# 2013 Programs of Distinction

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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

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

EQUAL OPPORTUNITY/ADA INSTITUTIONS
December 2013

Taney County Commission
Courthouse
Forsyth, MO 65653

Dear Commissioners:

The University of Missouri Extension council and staff would like to thank the Taney County commissioners for their support and funding for programs during this past year. The council and staff remain committed to improving people's lives by helping them meet the opportunities and challenges of the 21st century with research-based education and information.

County residents decide the direction of extension's educational programming. Current areas of emphasis in Taney County focus on families, youth development, environmental issues, business development, agriculture, gardening, consumer and family economics, nutrition education and human development issues.

University of Missouri Extension works as a partnership of the University of Missouri campuses, Lincoln University, the people of Missouri through county extension councils and the Cooperative State Research, Education and Extension Service of the U.S. Department of Agriculture. The mission of MU Extension is to "serve Missouri by extending the unbiased research-based knowledge and problem-solving resources of the University of Missouri and Lincoln University to focus on high-priority needs of people throughout the state." The University of Missouri and Lincoln University are Missouri's two land-grant universities, charged by federal acts of Congress to deliver extension programs.

Current programming efforts statewide focus on agricultural profitability and viability, building family and individual strengths, building human resources, business, community and economic development, enhancing health and nutrition, environmental quality and stewardship and youth development.

The contents of this report are a summary of the highlights of our educational efforts during the past year in Taney County. The Taney County MU Extension staff specialists are also assigned to cover and provide programming in their specific areas of expertise for the southwest region of Missouri. We hope that this report provides a greater understanding about University of Missouri Extension programming efforts in Taney County.

Submitted by,

Adam Kimrey
Extension Council Secretary

Ronnie Melton
County Council Chair

Chrystal Irons
Program Director

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

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### Agriculture
- Livestock and Forage Programs
- Pesticide Applicator Training

<table>
<thead>
<tr>
<th>Number of Taney County Residents Served</th>
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<tr>
<td>44 Taney County farmers attended the Alfalfa in the Ozarks program at Brown Branch on the Rob Dalton farm</td>
<td>Two hours of instruction was provided for participants for a total of 88 hours of collective workshop participation</td>
<td>The event was designed to create discussion and provide a new interest in raising the high value forage of alfalfa again in Taney County. Topics included: • Pros and cons of alfalfa • Supplementing the beef cow diet • Economics of building a hay barn • Alfalfa weed control demonstration</td>
<td>Participants were better equipped to determine if alfalfa would be a viable hay source for their livestock operation. Participants were informed so that they could determine if a hay barn was economically feasible for them. Participants determined if Velpar herbicide is an appropriate product for plantain weed control in alfalfa fields.</td>
<td>Farm producers have no other research-based information sources to turn to when seeking information that will help them provide safe and affordable beef for the marketplace, in a way that is sustainable for their farm operations. This program addressed a need regarding how best to feed livestock for maximum performance and economic viability.</td>
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<td>80 Taney County full- and part-time beef producers attended the annual Livestock and Forage Conference at Forsyth</td>
<td>Two hours of instruction was provided for a total of 160 hours of collective meeting participation</td>
<td>This annual event focused this year on the following topics: • Management concerns for cattlemen in 2013 • Feral hog concerns for Taney County • Rebuilding the forage base</td>
<td>Participants were better equipped to make informed decisions regarding how to reestablish forages on drought damaged pastures and hay fields, how to monitor their property for signs of feral hog damage; and how to reduce their population. Producers were also given a glimpse into the economic future of their industry. The topics were selected by a committee of local producers who requested speakers who could address issues affecting them directly. The evaluations showed there was an increase in learning which averaged 54% among presentations.</td>
<td>Taney County farm producers are an economic generator for the local economy. When they suffer economically, their farm product suppliers (feed and fertilizer dealers, hardware stores, fuel suppliers, seed dealers, etc) also suffer. Their economic situation can tie directly to food costs in grocery stores. This program addressed ways this sector in the county economy can remain viable.</td>
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**AGRICULTURE**
- **LIVESTOCK AND FORAGE PROGRAMS**
- **PESTICIDE APPLICATOR TRAINING**

