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December 2012

Dear County Commissioners and Associated Friends of MU Extension:

At MU Extension, we know that citizens want their taxpayer-supported institutions to be responsive to their needs. Our distinct land-grant mission is to provide relevant, reliable and responsive education that improves Missourians’ lives, communities and the economy. We fulfill that mission by providing access to many research-based resources of the University of Missouri, in partnership with local and statewide organizations and groups.

Funded through the support of federal, state and county government; grants and contracts; fees for services; and private gifts, MU Extension leverages every dollar received to create expanded educational opportunities. Every dollar appropriated from county government is leveraged with $6 to create a significant return on investment.

MU Extension creates value for citizens – including those who do not participate directly in its programs. For example:

- The MU Extension Fire and Rescue Training Institute teaches volunteer and career firefighters how to handle or mitigate fires and disasters, resulting in safer firefighters, citizens and communities. In FY2012, MU FRTI trained 17,096 fire and emergency service personnel through 217,000 instructional hours of training. Enrollees were from all of Missouri’s 114 counties.

- This summer’s severe drought put MU Extension faculty in an active leadership role in helping Missourians deal with the crisis. MU Extension developed educational materials and programs and provided technical assistance for homeowners, businesses and the agricultural community. Social media, including Facebook, YouTube and websites, were used to inform citizens on such topics as animal nutrition, including nitrate poisoning; heat-related disabilities; government programs; wildfires; and more. Extension faculty also worked with Soil and Water Conservation Districts to implement drought cost-share practices, which allowed more than 11,000 landowners to apply for state assistance to access adequate water supplies for livestock and crop production.

These are just two examples of MU Extension’s public value impact. I’m sure you will find many other examples in your local community.

I want to thank you for your support of MU Extension as a critical team player in your locale. Your ideas for improving our partnership are always welcome.

Sincerely,

Michael D. Ouart
Vice Provost and Director
December 2012

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.

We would also like to take this opportunity to thank the Taney County Commissioners, the County maintenance department and members of the road and bridge department for the renovations on our office. It is greatly appreciated.

Submitted by,

Adam Kimrey
Extension Council Secretary

Cinda Bauer
County Council Chair

Chrystal Irons
Program Director

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

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

#### LIVESTOCK AND FORAGE PROGRAMS

#### PESTICIDE APPLICATOR TRAINING

<table>
<thead>
<tr>
<th>Number of Taney County Residents Served</th>
<th>Total Hours of Collective Workshop Participation in 2012</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Taney County and Missouri Better?</th>
</tr>
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</table>
| 110 Taney County farmers attended the Drought Survival Program at Taneyville | Three hours of instruction was provided for participants for a total of 330 hours of collective workshop participation. | The event was designed to create discussion and provide options regarding the following issues that were brought on by this year's drought:  
- Precautions with nitrates and prussic acid toxicities when feeding drought-damaged pasture and hay  
- Fall forage alternatives  
- Forage stand renovation  
- Using annual ryegrass  
- Stretching hay supplies  
- Ammonization of low quality hay | Participants were better equipped to address drought issues on their own farms. Many calls were received from farmers in the Extension Center asking questions related to these issues. This event provided an opportunity to have discussion with a large number of people. | 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 an immediate need related to at least two years in a row of dry weather. |

68 Taney County full- and part-time beef producers attended the annual Livestock and Forage Conference at Point Lookout

Two hours of instruction was provided for a total of 136 hours of collective meeting participation.

This year's annual event focused on the following topics:  
- Improving calf marketing skills  
- Trichomoniasis – How it impacts your herd  
- Cow breed-back issues  
- Overcoming stand loss in pastures

Participants were better equipped to make informed decisions regarding improved management of their beef herd. The topics were selected by a committee of local producers who requested speakers who could address issues that were affecting them directly. 97% reported that the program helped to make their operation more profitable.

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.

A great turnout at the Livestock and Forage Conference at the College of the Ozarks campus in March.

Eldon Cole, Livestock Specialist, addresses the crowd at the Drought Survival Tour in September. There were 110 that participated that evening.

A great turnout at the Livestock and Forage Conference at the College of the Ozarks campus in March.

