Kevin Bradley allows the user to properly and easily identify weeds in the fields or pastures.

Agricultural Update

32 agricultural producers ... use better agricultural practices... better use of pesticides

Residents of Harrison County attended private pesticide applicator training, called Agricultural Updates, in four counties in 2013. In order for agricultural producers to legally use pesticides classified “restricted use” by the Environmental Protection Agency, producers must be trained by MU Extension. Training sessions are offered in person or by video in county extension offices across the state. In the northwest part of Missouri, in addition to becoming licensed, those in attendance are also able to hear from MU Extension specialists about topics that are useful on their farms.

The Harrison County Agricultural Update found 15 in attendance. One of the topics covered by Agronomy Specialist Heather Benedict during the 2013 meeting was nematodes. Nematodes are microscopic worms that can infect soybean or corn roots and result in yield loss. Only one person in the Harrison County Agricultural Update had tested for nematodes in the past but after learning about nematodes, all but 27 percent reported they would at least consider testing for nematodes. This represents an increase over those reporting in 2012 that they would consider testing for nematodes.

Another topic covered by Benedict was herbicide resistance in weeds and the value of testing water before using pesticides. Eighty percent of the attendees reported they would test their water before mixing the herbicides. This will help to prevent overuse of chemicals and help to prevent the excess chemicals from affecting the water and soil.

Other MU Extension specialists covered the after-effects of the 2012 drought. Horticulture Specialist Tim Baker talked about how to keep trees healthy in a drought. Agriculture Business Specialist Randa Doty talked about how the drought would affect cattle producers. Livestock Specialist Shawn Deering gave valuable information about cattle body conditions going into winter as well as how to properly cull a cow herd.
Weather Affects Harrison County Agriculture
Agricultural producers ... overcoming results of droughts ... better food production

The weather of the 2013 growing season was varied and resulted in a number of hazards for the crops of Harrison County. Agronomy Specialist Heather Benedict went on a number of farm visits during the growing season to help producers diagnose and address the problems brought about by the climate.

Wheat harvests in some fields showed lower than expected yields. These low yields were a result of a late freeze. The freezing weather hit at the time when the wheat was in its pollination stage. The cold weather inhibited the pollination. As a result, the heads of the wheat did not produce their potential yield.

Alfalfa growers found the growing season was ideal for potato leaf hoppers and other insect pests. Leaf hoppers suck the sap from the alfalfa and in the process damage the tubes which distribute nutrients to the plants. The stress from the potato leaf hoppers can be multiplied when alfalfa caterpillars, aphids and stinkbugs are also found in the field.

In 2013 there was a “flash drought” in northwest Missouri. A flash drought is a severe short-term event characterized by low moisture and high temperatures. This weather event affected many of the row crops.

The flash drought affected the corn yields. Farmers near Cainsville used MU Extension to aid in estimating corn yield. For a second year in a row, producers needed to determine if it was worthwhile to harvest the corn for grain or if it would be more economical to harvest it for silage. Benedict’s estimation of the potential yield as well as nitrate testing of the stalks allowed producers to make educated decisions regarding their crops.

Soybean producers found that the flash drought caused some varieties to mature earlier than would have been expected. The variation in ripening based on maturity ratings caught some of the growers unprepared for the early harvest. The variation in growing days needed was a result of weather rather than disease or other organisms.

Horticulture in 2013 varied as much as the residents of Harrison County. The commercial produce growers found that insect pressure and lack of rain affected their production. Home gardeners and homeowners found that trees had become stressed due to the 2012 drought.

The wet spring of 2013 that followed the dry year of 2012 resulted in damage to the bark of the trees. Many landowners were concerned that their trees would not survive the damage, insects and fungal pressure. Aid from MU Extension allowed landowners to improve the likelihood that their trees will survive for years to come. This will help the aesthetics of the community as well as preserving the air, water, and shade values of the trees.
In 2013, 4-H in Harrison County has grown by 11 percent plus one. This year Harrison County had the highest enrollment in over a decade with 111 4-H members, up 11 percent from last year. Also Kyla Payne completed the 4-H team when she joined the MU Extension staff as youth program associate. Payne, a former 4-H member herself, brings both experience and knowledge to help grow the program in the future.