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| 25 farm producers participated in safety training pertaining to pesticide use in Taney County | A three-hour class is offered for all participants, resulting in 75 hours of collective meeting instruction | Participants were given safety training in the areas of:  
- Pests and pesticides  
- Personal protection equipment  
- Environmental safety  
- Understanding a pesticide label  
- Calibration and nozzle selection  
- Container management  
- Drift prevention | Farmers who attend these trainings come away better informed of the dangers and precautions necessary when using pesticides. Evaluation tools have indicated they have increased their awareness and changed their handling and application strategies following the program. Several have decided to turn pesticide applications over to commercial applicators. | Considering Taney County’s valuable natural resources, pesticide applications can be safely done when applicators have been properly trained and follow label requirements. Pesticides can be an important part of food production in the county. Those that use them are trained regularly. The applicators that purchase Restricted-Use pesticides are trained every five years. |
| 114 attended the Fall Cattlemen’s Tour sponsored by Branson Bank | Two hours of instruction on the Rick Burkhart farm near Taneyville resulting in 228 hours of collective meeting instruction | Participants learned about crossbreeding techniques, artificial insemination of heifers and weed and brush control techniques. A spray demonstration using product provided by Dow Chemical Company allowed for a review of a new herbicide on an old weed problem. | Participants were better equipped to improve cow herd genetics using crossbreeding techniques and artificial breeding practices. Artificial insemination brings nationally known genetics to small beef herds in the Ozarks without a great expense. Participants can now determine if a new herbicide would be useful for weed control on their own farms. | A thriving and growing agriculture sector in Taney County creates a diverse economy for the county. Beef production in the county not only feeds the world but creates jobs and economic growth. Educational efforts by MU Extension brings the classroom to the farms and creates a learning environment that improves the economy, preserves natural resources and sustains quality of life in the county. |
| Homeowners, city water departments, farmers and gardeners | 107 soil fertility tests processed for farms, gardens, lawns and fields | Contents of nutrients in their soil and the proper fertilizer application levels | Unbiased, reliable fertility testing and research based information | With the increased prices of fertilizer today, farmers and gardeners continue to need information based on unbiased fertility testing and research provided by the University of Missouri Extension. |
2013 Agriculture Programs

A great turnout at the Livestock and Forage Conference at the Forsyth High School in February.

Gordon Carriker, Ag Business Specialist, addresses the crowd at the Alfalfa in the Ozarks tour at Brown Branch in April. There were 44 that participated that evening.

Farmers being trained on pesticide application safety at the Private Applicator Training at Taneyville in March.

Rick Burkhart addresses a crowd of 114 people who assembled on his farm near Taneyville in September. Rick discussed his beef cow breeding program with participants.

2013 Taney County Farm Family

Jason and Carmen Davidson reside in southeastern Taney County in Protem, Missouri. Jason is a life-long resident of Protem and has been involved in farming for most of his life. His wife, Carmen, is originally from Pierre Part, Louisiana. The couple was married in 1998. Prior to their first land purchase in 2003, the couple farmed rental properties. They now farm a 450 acre beef-cattle operation, besides leasing 180 acres around Big Creek for hay from the Corps of Engineers.

Jason is employed by Taney county Road and Bridge, and has been there for 18 years. His wife, Carmen, has been a salon owner/operator for 9 years. Together they also operate a herbicide distribution business selling agricultural chemicals to farmers covering 4 counties in Southwest Missouri.

The Davidson’s have 3 children, Quinten 17, Chase 14, and Ashton 13, who all take part in the family farm business.

The Taney County Extension Council and Taney County Farm Bureau were proud to sponsor the Davidson’s as our county’s representatives at the 2013 Missouri State Fair Farm Family Day.
Participants and clients:
- Created business plans to obtain financing and use as a strategic planning tool to operate and expand their businesses
- Chose the appropriate organizational structure for their business
- Took steps to increase creditworthiness by paying off debts and creating a budget
- Adhered to government regulations when starting their business such as registering for a fictitious name, filing proper forms and applying for required licenses and permits
- Developed a social media strategy and began actively increasing word of mouth by reaching out to customers
- Implemented accounting software such as QuickBooks to help them monitor their financial performance
- Began analyzing their financial statements to access performance
- Clients in Taney County:
  - Started 5 new businesses
    - Created 22 new jobs and retained 66 jobs
    - Experienced sales increases of over $5,389,000
    - Obtained loans and investments of $6,338,544
    - Acquired $8,300 in government contracts

Entrepreneurs, business owners and managers who participate in educational workshops build a strong foundation in business knowledge. Those who undergo the process of continuous education learn more about their own business and gain a better understanding of the market in which they operate. This allows businesses to strategize their growth, seize opportunities, as well as identify and avoid possible threats. Businesses are able to plan for success. Successful businesses promote growth and stability in the local and state economy.