Eldon Cole
Livestock Specialist

Tim Schnakenberg
Agronomy Specialist
### AGRICULTURE

#### LIVESTOCK AND FORAGE PROGRAMS

#### PESTICIDE APPLICATOR TRAINING

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</table>
| 28 farm producers participated in safety training pertaining to pesticide use in Taney County. | A three-hour class is offered for all participants resulting in 84 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 about the dangers and precautions necessary when using pesticides. Evaluation tools indicate participants have increased awareness and have taken steps toward changing 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 done safely when applicators have been properly trained and follow label requirements. Pesticides can be an important part of food production in the county. People who use pesticides should be trained regularly. The applicators who purchase Restricted-Use pesticides are trained every five years. |

Homeowners, City Water Departments, farmers, gardeners.

110 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.
**Business Development Education**

Education Plus Action Solutions for Business Development

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<tr>
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| 88 Taney County participants engaged in business training. | Over 148 hours were dedicated to providing one-on-one counseling with business clients | Evaluation of the various workshops shows that participants learn:  
- The key components to a business plan  
- To understand the importance of a business plan  
- How to analyze market potential  
- To understand, develop and evaluate their business concept  
- Forms of business organization and legal requirements  
- To identify sources of financing and determine creditworthiness  
- How to start a business in Missouri by identifying government agencies and regulatory requirements  
- To identify common obstacles with starting a business  
- The importance of incorporating social media into a marketing strategy  
- To identify social media outlets  
- How to create and maintain social media sites and strategies  
- The importance of maintaining accurate financial records  
- How to implement an accounting system  
- How to utilize financial information to make financial decisions  
- Key human resource issues for small business and legal requirements | Participants and clients created business plans for their organizations to use as strategic plans and to obtain financing to begin and/or expand their business  
- Chose the appropriate and most beneficial 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 statement quarterly to access performance and make necessary adjustments to spending  
- Clients in Taney County:  
  - Started 2 new businesses  
  - Created 6 new jobs and retained 45 jobs  
  - Experienced sales increases of over $3,442,360  
  - Obtained loans and investments of $960,000  
  - Acquired $9,398 in government aid | 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. |

Additional area residents were reached through radio and television presentations in Taney County.

Participants and clients include:
- Small business owners in the service, construction and retail industries
- Small businesses with disaster related hardships
- Prospective entrepreneurs
- Community leaders
- Non-profit organizations
- Displaced workers

374 hours of collective workshop participation from Taney County citizens/business for business education.

44 hours of co-counseling and business contacts as a result of a partnership with the Taney County Business Development Partnership to help reach out to local businesses affected by the February 2012 tornado.

140 hours providing counseling and resources to businesses affected by the February 2012 tornado at the SBA Disaster Loan Outreach Center at Branson, MO City Hall.

245 businesses were directly contacted after the February 2012 tornado to offer disaster recovery assistance.

Over 148 hours were dedicated to providing one-on-one counseling with business clients.

Participants engaged in 88 Taney County business training.

38 Taney County residents/businesses received business counseling through MU Extension, Taney County Small Business Technology Development Center.
**Significant Achievements in Taney County:**

The February 2012 tornado negatively impacted many businesses in Taney County. MU Extension, Taney County Small Business Technology Development Center worked with the SBA Office of Disaster Assistance to provide one-on-one counseling and resources at the Disaster Loan Outreach Center in Branson City Hall. Approximately one hundred forty hours were spent by the Taney County Small Business Technology Development Center on-site at the Disaster Loan Outreach Center. Assistance included disaster recovery plans, disaster loan application assistance and general business management counseling.

A partnership was formed with the Taney County Business Development Partnership in an effort to extend outreach to business affected by the tornado. This helped establish forty-four hours of co-counseling for Taney County businesses. Two hundred forty-five businesses were directly contacted by MU Extension, Taney County SBTDC and the TCBDP for damage assessment and to provide additional resources geared toward recovery efforts. Additionally, the statewide network, Missouri Small Business Technology Development Center assisted to provide a Small Business Disaster Resource Guide which was printed with the help of the Taney County Business Development Partnership, the Branson Chamber of Commerce and Creative Printing Services. These Guides were distributed to businesses free of charge and helped readers through recovery; providing all federal, state and local resources, agencies and contact information. Many businesses affected by the tornado continue to be supported with ongoing one-on-one counseling from MU Extension, Taney County SBTDC.
## Family Financial Education
### Education Plus Action Solutions for Family Financial Success