Harrison County 4-H serves these youth through five organized clubs, school enrichment, camps and more. Harrison County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of 67 adult volunteers. The youth of Harrison County have demonstrated advanced learning through the following activities:

**Regional, State and National 4-H Attendance:**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clover Kids Overnight Camp</td>
<td>2 members, 2 volunteers</td>
</tr>
<tr>
<td>4-H Summer Camp</td>
<td>7 members</td>
</tr>
<tr>
<td>State Public Speaking</td>
<td>2 members</td>
</tr>
<tr>
<td>4-H Congress</td>
<td>3 members</td>
</tr>
<tr>
<td>National 4-H Congress</td>
<td>1 member</td>
</tr>
<tr>
<td>Shooting Sports</td>
<td>30 members</td>
</tr>
<tr>
<td>Missouri State Fair</td>
<td>33 members</td>
</tr>
</tbody>
</table>

4-H project work and related educational experiences help youth explore interests from animal science to aerospace, resulting in increased interest in science at a rate three times that of non-4-H peers. Projects such as robotics, water quality, conservation, livestock, veterinary science and computer software allow 4-H members to practice wise use of resources; decision making, goal setting and marketable skills; and self-motivation.

Interest in science is a predictor for young people to choose science-related careers. Compared to non-4-H youth, 4-H youth are 70 percent more likely to participate in science, engineering or computer technology programs and 40 percent more likely to pursue science, engineering or computer technology courses or careers. Members are also 70 percent more likely to go to college than youth participating in other out-of-school programs. This, combined with their interest in science, is helping grow future scientists.

Youth who earn their bachelor’s degree increase annual earnings by $2.4 million over their lifetime (NACUBO, 2012). If 70 percent of the Harrison County members participating in 4-H events on the MU Campus go on to earn their bachelor’s degree, 4-H helps young people earn $1 million more in earnings during their lifetimes.

Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Valuing their time at $19.00 per hour, based on average Missouri incomes, the contribution of Harrison County 4-H volunteers was worth more than $127,300 in 2013. More importantly, these adults serve as mentors for our youth helping them transition into healthy adulthood and this is priceless.

4-H in Harrison County, continued

4-H is about successes for individuals and individuals working in groups. These experiences teach skills, leadership and service while growing youth into adults ready to be active members of the community. Here are some of those successes from 2013.

Harrison County was represented very well this past year at the state and national levels. Cooper Sadowsky has served as the northwest regional representative for the Missouri State 4-H Congress. She also received the Angus Showmanship Award in the Missouri 4-H/FFA Angus Show. Rebecca Prest participated in the Equine Trip and served as a camp counselor. Three members attended Teen Congress including Sara Campbell, Cooper Sadowsky, and Rebecca Prest.

The Harrison County Shooting Sports club had a very exciting year. Drake Fordyce won the Senior Compound 3-D Archery, Senior Compound Release and Senior American 600 Compound competitions at the state competition and secured a position on the State Shooting Sports team for compound archery. Drake is also ranked first on the state team in all three disciplines of compound archery.

Over this past year the 4-H Council has transitioned into wholly youth-led meetings. The 4-H Council officers have made direct decisions concerning fund raising, catering opportunities, the Northwest Missouri State Fair, Achievement and Contest Days, and county-wide fun days. The 4-H club leaders are really glad that our council has reached the point where the youth can take an active role. These officers have gained invaluable experience in decision making, leadership and parliamentary procedures that they will build upon in their future endeavors.

4-H is called upon to assist in catering and entertainment for local organizations. These events require the council to spend time planning out the event, thus working on their team-building skills. A new adventure presented itself this year in helping the Harrison County Extension Council with their annual meeting. Not only did this help the extension council out by assisting in the meal and entertainment, but it also allowed more exposure for the youth. It also aided council in putting faces with the organization they so avidly support. Every single youth involved in this event was able to walk away with at least one fact about the extension council and its role within Harrison County.

This year 4-H members were able to run the concession stand at the Tae-Kwon Do Tournament with minimal assistance from adults in product preparation. One hundred percent of the youth involved were able to gain confidence while interacting with complete strangers. They showed leadership and initiative when working through problems and were able to correctly count change back to customers, and did so without the use of a calculator!