As entrepreneurs and innovators, Missouri’s small businesses are becoming a more diverse group that continues to make the state’s economy productive. In assisting the owners and managers of those businesses, MU Extension contributes to a county’s economic development through growth in jobs, sales, innovation, technology development and commercialization.

When you support MU Extension’s Business Development Program, enterprising Missourians receive information and training to successfully start, run and expand businesses. This increased business activity creates jobs, increases consumer demand, promotes economic development and generates tax revenue for the public’s welfare.
**Significant Achievements in Taney County:**

The University of Missouri Extension, Taney County Small Business and Technology Development Center partnered with the Branson Chamber of Commerce and the Taney County Business Development Partnership to organize 2013 SBA Small Business Week in Taney County. Through this week long event, four small business workshops were offered which included: Sources of Finance for Small Business; Customer Service Superhero; Using Social Media to Enhance Your Business and Listening to Your Business. These workshops brought speakers in from across the state in collaboration with the US Small Business Administration, US Department of Agriculture and Missouri Department of Economic Development. Local businesses also participated in this weeklong event including Branson Bank, Liberty Bank, Ozark Mountain Bank and White River Business Specialists. A networking event wrapped up the week featuring a local small business success, Copper Run Distillery. Small Business Week was a great example of local businesses, organizations and government entities coming together to support and celebrate entrepreneurship and the economic impact small businesses bring to our local communities.
### Family Financial Education

**Education Plus Action Solutions for Family Financial Success**

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<td>262 Taney County participants including:</td>
<td>786 hours of collective learning by Taney County residents</td>
<td>Evaluation of the various workshops show participants learn:</td>
<td>One hundred percent of the participants had written financial goals by the conclusion of their work.</td>
<td>When you support MU Extension’s:</td>
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<td>• Church Army clients</td>
<td></td>
<td>• How to protect themselves against scams or fraud and more about their credit report</td>
<td>Participants reduce their financial stress and take positive actions like:</td>
<td>• Making Money Count program, participants learn to increase their control over their personal finances, which leads to better financial and physical health, which benefits other community members by lowering costs for public assistance programs and reducing debt discharged in bankruptcy.</td>
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<td>• Taney County Ozarks Area Community Action Corporation clients</td>
<td></td>
<td>• How to figure monthly income and track fixed, flexible and periodic expenses</td>
<td>• Obtaining a copy of their credit report</td>
<td>• When Creditors are Predators (Predatory Lending) program, participants learn how predatory loans work and what they cost, which leads to reduced stress from debt collectors and reduced cost of credit for low-income families, which benefits other community members by reducing the growth of predatory lending in rural Missouri and helping families get and stay current on debt payments, creating fuel for the economy.</td>
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<td>• Probation and paroled citizens</td>
<td></td>
<td>• How to create a budget based on income and expenses they had tracked</td>
<td>• Keeping records of credit use</td>
<td>• Family Financial Education Programs, participants spend and borrow responsibly, save more and gain control over their financial health. These behaviors benefit other community members by reducing predatory lending and reliance on public assistance programs, reducing theft and lowering banking fees.</td>
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<tr>
<td>• Drug court participants</td>
<td></td>
<td>• The only website where you can get a free credit report is annualcreditreport.com</td>
<td>• Paying credit card bills on time and making more than the minimum payment</td>
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## MoTax Initiative – VITA (Volunteer Income Tax Assistance)