<table>
<thead>
<tr>
<th>Number of Taney County Residents Served</th>
<th>Total Hours of Collective Workshop Participation in 2012</th>
<th>What Did They Learn?</th>
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</tr>
</thead>
</table>
| 204 Taney County participants that include:  
- Church Army clients  
- Taney County Ozarks Area Community Action Corporation clients  
- Probation and paroled citizens  
- Drug court participants  
- Table Rock Chamber of Commerce  
- Taney County employees  
- Forsyth Boys and Girls Club parents and employees  
- International Association of Administrative Professionals members | 685 hours of collective learning by Taney County residents. | Evaluation of the various workshops show participants learn:  
- How to protect themselves against scams or fraud and more about their credit report  
- How to figure monthly income and track fixed, flexible and periodic expenses  
- How to create a budget based on income and expenses they had tracked  
- The only website where you can get a free credit report is annualcreditreport.com  
- The credit report is the most important document a family has and a bad credit report can cost a family $250,000  
- Predatory lenders routinely charge the equivalent of three and four digit annual percentage rate interest when both interest and fees are considered | One hundred percent of the participants had written financial goals by the conclusion of their work. Participants reduce their financial stress and take positive actions like:  
- Obtaining a copy of their credit report  
- Keeping records of credit use  
- Paying credit card bills on time and making more than the minimum payment  
- Finding how much credit costs before using it  
- Reducing credit card balances and paying off debt  
- Setting one or more financial goals  
- Increasing savings  
- Preparing a spending plan/budget and using it to control spending | When you support MU Extension’s:  
- Making Money Count program, participants learn to track their spending for 30 days, which leads to increased success in reaching family financial goals, which benefits other community members by reducing the amount of time financially distressed workers spend focusing on financial issues at work.  
- Building Strong Families program, participants learn warning signs of fraud and predatory lending practices and become more informed and empowered consumers, which leads to maximizing family resources and making better and more informed credit choices. Communities benefit from financial institutions creating alternative loan products, which lead to others in the community being protected.  
- 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. |
## Family Financial Education
### Education Plus Action Solutions for Family Financial Success

#### MoTax Initiative – VITA (Volunteer Income Tax Assistance)

<table>
<thead>
<tr>
<th>Number of Taney County Residents Served</th>
<th>Total Hours of Collective Workshop Participation in 2011</th>
<th>What Did They Learn?</th>
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<th>How Does This Work Make Taney County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>851 Taney County families that include:</td>
<td>• 255 hours of collective learning by Taney County residents</td>
<td>Evaluation shows that 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</td>
</tr>
<tr>
<td>• Low to moderate income working families</td>
<td>• 25 VITA volunteers provided 1,000 hours to the project (a value of $18,570)</td>
<td>• What credits they are eligible for</td>
<td>• Paid bills</td>
<td>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>
</tr>
<tr>
<td>• Students</td>
<td></td>
<td>• The injured spouse tax form can be filed to protect a spouse from paying for their spouse’s past debts</td>
<td>• Reduced or paid off debt</td>
<td></td>
</tr>
<tr>
<td>• Senior citizens</td>
<td></td>
<td>• How to determine the amount they should have withheld from their income sources</td>
<td>• Established or increased emergency savings</td>
<td></td>
</tr>
<tr>
<td>• Single parent households</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>• Repaired or replaced the vehicles</td>
<td></td>
</tr>
<tr>
<td>• Disabled residents</td>
<td></td>
<td>• About tax planning, options and future deduction possibilities.</td>
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</tbody>
</table>

**College of the Ozarks VITA volunteers being recognized at the volunteer recognition luncheon at the end of the tax season.**

**Taney County VITA volunteers, Sharon Thompson, Joseph FitzGerald, Jody LehMaster, Taney County Site Coordinator, Wayne Briech and Judy Reynolds.**

Nellie Lamers  
Family Financial Education Specialist

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"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."

"As a result of this program, taxpayers in Taney county received $565,152 in federal refunds including $226,708 in Earned Income Credits."