2014 Missouri 4H Compound Archery state team will include Harrison County’s Drake Fordyce, third from left.

4-H members prepare to serve drinks to MU Extension Annual Meeting guests.
4-H Members Learning What They Need to Be Adults

Rebecca Prest (second row, left) serves as camp counselor.

Clover Camp participants 2013.

Participants at State 4-H Congress from left to right: Cooper Sadowsky, Sara Campbell and Rebecca Prest.

Rebecca Prest attended the Equine Trip.
Sixteen girls gave up a Saturday to learn important life lessons at the Teens Caring for Kids workshop held October 5, 2013. Jessica Trussell, human development specialist, and Janet Hackert, nutrition and health education specialist, worked with two local Girl Scout leaders to make the event a reality.

Using the 4-H/Army Child and Youth Services curriculum called, “I have what it takes to be YOUR teen babysitter,” Trussell pulled together a team of MU Extension staff and local volunteers to bring this opportunity to Harrison County youth. She joined Hackert, 4-H Youth Development Specialist Becky Simpson, Gayla Sunderland, child care provider, Judy Tibbles, Parents As Teachers educator and Polly Johns, nurse, to lead the future babysitters in small-group workshops on feeding children, the business of babysitting, entertaining children, child development, first aid and home safety. Paramedic Jake Loving from Noel T. Adams ambulance district talked with the girls about choking hazards and what to do if a child under their care were choking. He also gave each participant the opportunity to practice their technique on a doll. Firefighter Dave Kinneson reviewed fire safety and the importance of knowing what the parents’ plan is in case of fire before the emergency occurs. All were excited about learning in such a fun environment.

Not only did the participants enjoy the day, they also learned some valuable lessons. A pre/post-survey showed increases in knowledge in the following areas:

- Safety: 31% (5 out of 16) correct to 100% (16 out of 16) correct; 69% improved.
- Business of Babysitting: 31% (5 out of 16) correct to 88% (14 out of 16) correct; 56% (9) improved.
- First Aid: 94% (15 out of 16) correct to 100% (16 out of 16) correct; 6% (1) improved.
- Entertaining Children: 81% (13 out of 16) correct to 88% (14 out of 16) correct; 6% (1) improved.

These future entrepreneurs, and possible parents themselves one day, learned lessons to carry with them as babysitters and for their own lives. For example,Hackert taught the girls about healthy snacks. They made a healthy snack that could be used with the children they babysit or for themselves. The snack included shredded cheese, peanut butter, a graham cracker, green peas and raisins. It included one food from each of the food groups. All the participants enjoyed making the “Food Group Funny Face” and two mentioned that although it may have seemed to be an odd combination "it really did taste good." This was something they would use as a snack in the future. They also reviewed choking hazards and the importance of proper technique for hand washing.

In the long term, as with other programs sponsored by 4-H, the young people who participated in this workshop learn skills they can use for a lifetime. Participating in this program helps youth make healthy food choices, avoid risky behaviors, accept responsibility for doing a job and carry it out well, understand how to care for a young child safely and responsibly, work out problems presented to them, follow instructions given to them and understand how to run a small business. Ultimately, those who participate in such 4-H programs become youth, and later adults, who are competent consumers and responsible workers, capable of making wise economic decisions to support a healthy lifestyle for themselves, their families and their communities.
The Human Environmental Sciences team of MU Extension worked with 995 individuals to help them improve life for themselves, their families and their communities.

Sixteen older adults from Eagleville, Ridgeway and Bethany participated in the Stay Strong Stay Healthy classes taught by Nutrition and Health Education Specialist Janet Hackert. They built the core muscle strength, improved balance and increased flexibility needed to remain independent longer. During the ten-week classes, participants spent 184 hours safely doing strengthening exercises and stretches designed to help with everyday activities. Half of the participants did the exercises a second or even third time each week, on non-consecutive days, and so saw the benefits of doing what is recommended by the 2008 Physical Activity Guidelines for Americans.

In general, doing the Stay Strong Stay Healthy exercises regularly leads to reduced risk of falls, heart disease and osteoporosis, decreased stress, improved weight control and overall quality of life. These health benefits not only help maintain a healthy, strong workforce, they also decrease the likelihood of a participant entering a nursing home, which costs on average $24,455 per year in Missouri. The money saved benefits others in the area by keeping more discretionary income in circulation in the community.