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<td>886 Taney County taxpayers that include:</td>
<td>480 hours of collective learning by Taney County residents</td>
<td>Evaluation shows participants learn:</td>
<td>• Purchased necessities, thus spending and recirculating money in Taney County</td>
<td>• When you support MU Extension’s MoTax Initiative program. Participants save an average of $200 (currently) in tax preparation fees per year, avoid high-cost refund anticipation loans, and learn basic financial management strategies which leads to increased cash flow and reduced family debt, which benefits other community members by reducing demand for public assistance, stabilizing the county tax base and stimulating the economy, beginning in the taxpayer’s community, through federal and state tax refund dollars and dollars from tax credits.</td>
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<td>• Low to moderate income working families</td>
<td>10 VITA volunteers provided 738 hours to the project in Taney county (a value of $13,703)</td>
<td>• What credits they are eligible for</td>
<td>• Paid bills</td>
<td>• As a result of this program, taxpayers in Taney county received $585,559 in federal refunds including $254,360 in Earned Income Credits.</td>
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<td>• Students</td>
<td></td>
<td>• How to determine the amount they should have withheld from their income sources</td>
<td>• Reduced or paid off debt</td>
<td>• VITA volunteers prepared 2,197 federal and state tax returns for taxpayers in Stone, Taney and Christian Counties. Families received $867,067 in Federal Income Tax refunds including $372,048 in EIC and $277,184 in state refunds. In addition, the taxpayers saved $161,304 in tax preparation fees. The economic impact of the VITA programs to the economies of Stone and Taney counties is estimated at $2,860,627.</td>
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<td>• Senior citizens</td>
<td></td>
<td>• About finances from using the VITA program (Volunteers go over financial handouts clients are given on credit reports, predatory lending, budgeting, saving and more.)</td>
<td>• Established or increased emergency savings</td>
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<td>• Single parent households</td>
<td></td>
<td>• About tax planning, options and future deduction possibilities</td>
<td>• Repaired or replaced the vehicles</td>
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<td>A total of 1,826 Taney County residents including: 21 programs for 912 attendees in recovering addict programs</td>
<td>3,652 hours of collective learning</td>
<td>How to understand and accept life changes and challenges  Life Skill programs presented for Communities of Recovery in Branson  - Communicating effectively  - Conflict Management  - Setting goals  - Spectrum temperament management  - Stress and balance  - Successful principles for life and work  - Transformational personal change</td>
<td>Increased awareness of personal changes  These programs increase personal, interpersonal and social competencies so that participants can maintain sobriety and be a contributing member of society.</td>
<td>Increased knowledge and tools to improve their quality of life and that of those around them.  Participants in this type of educational programming learn how to create and maintain healthy relationships and become more effective in their life endeavors.</td>
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8 programs for 209 attendees in Child Care Provider Training

Building Better Child Care series:
- "Sexuality & Children: What is Normal"
- Understanding age appropriate sexual behavior of children and how children process trauma and sexual abuse.
- "Meth + Children = Danger"
- Understanding meth production and its effects on children and society
- "Science for Young Thinkers"
- Explore ways to offer children daily science exploration
- "Art Appreciation for Young Children"
- Talking with children about art and appreciating it.
- "Sparking Kids Curiosity"
- Using materials to inspire children's curiosity and thinking
- "What does Time mean to Children"

These classes provide center and home-based child care providers with useful resources and ideas to help them improve their childcare facilities. These classes also fulfill the state-mandated requirements for providers working in a licensed facility.

When you support University of Missouri Extension's Childcare Provider training program, participants will increase the knowledge and skills with working with children of different ages and stages of development in multiple competency areas, which leads to increased access to safe, healthy and nurturing environments for the community's children and family. Communities benefit when young children are well cared for, reducing the risk of child abuse and neglect.