"VITA volunteers prepared 2,225 federal and state tax returns for taxpayers in Stone, Taney and Christian Counties. Families received $799,227 in Federal Income Tax refunds including $326,452 in EIC and $198,778 in state refunds. In addition, the taxpayers saved $287,025 in tax preparation fees. The economic impact of the VITA programs to the economies of Stone and Taney counties is estimated at $2,495,012."
## Human Development

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<tr>
<td>A total of 1,664 Taney County residents including:</td>
<td>5,358 hours of collective learning:</td>
<td>How to understand and accept life changes and challenges •How to communicate more effectively •Conflict Management •On the road through life: the how, the what and the why •Setting goals •Spectrum temperament management •Stress and balance •Successful principles for life and work •Transformational personal change</td>
<td>Increased awareness of personal changes</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. Participants in this type of educational programming learn how to create and maintain healthy relationships and become more effective in their life endeavors. Future generations continue to benefit because of improved family and partner relationships.</td>
</tr>
<tr>
<td>22 programs for 785 attendees in recovering addict programs</td>
<td>Life Skill programs presented for Church Army in Branson</td>
<td></td>
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</tr>
<tr>
<td>13 programs for 427 attendees in Child Care Provider Training</td>
<td>Building Better Child Care: I am Moving, I Am Learning</td>
<td>All 13 programs were part of an obesity prevention grant from the state of Missouri and covered topics of exercise, nutrition, culture, brain development, child assessment, etc.</td>
<td>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.</td>
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</table>
## Human Development Continues

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<tbody>
<tr>
<td>7 programs for 141 seniors and retirees</td>
<td>Presentations for seniors</td>
<td>Senior enrichment</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>
</tr>
<tr>
<td>10 sessions for 29 Latinos</td>
<td>Teaching English to non-English learners</td>
<td>English as a second language</td>
<td>These programs teach English to new immigrants, so they can integrate into the workforce and community.</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>
</tr>
<tr>
<td>12 classes for 119 participants in relationship education and family programs</td>
<td>· Marriage and Relationship Enhancement programs · Parenting programs</td>
<td>· Relationship enhancement · The Marriage Garden · The Parenting Journey</td>
<td>These programs increase the quality relations in marriage and parenting through effective information and communication skills.</td>
<td>Future generations continue to benefit because of improved family and partner relationships.</td>
</tr>
<tr>
<td>12 programs for 235 participants from local community groups</td>
<td>Community/social issues.</td>
<td>· Strategic planning · Citizenship · Change · Optimism · Healthy life style · Overcoming adversity</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></td>
</tr>
</tbody>
</table>

Lynda LaRocque providing healthy snacks for the child care providers attending training sessions at White River Valley Electric Cooperative

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Dr. Jim Wirth
Human Development Specialist
## Community Development

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<tr>
<td>256 Taney and Stone County residents that include: Low-income families Seniors Individual Clients Non-Profit Organizations MU Extension staff Disaster Victims</td>
<td>938 hours of learning about community involvement and organizational support by Taney County residents Programs consisted of: Learning the Basics of Applying for a 5013c Drug Court Awareness Fair Master Gardener Community Project members Joplin community members Attendees at the Hollister Grape Festival Food Nutrition Education Program staff training Senior Center Program attendees</td>
<td>How to become a more effective community leader. How to work with diverse groups. Setting goals and objectives Creating a tax-exempt organization Taking part in community planning Creating a more effective work environment Using technology</td>
<td>Became members on community/non-profit boards. Started or returned to college or other post-high school education. Completed GED Created a more effective organization Developed more effective planning Took a more active role in their community or organization</td>
<td>Participants in Community Development programs learn how to more effectively get involved in their communities, organizations and workplace. Volunteerism increases. Participants have the opportunity to become more productive citizens and enhance their quality of life.</td>
</tr>
</tbody>
</table>

Taney county commissioners, Jim Strafuss, Danny Strahan and Ron Houseman present Wayne Dietrich with a certificate commemorating twenty-three years of serving the residents of Taney County on his last day with Extension.
## Community Health and Fitness – Stay Strong, Stay Healthy