Others taking control of their wellbeing included eight adults who participated in the Living a Healthy Life with Chronic Conditions program, learning self-management techniques during this six-week course taught by Hackert. Men and women from Ridgeway, Hatfield, Bethany and the surrounding area reported that they had learned problem-solving skills, ways to breathe better, communication techniques, and how to make and carry out an action plan. As one woman said, “I will have problem-solving steps in place so when something happens, I can be ready and even be proactive.” Class participants from an independent living facility were very excited to learn so much in the class, prolonging their independence and helping them put off “crossing over to the nursing home.”

The Family Nutrition Education Program (FNEP) reached 870 participants in Harrison County with nutrition education during 2012-2013 school year. FNEP provides information on nutrition, food safety, and physical activity for lifelong health and fitness.

Nutrition education for youth 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 with low incomes includes nutrition, food safety, physical activity, and food resource management.

Youth and adults from around the county participated in a variety of FNEP programs. Nutrition Program Associate (NPA) Debbie Herrold taught 464 youth in Harrison County elementary schools. Each month at the food pantry in Bethany, 200 adults received ideas on simple ways to be physically active with their families and some recipes for healthy, inexpensive meals they and their families could enjoy.
Healthy Families and Homes, continued

FNEP’s Think Your Drink display was requested for the Transition Skills Day held in April. Hackert discussed wise drink options with a unique group of 26 high school students and 34 of the adults that support them (teachers, parents, counsellors and guardians), from North Harrison, South Harrison, Cainsville and other surrounding school districts. These young people asked many good questions about healthy options as they prepared to transition into the world on their own, despite the cognitive and physical challenges they face.

A story Herrold shares demonstrates the long-term effect MU Extension programming can have in a person’s life:

_I took a meal to a woman that has been recovering from a long illness. We were visiting and she discovered that I was the “nutrition lady.” Although her oldest daughter is now in eighth grade (she would have been in kindergarten when I started my job as an NPA), she still talks about things she learned from me in class. The woman shared how her daughters talk about nutrition at meals and thanked me for what we do. It is gratifying to realize that our program does make a difference, even years later._

Participants in FNEP, like this young woman, 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 high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce health care costs over the participant’s lifetime, saving taxpayers money in reduced public health care benefits and insurance premiums.

People in Harrison County also had many food safety and food preservation questions. Hackert worked with 67 women, men and youth to find safe solutions to their concerns, including how to safely can tomatoes of various colors, the methods for safely thawing a turkey and freezer storage times, to name just a few.

Throughout the year, Housing and Environmental Design Specialist Connie Neal worked in partnership with Green Hills Community Action Agency to help 27 families improve their financial lives and living environment. These men and women learned topics such as budgeting, renters’ rights, green cleaning, and energy and weatherization. Participants in these hands-on workshops reported doing the following:

- Being more diligent in reading a rental agreement before agreeing to it.
- Planning to be more careful with money, starting with tracking their spending.
- Tightening up on extras so they can save.
- Using the ingredients they were given to make their first inexpensive yet effective set of cleaning supplies.
- Using these supplies generously to do a deep cleaning (since they are so inexpensive and safe).
- Using caulk, weather-stripping, energy-efficient light bulbs and water-saving faucets to save money on utility bills.

These families are likely to make fewer demands on agency and community resources by taking control of the condition of their finances and homes. This also reduces their need for predatory financial services. Also by using more environmentally-friendly cleaning supplies, the air and water stays cleaner for the benefit of all.

Family Financial Education Specialist Rebecca Travnichek was able to assist three men and four women in filing their taxes, with a total of $3,763 in refunds for the day, through the Missouri Taxpayer Education Initiative. This included property tax credits of $1,548. This money then remains in the local community, stimulating the economy with federal and state tax refund dollars and money from tax credits.
Leaders Honor Roll

Joyce Ellis and Anita Milligan were awarded the 2013 Leaders Honor Roll. It is an award given to those members of the community who have gone above and beyond to support MU Extension and to promote its programming. Joyce Ellis has served as treasurer for the entire four-year term of her service. She has done a great job of promoting MU Extension at the fair and in the community. Anita Milligan has been an avid supporter of MU Extension as a member and project leader of her 4-H club during the 1940s and 1950s, and with the Garden Club and 21st Century Club today. She has utilized the knowledge and resources of MU Extension specialists to beautify the city of Bethany with a number of small gardens. She also calls the office or sends her friends to us to get their answers straight from the source.