Jim Wirth, Ph.D  
Human Development Specialist
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<td>13 programs for 173 seniors and retirees</td>
<td>Senior enrichment on many topics:</td>
<td>These programs increased the quality of life for seniors by offering information, resiliency strategies and enjoyment.</td>
<td>Human development education has the potential to provide residents with the knowledge and tools to improve their quality of life and that of those around them.</td>
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<td>10 sessions for 142 community attendees including Latinos and service workers</td>
<td>Recent trends and issues in integrating immigrants and communities</td>
<td>These programs help both newcomers and host communities in adjustments</td>
<td>These programs help citizens implement inclusionary processes in society</td>
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<tr>
<td>13 classes for 280 participants in relationship education and family programs</td>
<td>Marriage and relationship enhancement programs</td>
<td>These programs increase the quality relations in marriage and parenting through effective information and communication skills.</td>
<td>Participants in this type of educational programming learn how to create and maintain healthy relationships and become more effective in their life endeavors.</td>
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<td>6 programs for 110 participants from local community groups</td>
<td>Community/social issues:</td>
<td>These programs increased awareness of the current economic. They also received private and public resources to help meet the needs of poverty.</td>
<td>Future generations continue to benefit because of improved family and partner relationships.</td>
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Childcare providers in an “Obesity Prevention” program presented by Dr. Jim Wirth which was part of a four session “Building Better Child Care” series presented for local child care providers to help them complete their annual state-mandated requirements for providers working in a licensed facility.
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<tr>
<td>41 Taney County seniors participated in one or more Stay Strong, Stay Healthy classes offered during 2013</td>
<td>492 hours spent learning about proper exercise techniques Ten week strength training program for older adults</td>
<td>Participants increased their awareness/knowledge of the benefits of strength training. Participants improved their strength, flexibility, and balance. Participants improved their attitude about strength training and physical activity.</td>
<td>Participants increased their participation in aerobic physical activity. Participants increased their participation in strength training, balance activities, and flexibility and stretching activities. Participants improved their ability to complete activities of daily living (ADLs). Participants completed physical activity at home, outside of a class environment.</td>
<td>When you support MU Extension’s Stay Strong, Stay Healthy program, participants will increase their physical activity and may improve strength, balance and flexibility, resulting in reduced risk for falls, better overall health and greater independence. These health benefits decrease the likelihood of a participant entering a nursing home, which costs on average $24,455 per year in Missouri. The money saved benefits the community by keeping more discretionary income in circulation locally. It also keeps people actively, independently contributing to society longer.</td>
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<tr>
<td>60 Taney County seniors participated in Matter of Balance classes offered in Forsyth</td>
<td>600 hours spent learning about how to reduce the fall risks by increasing strength and balance</td>
<td>Participants learned to: • View falls and fear of falling as controllable • Set realistic goals for increasing activity • Change their environment to reduce fall risks • Do simple exercises to increase strength and balance</td>
<td>Participants in this program increased their bone mass and decreased their risk for osteoporosis. Participants also decreased their risk of falls and frailty. Participants experience a decrease in medical costs and hospital visits by participation in this program. Participants learn to make safety changes in their homes to help reduce the chance of falls.</td>
<td>When you support University of Missouri’s Matter of Balance program, you help seniors reduce their risk of falling and increase the likelihood of them being able to remain in their own homes. This benefits the community by: • allowing more members of the community to live independent lives in their own homes, work, shop and contribute to community life. • reducing the burden on the local health care system. Since the program decreases the likelihood of entering a nursing home. Nursing home care currently costs over $70,000 per year per patient. • providing more discretionary income within the community.</td>
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## Nutrition Education Programs
### Reaching youth & Adults with Nutrition Education

<table>
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<tr>
<th>Number of Taney County Residents Served</th>
<th>School Districts and Agencies Served In 2013</th>
<th>What Did They Learn?</th>
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| 2,096 Taney County youth and 15,686 adults were served through schools, community groups and agencies | Programming was provided for the following Taney County schools and organizations:  
• Bradleyville Elementary  
• Bradleyville High School  
• Branson Primary  
• Branson Head Start  
• Branson PAT  
• Branson West Elementary  
• Branson Intermediate  
• Forsyth Elementary  
• Hollister Elementary  
• Taneyville Elementary  
• SWMOA – Forsyth Senior Center  
• Salvation Army – Branson Pantry  
• Christian Action Ministries – Forsyth  
• Frances Rittenhouse Learning Center  
• Kissee Mills Head Start  
• Jesus was Homeless  
• Country Mart Stores, Forsyth and Branson locations | Nutrition education for youth provided information in kid-friendly terms and lessons with hands-on activities. Activities include opportunities for taste-testing healthy foods, physical activity and practicing skills that lead to good health.  
Education for adults included nutrition, food safety, physical activity and food resource management. | Youth who participated in the program showed significant improvement in the following areas:  
• 91% are more aware of Nutrition  
• 68% make healthier meal and/or 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% increased physical activity | University of Missouri Extension’s Family Nutrition Program (FNP) provided $8,951,000 in federal funds into the state of Missouri. These funds were used to provide nutrition education to 433,152 limited resource families in Missouri. 17,782 of these participants reside in Taney County. It also funds one full-time job with quality benefits plus expenses for making the programming available to qualified schools and agencies.  
Participants in the Family Nutrition Program become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase both their physical activity and make healthier food choices. Those who practice healthy eating and physical activity are more likely to enjoy a high quality of life as adults and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. This important programming reduces health care costs over the participant’s lifetime, saving taxpayers money in reduced public health care benefits and insurance premiums. |
### 4-H Youth Development Education
Education Plus Action Solutions for Business Development