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<td>37 Taney County seniors participated in one or more classes offered during 2012</td>
<td>400 hours spent learning about proper exercise techniques</td>
<td>At each session a prescribed set of upper and lower body strengthening exercises are done. Participants are made to feel comfortable regardless of their current fitness level so they can safely participate and gradually build the strength beneficial to health</td>
<td>Adopted a regular exercise program</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></td>
<td>Ten week strength training program for older adults</td>
<td>How to properly do various exercises</td>
<td>Purchased their own weights</td>
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<td></td>
<td></td>
<td>The importance of stretching, warming-up and cooling down</td>
<td>Increased physical activity</td>
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<td>The importance of proper breathing techniques</td>
<td>Improved balance</td>
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<td></td>
<td>That regular, moderate exercise can improve the overall quality of life by: • Increasing muscle strength and bone density • Increasing flexibility • Decreasing the effects of arthritis and helping control diabetes</td>
<td>Resumed activities that were curtailed or eliminated due to strength and/or flexibility issues</td>
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<td>Became more socially active/renewed social contacts/relationships</td>
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<td>• 97% feel better because of the program</td>
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<td></td>
<td>• 94% feel physically stronger</td>
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<td>• 85% feel they have more energy</td>
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<td></td>
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<td>• 89% feel more active and flexible</td>
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<td></td>
<td></td>
<td>• 72% now perform strength training exercises at home</td>
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<td>• 75% feel confident or very confident that they will be able to continue the exercises after completing the program</td>
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<td></td>
<td>• 98% of the participants were very satisfied with the class</td>
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Environmental Education – Taney County Water Festival

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<thead>
<tr>
<th>Number of Taney County Residents Served</th>
<th>Total Hours of Collective Workshop Participation in 2012</th>
<th>What Did They Learn?</th>
<th>What Action Did they Take?</th>
<th>How Does This Work Make Taney County and Missouri Better?</th>
</tr>
</thead>
<tbody>
<tr>
<td>571 Taney County fifth grade students, teachers and parent volunteers participated in this two-day event.</td>
<td>2608 hours spent learning about water quality, pollution, ground water movement, stream health and watersheds</td>
<td>Point/Non-Point pollution – how to determine, different causes, which is easier to control Ground Water Movement – how water moves underground, what is karst topography and how can it affect ground water, types of aquifers, how surface and ground water interact Best Management Practices - Proper use of fertilizer, pesticides and herbicides. Erosion control Importance of vegetation in soil stabilization Watershed management</td>
<td>Pre/post tests indicate that students taking part in this type of educational program acquire new information or build upon their existing knowledge base. When tested at three months, the majority of students taking part in the testing retained over 70% of the basic information covered by the program. Participating teachers and parents consistently rate this program very good to excellent. A general comment was that the Taney County Water Festival was the best educational field trip they have attended, stating that the event is fun, interesting, interactive and very educational.</td>
<td>Protecting the environment and practicing sound stewardship is everyone’s responsibility. Studies indicate that by exposing students to the importance of environmental conservation at an early age provides the foundation for long-term interest in environmental protection. Other experts feel that when children learn about being a good environmental steward, they encourage their parents to adopt more “green” attitudes by using “pester power”, urging their parents to be more environmentally conscientious.</td>
</tr>
</tbody>
</table>

Taney County fifth graders learn about watersheds from MU Extension 4-H youth specialist, Karla Deaver at the annual Taney County Water Festival.

MU Extenion specialist, John Hobbs, demonstrates the groundwater flow model for students at the Taney County Water Festival.
## Nutrition Education Programs
### Reaching youth & Adults with Nutrition Education

<table>
<thead>
<tr>
<th>Number of Taney County Residents Served</th>
<th>School Districts and Agencies Served</th>
<th>What Did They Learn?</th>
<th>What Action Did They Take?</th>
<th>How Does This Work Make Taney County and Missouri Better?</th>
</tr>
</thead>
</table>
| Taney County youth and adults were served through schools, community groups and agencies. | Programming was provided for the following Taney County Schools and Organizations:  
• Bradleyville Elementary  
• Branson Primary  
• Branson Head Start  
• Forsyth Elementary  
• Mark Twain Elementary  
• Taneyville Elementary  
• Church Army Branson  
• Boys and Girls Club Branson and Forsyth  
• My Neighbor's Pantry  
• Forsyth and Branson Senior Centers  
• Kissee Mills Head Start  
• Hiding Place Ministry  
• Branson Head Start  
• France Rittenhouse Learning Center for Children | 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:  
• 90% are more aware of nutrition  
• 65% make healthier meal and/or snack choices  
• 45% eat breakfast more often  
• 77% are more willing to try new foods  
• 83% improved hand washing  
• 37% improved food safety other than hand washing  
• 62% increased physical activity | University of Missouri Extension's Family Nutrition Program (FNP) brought $8,951,100 in federal funds into the state of Missouri. These funds were used to provide nutrition education to 433,152 food stamp recipients and food stamp eligible citizens of Missouri. 12,592 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. |
There are 31 traditional 4-H club members in Taney County.