Century Farm Family

The Century Farm Award is given to farms that have at least 40 acres and have been in the same family for at least 100 years. Ed and Karen Wooderson were awarded the Century Farm Award for their 90 acres that has been in the family since 1865 and an additional 80 acres that has been in the family since 1907. It had originally been homesteaded by his great-great-grandfather.
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>County</th>
<th>Phone Number</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-H Youth Specialist</strong></td>
<td>Becky Simpson</td>
<td>Daviess County</td>
<td>660-663-3232</td>
<td><a href="mailto:SimpsonRe@missouri.edu">SimpsonRe@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Agriculture Business Specialist</strong></td>
<td>Kevin Hansen</td>
<td>Livingston County</td>
<td>660-646-0811</td>
<td><a href="mailto:HansenK@missouri.edu">HansenK@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Agronomy Specialist</strong></td>
<td>Heather Benedict</td>
<td>Harrison County</td>
<td>660-425-6434</td>
<td><a href="mailto:BenedictH@missouri.edu">BenedictH@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Business Development Specialist</strong></td>
<td>Tom Kelso</td>
<td>Holt County</td>
<td>660-446-3724</td>
<td><a href="mailto:KelsoT@missouri.edu">KelsoT@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Community Development Specialist</strong></td>
<td>Jerry Baker</td>
<td>Atchison County</td>
<td>660-744-6231</td>
<td><a href="mailto:BakerJ@missouri.edu">BakerJ@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Family Financial Education Specialist</strong></td>
<td>Meridith Berry</td>
<td>Grundy County</td>
<td>660-359-4040</td>
<td><a href="mailto:BerryM@missouri.edu">BerryM@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Family Financial Education Specialist</strong></td>
<td>Rebecca Travnichek</td>
<td>Andrew County</td>
<td>816-324-3147</td>
<td><a href="mailto:TravnichekR@missouri.edu">TravnichekR@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Horticulture Specialist</strong></td>
<td>Timothy Baker</td>
<td>Daviess County</td>
<td>660-663-3232</td>
<td><a href="mailto:BakerT@missouri.edu">BakerT@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Housing and Environmental Design Specialist</strong></td>
<td>Connie Neal</td>
<td>Nodaway County</td>
<td>660-582-8101</td>
<td><a href="mailto:NealCA@missouri.edu">NealCA@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Human Development Specialist</strong></td>
<td>Jessica Trussell</td>
<td>Livingston County</td>
<td>660-646-0811</td>
<td><a href="mailto:TrussellJL@missouri.edu">TrussellJL@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Livestock Specialist</strong></td>
<td>Shawn Deering</td>
<td>Gentry County</td>
<td>660-726-5610</td>
<td><a href="mailto:DeeringS@missouri.edu">DeeringS@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Natural Resource Engineering Specialist</strong></td>
<td>James J.W. Crawford</td>
<td>Atchison County</td>
<td>660-744-6231</td>
<td><a href="mailto:CrawfordJ@missouri.edu">CrawfordJ@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Nutrition and Health Education Specialist</strong></td>
<td>Janet Hackert</td>
<td>Harrison County</td>
<td>660-425-6434</td>
<td><a href="mailto:HackertJ@missouri.edu">HackertJ@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Nutrition Program Associate</strong></td>
<td>Debbie Herrold</td>
<td>Harrison County</td>
<td>660-425-6434</td>
<td><a href="mailto:HerroldD@missouri.edu">HerroldD@missouri.edu</a></td>
</tr>
<tr>
<td><strong>Procurement Technical Assistance Center</strong></td>
<td>Clint Dougherty</td>
<td>Buchanan County</td>
<td>816-279-1691</td>
<td><a href="mailto:Doughertycb@missouri.edu">Doughertycb@missouri.edu</a></td>
</tr>
</tbody>
</table>

*Your one-stop source for practical education on almost anything.*
1505 Main St., Courthouse Basement
Bethany MO 64424-1967
PHONE: 660 425-6434
FAX: 660 425-6030 (call first)
harrisonco@missouri.edu
Website: http://extension.missouri.edu/harrison