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<td>63 traditional 4-H club youth members in Taney County</td>
<td></td>
<td>Club members have the opportunity to learn a number of life skills including: decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from aerospace and arts to veterinary science and sport fishing. Clubs also involve children and teens in community service, camping, and educational trips.</td>
<td>4H participants report that they are more involved in their schools and communities as a result of their involvement in 4-H. Due in large part to the experiences 4-H members have, they have the self-confidence to step forward and assume leadership roles during their school years and beyond.</td>
<td>Missouri 4-H members are twice likely to have visited a college campus compared to non-4-H peers. The University of Missouri campus is by far the most frequently visited campus by 4-H members. These students are more likely to go to college and enjoy: • Increased financial success • Are better consumers • Improved quality of life through more opportunities for leisure and hobbies. • Improved health for themselves and their children • Are more likely to vote • Are more likely to contribute to their community</td>
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<td>34 adult volunteers supporting clubs and 4-H activities</td>
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In 2013 there were two active 4H clubs in Taney County: Taney County Achievers 4H and Taney County Trail Blazers. A countywide shooting sports program gained momentum with seven certified volunteer instructors and 25 youth members. Four members competed in regional and state level shooting competitions. The shooting shorts project received a grant from the National Rifle Association for over $6,000 in rifles, targets and archery equipment. The clubs were very active in the community providing volunteer services to establishments such as Taney Hills Community Library. Also, for the first time in over 15 years 4H had a large presence at the county fair. Taney County Achievers 4H hosted the first Youth Fair and Livestock Show; this event included over 20 youth competitors proudly showing their animals and demonstrating the knowledge they gained through 4H programming.
Taney County Extension council and our 4-H clubs would like to issue a special thanks to our sponsors!
Gardening has become an important activity of many Southwest Missourians. Gardening is an excellent way to beautify our landscape and provide a healthy activity for the homeowner. It also is a huge industry in our region and impacts water quality. To help address the general horticulture and gardening needs of the public, a thriving Master Gardener program is present in Stone and Taney Counties. Master Gardeners are University of Missouri trained volunteers who assist with organized horticulture education programs for the gardening public. As of December 31, there were 105 active Master Gardeners in the Master Gardeners of the Ozarks chapter. Of these there are 63 who reside in Stone County, 38 residing in Taney County, three in Barry County and one who resides in Boone County, Arkansas.

**Impact in 2013**

**Master Gardener Total Impact**
The Master Gardeners of the Ozarks continues to grow in number and expand in the variety of projects that are done each year. A total of 4,544 hours were reported in 2013 by sixty-four Master Gardeners who served the entire year and reported. They reported making 14,232 contacts with persons in the community in 2013. The first-year Master Gardeners are required to provide 30 hours of service and seasoned Master Gardeners are only required to provide 20 hours. This year the Master Gardeners each averaged 80 hours of service. According to the latest figures from the Independent Sector organization, the hourly wage for Missouri volunteer hours currently is $18.80. If you put a value on the education and service hours provided to the community, the value totals $85,400 worth of volunteer time! Tim Schnakenberg served as advisor for the Master Gardener activities in this area.

**Organization and Structure**
The Master Gardeners were lead this year by Mike Flinn, President, Jim Enyart, Vice-President, Colleen Walpert, Secretary, and Bill Greet, Treasurer. The Master Gardeners met monthly, alternating between locations in Stone and Taney County and the executive committee met frequently between meetings. A special committee was organized in 2013, headed by David Smith, to provide $1,400 in competitive grant funds for Master Gardener projects. As a result funds were distributed in early 2013 that provided a boost to three projects within the organization. New for 2013 was a long-range planning committee headed by Bill Walley. This committee helped to provide direction and ideas for the program.

**Master Gardener Radio Show on KRZK**
KRZK Radio in Branson hosted a new Master Gardener radio show each Saturday morning. The show features a gardening topic presented by two different Master Gardeners each week and is hosted by Josh Grisham.
Master Gardener Training in Branson West for 2013
A Master Gardener training was offered in Branson West. There was 30 hours of instruction provided for sixteen participants. A graduation ceremony was conducted at the December Master Gardener holiday meeting in Kimberling City.

Monthly Educational Events Offered in 2013
Two events are offered each month of the growing season in Taney and Stone Counties for the gardening public. The program at the Kimberling Area Library in Kimberling City has been going on for several years. It is coordinated by Kathryn Kufahl. This year a Brown Bag Lunch program was offered at the Taney County Extension Center in Forsyth. This program is coordinated by a dedicated team of volunteers in Taney County. Attendance has been great at both events.