In addition, there have been 571 participants in 4-H special interest programs offered in Taney County. These programs include conferences, distance learning programs, environmental education, day camps and other educational activities.

There are also 51 youth and adult volunteers that supported clubs and 4-H activities.

Club members and participants in special interest programs logged a total of 720 hours in Taney County.

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.

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.

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

Karla Deaver
4-H Youth Specialist

Members of the Taney County Achievers 4H at the Taney County Fair. Back row; Carolyn Summers, Peggy Hartley, Marys Ford, Cassandra and Mike Nabena, Rose Aragon. Front row; Cameron Hunt, Chad Hartley, Hannah Summers, Cailyn Hunt, Kate Craig and Keona Craig. 4H made it’s comeback at the Taney County Fair, they picked up trash at the fair as a community project and held their Achievement Day on the last day of the fair.
4-H Makes a Comeback at the Taney County Fair

4-H member, Hannah Summers with her goats at the Taney County Fair for Achievement Day.

Rosa Aragon and Cameron Hunt show their sheep at Achievement day at the fair.

Grand champion for the Taney County Achievement Day at the county fair, Marys Ford.

4-H youth specialist, Karla Deaver, congratulating members of the Taney County Achievers 4H club on their accomplishments at the Taney County Achievement Day held on the last day of the county fair.
**IMPACT IN 2012**

**Master Gardener Total Impact**
The Master Gardeners of the Ozarks continues to grow in number and expand in the variety of projects done each year. A total of 5,037 volunteer hours were reported in 2012 by sixty-three Master Gardeners. These hours are up 20 percent from 2011. They reported making 10,329 contacts with people in the community during 2012. 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 $94,700 worth of volunteer time! The activities of Master Gardeners in this area were coordinated by Tim Schnakenber, agronomy specialist.

**Organization and Structure**
The Master Gardeners were led this year by Kathryn Kufahl, President, Carol Gerhart, Vice-President, Phyllis Gavillet, 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 2012, headed by RJ Jacob, to provide $3,000 in grant funds for Master Gardener projects. As a result, funds were distributed in early 2012 which provided a boost to several special projects within the organization.

**Master Gardener Training in Forsyth for 2012**
A Master Gardener training was offered in Forsyth for the first time. There were 30 hours of instruction provided for 21 participants. A graduation ceremony was conducted at the December Master Gardener holiday function in Forsyth.

A monthly Master Gardener meeting held at the home of Barbara Keys near Forsyth. Monthly meetings are an opportunity to conduct business of the organization and monthly guest speakers provide continuing education opportunities.

Members who provide ten years of volunteer service in their communities become Emeritus members. Members of the training class of 2002 were recognized in January. Pictured (L to R) are Jane Schwarz, Carol Frische, Jose Roetto, Carol Gerhart, Cathy Wolven and Joe Wolven. Not pictured were E.J. Adams and Belle Bechtold.
The Master Gardener training class. Twenty-one people from Stone and Taney counties were trained in Forsyth. Top picture shows the class members and one below shows one of the classes taught by Kathryn Kufahl.

Garden Tour Featured Edible Gardening in Stone County
Master Gardeners offered their fourth garden tour in July in northern Stone County. Co-chaired by David Smith and Mike Flinn, the tour attracted participants from a wide area and featured gardens of seven homes from Cape Fair to Hurley. Funds from the event were dedicated to pay for scholarships.

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 Kimberling City in October.

Gardening Education and Beautification are Key Goals of Numerous Master Gardener Projects
Some of the ongoing projects that made a significant impact in local communities included monthly gardening seminars at the Kimberling Area Library, Stonebridge Heritage Garden landscaping, Table Rock Project Office landscaping, Ozarks Lake Country Senior Center landscaping, Kimberling Area Library Children's Garden and the Stone County Library landscaping.

Master Gardener Scholarship Offered to College Student
Education is the primary function of Master Gardeners. The chapter made the decision a few years ago to use proceeds from educational events to fund a scholarship for college students majoring in horticulture or related field. Elaine Fischer coordinated this effort. The 2012 recipient was Caylen Cantrell, a junior at College of the Ozarks.