Gardening Workshops Bring in Large Crowds
The gardening public continues to turn to the Spring and Fall Gardening Workshops for reliable advice on gardening in the Ozarks. Large crowds came out in Branson in March and Kimberling City in October.

Tour Featured Gardens of Five Oaks Farms
Master Gardeners offered their fifth garden tour in May at Five Oaks Farm near Forsyth. Chaired by Carla Springer, this tour was the largest tour so far with 250 people attending. As a result of this effort, a great amount of education took place for each participant and over $3,800 was raised for future scholarships.

Beautification is a Key for Several Master Gardener Projects
Some of the ongoing projects that made a significant impact in local communities included Stonebridge Heritage Garden landscaping, Table Rock Project Office landscaping, Shell Knob Senior Center landscaping, Kimberling Area Library Children's Garden, Stone County courthouse landscaping and the Stone County Library landscaping.

Master Gardener Scholarship Offered to College Student
Education is the primary function of Master Gardeners and many proceeds from educational events go toward scholarships for college students majoring in horticulture or a similar field. Elaine Fischer coordinated this effort. For 2013 the recipient was Micah Kuenzle, Micah is a junior horticulture major at College of the Ozarks who is from Galena.
Impact on Taney County, Missouri

The County at a Glance

- UM Students: 115
- UM Alumni: 455
- UM Employees: 9
- Population: 50,631
- UM Salary & Retirement Income: $262,193
- UM State Tax Revenue: $6,614
- UM Federal Tax Revenue: $20,748

UM Students from the County in 2013
- 115 students
  - 71 - MU
  - 16 - UMKC
  - 23 - Missouri S&T
  - 5 - UMSL
  - 90 - Undergraduates
  - 25 - Graduates
  - 95 - Full-time students
  - 20 - Part-time students

UM Alumni Residing in the County in 2013
- 455 alumni
  - 290 - MU
  - 80 - UMKC
  - 47 - Missouri S&T
  - 38 - UMSL
  - 195 Selected School Alumni
    - 25 - Medicine
    - 15 - Nursing
    - 7 - Health Professions
    - 11 - Dentistry
    - 13 - Pharmacy
    - 3 - Optometry
    - 8 - Veterinary Medicine
    - 38 - Agriculture
    - 53 - Engineering
    - 22 - Law

UM Services Received in the County in 2013
- 572 patients seen at UM Health Care, with $118,366 of uncompensated care.
- 12 patients seen at UMKC School of Dentistry with an average of $26 per patient in uncompensated care.
- 18,560 contacts with MU Extension through MU Extension events held in district counties.

UM Construction Projects involving Vendors located in the County in 2013
- 2 vendor involved with 2, for $214 thousand

UM Employees and Retirees Residing in the County in 2013
- 9 people employed by UM
  - 8 - MU
  - 1 – UMK
- 13 UM Retirees and Beneficiaries

UM Alumni Teaching K-12 in the County in 2013
- 14 teachers
  - 3% of all county teachers
  - 3 principals and administrators
  - 9% of all county principals and administrators

MU Continuing Education Enrollments for Taney County in 2012-2013
- MU Extension Fire & Rescue Training Institute – 264
- MU Extension Law Enforcement Training Institute – 4
- Missouri Training Institute - 6
- MU Conference Office – 99
- Continuing Medical Education – 1
- Nursing Outreach Activities - 2
Impact on Taney County, Missouri

UM Research Expenditures Funded by Federal and Private Sources
➢ Between FY2007 and FY2012 UM brought in more than $1.1 billion in federal and private research funds

Economic Development Highlights
➢ With $3.0 billion in total revenues, UM would have been the 16th largest publicly held Missouri-headquartered company in the state in 2013
➢ With more than 31,000 employees in the state, UM was Missouri’s 2nd largest employer in 2012
➢ In 2011, UM’s $173.5 million in federal research expenditures represented 93% of these expenditures at Missouri public universities
➢ In 2013, UM’s $23.2 million in National Science Foundation (NSF) awards represented 89.3% of all NSF awards made to Missouri public universities. UM earned $7.8 million in licensing income in 2013.
➢ UM received 160 new invention disclosures in 2013.
➢ 4 startups were created around UM technologies in 2013.
➢ UM was issued 37 U.S. patents and filed 90 new U.S. patent applications in 2013.

Electronic Services to the State in 2013
➢ Missouri Research & Education Network (MOREnet) provided internet connectivity and technical services to members that include:
  ➢ 63 higher education institution with more than 293,000 students
   ➢ 500 K-12 schools with 865,700 students and 82,700 faculty.
   ➢ 134 public libraries connecting 339 library buildings that serve 5.4 million Missourians.
➢ MOREnet returned $14 million in telecommunications expenditures to companies doing business in Missouri.

Financial Aid Provided to UM Students in 2013
➢ 876.3 million
   ➢ $441.0 million – MU
   ➢ $200.8 million – UMKC
   ➢ $97.5 million – Missouri S&T
   ➢ $137.0 million – UMSL

Impact on Education
➢ Um enrolled 46% of first-time undergraduates attending four-year public institutions in 2012
➢ UM awarded 49% of the 1,130 doctoral degrees earned in Missouri in 2011
➢ UM awarded 42% of the 1,937 first professional degrees awarded in Missouri in 2011.
➢ UM awarded 54% of the 28,798 bachelor’s or higher degrees awarded by Missouri’s four-year public institutions in 2011.

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 the University of Missouri Extension.

Prepared in December 2013, based on available data. Data sources include: Missouri Office of Administration • UM IRP • Office of Social and Economic Data Analysis (OSEDA) • Center of Applied Research and Environmental Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Census Bureau • US Department of Health and Human Services • National Science Foundations
## Taney County Extension Leadership

**Plus an Army of Volunteers**

New 2013 council members being sworn in at annual dinner meeting by Brenda Stallcup, Taney deputy county clerk.

<table>
<thead>
<tr>
<th>Taney County Extension Council Member (An Elected Council)</th>
<th>Taney County Commissioners</th>
<th>Extension Faculty and Staff based in Taney County</th>
<th>Additional Faculty and Staff Serving Taney County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ronnie Melton, chair</td>
<td>Ronald Houseman</td>
<td>Chrystal Irons</td>
<td>Jay Chism</td>
</tr>
<tr>
<td>Farm Bureau Representative</td>
<td>Presiding Commissioner</td>
<td>Business Development Specialist</td>
<td>Interim Regional Director</td>
</tr>
<tr>
<td>Waunetta Howard, vice-chair</td>
<td>Danny Strahan</td>
<td>Barbara Beck</td>
<td>Jeff Barber, Housing and Environmental Design Specialist</td>
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<tr>
<td>Adam Kimrey, secretary</td>
<td>Eastern District Commissioner</td>
<td>Nutrition Program Associate</td>
<td>David Burton</td>
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<tr>
<td>Webb Edwards, treasurer</td>
<td>Brandon Williams</td>
<td>Nellie Lamers</td>
<td>Civic Communication Specialist</td>
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<td>Leroy Adams</td>
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<td>Jim Wirth, Ph. D</td>
<td>Patrick Byers</td>
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<td>Susan Bearden</td>
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<td>Human Development Specialist</td>
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<td>Dan Boone</td>
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<td>Dr. Gordon Carriker</td>
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<td>Donna Lynn Craft</td>
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<td>Peggy Hartley</td>
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<td>Karla Deaver</td>
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<td>Jeff Holder</td>
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<td>Dr. Pam Duitsman</td>
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<td><em>Taney County Commission Rep.</em></td>
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<td>Logan Wallace</td>
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<td></td>
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<td>Livestock Specialist</td>
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State, Federal and County Funding for Extension

University of Missouri Extension programs in Taney County are funded by Taney County, state and federal appropriations. Local funding for support of the Taney County Extension Center is provided by the Taney County Commission. They provide office space, funds for office expenses, clerical salaries and travel expenses of extension specialists who conduct educational programs in Taney County.

University of Missouri's Contribution to County Extension

University of Missouri provides salaries and benefits for three professional and one para-professional staff members headquartered in Taney County.

The University provides in-service training expenses, including travel and lodging for staff, salaries, annual leave, retirement and medical benefits and matching funds for computer equipment costs and maintenance.

RESTRICTED / FUNDS ACCOUNT BALANCES

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<th>Account</th>
<th>Amount</th>
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<td>Resale</td>
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<td>Soil Testing/Plant ID/Insect ID</td>
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Financial Statement

REVENUE

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<th>Source</th>
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EXPENSES

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CLOSING BALANCE $49,628.84