Taney County Extension Center Landscape Project
A tremendous landscaping improvement occurred on the grounds of the Taney County Extension Center. A committee of dedicated Master Gardeners raised funds and provided labor to create a gardening oasis in the Forsyth community; and a location to host future gardening education events. This project was chaired by Danny Manis.
Impact on Taney County, Missouri

The County at a Glance

- UM Students: 125
- UM Alumni: 430
- UM Employees: 13
- UM Salary & Retirement Income: $400,353
- UM State Tax Revenue: $10,328
- UM Federal Tax Revenue: $47,616
- Population: 51,675

UM Students from the County in 2012
- 125 students
  - 78 - MU
  - 17 - UMKC
  - 26 - Missouri S&T
  - 4 - UMSL

- 97 - Undergraduates
- 29 - Graduates
- 100 - Full-time students
- 25 - Part-time students

UM Alumni Residing in the County in 2012
- 430 alumni
  - 275 - MU
  - 80 - UMKC
  - 43 - Missouri S&T
  - 33 - UMSL

- 195 Selected School Alumni
  - 25 - Medicine
  - 15 - Nursing
  - 5 - Health Professions
  - 15 - Dentistry
  - 15 - Pharmacy
  - 3 - Optometry
  - 7 - Veterinary Medicine
  - 39 - Agriculture
  - 46 - Engineering
  - 25 - Law

UM Services Received in the County in 2012
- 296 patients seen at UM Health Care, with $118,833 of uncompensated care.
- 19 patients seen at UMKC School of Dentistry with an average of $36 per patient in uncompensated care.
- 27,475 contacts with MU Extension through MU Extension events held in district counties.

UM Construction Projects involving Vendors located in the County in 2012
- 1 vendor involved with 1

UM Alumni Teaching K-12 in the County in 2012
- 17 teachers
  - 3% of all county teachers
  - 2 principals and administrators
  - 6% of all county principals and administrators

MU Continuing Education Enrollments for Taney County in 2011-2012
- MU Extension Fire & Rescue Training Institute – 358
- MU Extension Law Enforcement Training Institute – 2
- Missouri Training Institute - 6
- MU Conference Office – 127
- Continuing Medical Education – 1
Impact on Taney County, Missouri

UM Research Expenditures Funded by Federal and Private Sources

<table>
<thead>
<tr>
<th>Year</th>
<th>Federal Expenditures ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY2006</td>
<td>$158.3</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 $223.2 million in National Science Foundation (NSF) awards represented 80% of all NSF awards made to Missouri public universities.
- UM earned $68.4 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.

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

Advancing Missouri.
## Taney County Extension Leadership

Plus an Army of Volunteers

![New council members being sworn in at annual dinner meeting by Donna Neeley, Taney county clerk.](image)

<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>Cinda Bauer, chair</td>
<td>Ronald Houseman</td>
<td>Wayne Dietrich</td>
<td>Jay Chism</td>
</tr>
<tr>
<td>Daryl Brown, vice-chair</td>
<td>Presiding Commissioner</td>
<td>Community Development Specialist</td>
<td>Interim Regional Director</td>
</tr>
<tr>
<td>Adam Kimrey, secretary</td>
<td>Danny Strahan</td>
<td>Chrystal Irons</td>
<td>Jeff Barber, Housing and Environmental Design Specialist</td>
</tr>
<tr>
<td>Angela Leist, treasurer</td>
<td>Western District Commissioner</td>
<td>Business Development Specialist</td>
<td>David Burton</td>
</tr>
<tr>
<td>Leroy Adams</td>
<td>Jim Strafuss</td>
<td>Nellie Lamers</td>
<td>Civic Communication Specialist</td>
</tr>
<tr>
<td>Susan Bearden</td>
<td><em>Eastern District Commissioner</em></td>
<td>Family Financial Education Specialist</td>
<td>Patrick Byers</td>
</tr>
<tr>
<td>Don Codillo</td>
<td></td>
<td>Chalys McCoy</td>
<td>Horticulture Specialist</td>
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<tr>
<td>Webb Edwards</td>
<td></td>
<td>Nutrition Program Associate</td>
<td>Dr. Gordon Carriker</td>
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<tr>
<td>Josh Franks</td>
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<td>Lynda LaRocque</td>
<td>Ag Business</td>
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<tr>
<td>Waunetta Howard</td>
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<td>Eldon Cole</td>
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<tr>
<td>Jeff Jackson</td>
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<td>Livestock Specialist</td>
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<tr>
<td>Sally LeBoeuf</td>
<td></td>
<td></td>
<td>Karla Deaver</td>
</tr>
<tr>
<td>Kenton C. Olson</td>
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<td>4-H Youth Specialist</td>
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<tr>
<td>James Penn</td>
<td></td>
<td></td>
<td>Christeena Haynes</td>
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<tr>
<td>Jeremy Rasnick</td>
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<td>Nutrition Specialist</td>
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<tr>
<td>Jerry Shackette</td>
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<td>Dr. Tony Rickard</td>
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<tr>
<td>Gil Stockebrand</td>
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<td>Dairy Specialist</td>
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<tr>
<td>William Walley</td>
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<td></td>
<td>Tim Schnakenberg</td>
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<tr>
<td>Deborah Wilkerson</td>
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<td>Agronomy Specialist</td>
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<tr>
<td>Ronnie Melton</td>
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<td>Bob Schultheis</td>
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<tr>
<td><em>Farm Bureau Representative</em></td>
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<td>Natural Resource Engineer Specialist</td>
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<tr>
<td>David Pendleton</td>
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<td>Renette Wardlow</td>
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<tr>
<td><em>Merriam Woods Representative</em></td>
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<td>Human Development Specialist</td>
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<tr>
<td>Danny Strahan</td>
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<td></td>
<td>Dr. Jim Wirth</td>
</tr>
<tr>
<td><em>Taney County Commission Rep.</em></td>
<td></td>
<td></td>
<td>Human Development Specialist</td>
</tr>
<tr>
<td>Marys Ford</td>
<td></td>
<td></td>
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<tr>
<td><em>Youth Representative</em></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Amanda Holder</td>
<td></td>
<td></td>
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<tr>
<td><em>Youth Representative</em></td>
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</tbody>
</table>

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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

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Operations</td>
<td>$ 3,404.66</td>
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<tr>
<td>Resale</td>
<td>$ 1,138.48</td>
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<tr>
<td>Soil Testing/Plant ID/Insect ID</td>
<td>$ 1,764.58</td>
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<tr>
<td>Short Courses</td>
<td>$ 19,407.51</td>
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<tr>
<td>Restricted Grants and Contracts</td>
<td>$ 9,034.92</td>
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<tr>
<td><strong>TOTAL ACCOUNT BALANCES</strong></td>
<td><strong>$ 34,750.15</strong></td>
</tr>
</tbody>
</table>

Financial Statement

**REVENUE**

- Beginning Balance: $ 35,568.15
- County Appropriations: $ 44,976.18
- Student Fees: $ 3,260.97
- Investment Income: $ 42.51
- Gifts/Grants/Contracts: $ 6,792.39
- Program Reimbursements: $ 228.00
- Resale’s/Educ. serve. Fees: $ 2,248.60
- Misc. Income: $ 178.00
- University Postage Allotment: $ 1,800.00

**TOTAL REVENUE**: $ 95,094.80

**EXPENSES**

- Secretary Salary: $ 25,110.40
- Payroll Expenses: $ 11.23
- Travel: $ 9,226.83
- Postage: $ 2,690.71
- Telephone: $ 1,120.00
- Cell Phone Reimbursement: $ 1,244.00
- Supplies & Services: $ 8,888.34
- Professional Development: $ 199.80
- Internet Connection: $ 400.00
- Insurance: $ 120.00
- Miscellaneous: $ 505.80
- Counsel Expenses: $ 1,863.50
- 4H Foundation Dues: $ 136.00
- BD Program Revenue Split: $ 287.09
- CTF License Plate Disperse: $ 718.97
- VITA: $ 1,250.00
- Soil Test Expenses: $ 1,212.00
- Farm Family: $ 319.90
- Publications for Resale: $ 247.15
- MU Publications: $ 120.00
- Repairs/Maintenance: $ 2,712.70
- Furniture and Equipment: $ 810.23
- Fee Generation for MU Extension: $ 1,150.00

**TOTAL LIABILITIES**: $ 60,344.65

**CLOSING BALANCE**: $ 35,750.15