Our mission...

To serve Shannon County by extending research-based knowledge and top quality educational programs to address high priority needs to citizens at the local level. University of Missouri Extension faculty helps individuals and organizations turn knowledge into action, thus improving the quality of life for all.

Shannon County is currently being served through the Texas County Extension Center located in Houston, Missouri. Cammie Younger serves as County Program Director.

1418 S Sam Houston Blvd
Houston, MO  65483
(417) 967-4545
Fax:  (417) 967-4707

Internet: texasco@missouri.edu

Web Site:
http://extension.missouri.edu/texas

Office Hours:
8:00 am to 4:00 pm
Monday– Friday

University of Missouri Extension does not discriminate on the basis of race, color, national origin, sex, religion, disability, political beliefs, sexual orientation, martial or family status in employment or in any program activity.
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

University of Missouri, Lincoln University, U.S. Department of Agriculture and Local Extension Councils Cooperating Equal Opportunity/ADA Institutions
**Grazing School**
Grazing schools are conducted as a partnership with USDA Natural Resources Conservation Service and Soil and Water Conservation Districts. This very popular course helps producers improve in the areas of farm resource management, pasture growth and quality, livestock nutrition, soil fertility, grazing system economics, and matching forage and livestock production. Ninety-four percent of grazing school attendees report greater profits through application of managed grazing concepts.

**Private Pesticide Applicator Training (PPAT)**
Private Pesticide Applicator Training is a program which trains Missouri farmers and landowners proper safety and use of different chemicals, and enables them to purchase and use on their operations restricted use pesticides and herbicides. In 2012, 20 Shannon County residents received PPAT and either were newly certified or received re-certification for their enterprises.

**2012 Drought**
2012 will likely be long remembered for the extreme drought and heat that gripped the Midwest. Counties reported suffering from a deficit of approximately 15 inches of rainfall, with the majority of that deficit coming in the first 7 months of the year. First cutting hay crops of cool season grass were estimated at 30-50% of normal. Due to a warm and dry winter of 2011-2012, stock ponds and other water sources were compromised, and even as of January 2013, continue to be well below normal levels. MU Extension provided assistance to agriculture producers stricken by drought in a number of ways. Sourcing feedstuffs, forage testing for nutrient analysis as well as toxic nitrates, pasture renovation, consulting on herd reduction and drought mitigation strategies, water systems, etc. were a few of the common areas of assistance.

**Drought Management Field Day and Program**
This program, held September 13th, provided over 90 livestock producers from Shannon and surrounding counties and opportunity to learn about drought management strategies for their livestock enterprises.

The event included an afternoon field day, held at Martin Cattle Company, near Anutt, MO, and concluded with an evening meal and program at Victor Baptist Church in Anutt, MO. The focus of the field day was to educate producers on alternative feedstuffs for wintering beef cattle. A demonstration of ammmoniating corn stover round bales was set-up and the process detailed by MU Extension Beef Nutrition Specialist, Justin Sexten. Other alternative feeds and methods of feeding were discussed and Sydenstricker John Deere provided a demo of their line of vertical mixers and a hay processor that could be used to make Total Mixed Rations, and improve utilization of poor quality roughages.

The evening program featured Stacy Hambelton, Ag Business Specialist, who spoke on tax ramifications of drought and the Imported Red Fire Ants that could come from hay being brought in from southern states. Additionally, Dr. Mac Devin with Boehringer Ingelheim gave a presentation on animal health and management during drought.

**Shannon County Youth Ag Day**
A new program was developed in 2011 to serve Shannon County youth in the field of Ag sciences. There are no FFA programs offered in the county. Therefore this program was developed to meet the need of students gaining knowledge of agricultural opportunities in the county. The program was delivered to nearly 100 students from Eminence, Winona, Mtn. View/Birch Tree and Summersville school districts in 2011.

The all day workshop included programming in the areas of Forestry, Forage and Nutrition, Soils and Water, Agribusiness, Livestock Care and Management, and Resource Conservation and Development. The students were also taken on a field visit to Crystal Creek Farms where they participated in a farm tour and attended workshops consisting of information on cost share programs offered by area agencies such as National Resource Conservation Services and Soil and Water. 100% of the students said they would recommend the program to their friends and hoped the program would be provided again next year.

This program brought agricultural awareness to Shannon County students and provided them with an opportunity to explore Agriculture for future careers within their county. In 2012 the University of Missouri Shannon County Extension Council and their partners have been working on the development of the program to take place in March of 2013 at Twin Pines Conservation Education Center.

**South Ozarks Premier Beef Marketing Program (SOPBM)**
SOPBM allows producers to cooperatively market beef calves in 50,000 lb semi-truck loads, and receive performance and carcass data which allows them to make management decisions about their cowherds. To date, fifty-two producers have backgrounded twenty-six groups and 11,165 head of cattle in the program. In 2012, producers enrolled a total of 270 head of steers and heifers for the spring and fall commingling groups. Producers involved in SOPBM learn advanced marketing and management techniques for their beef operations, and improve profits from their beef enterprise.

**MU Wurdack Farm**
Approximately 800 agriculture students from around Missouri took part in an extensive farm field day and approximately 80 producers attended the annual Fall Field day. The farm also hosted several educational programs/tours including the Advanced and Basic Grazing Schools, as well as programs for local schools, organizations, clubs, and organizations, highlighting the ongoing projects, demonstrations and programs at the farm.
Quality Systems Assessment (QSA)
This program, developed by the Missouri Department of Agriculture and the U.S. Department of Agriculture, gives beef producers the opportunity to access domestic and foreign export markets that specify cattle must be source and age verified by a third party. The role of MU extension in this program is to serve as the supply evaluator, whereby, on-farm audits are conducted and producers are qualified allowing feeder cattle to be eligible to be sold as “source and age verified”.

Nutrition and Health Education

Food Preservation
With the high costs of fuel came the skyrocketing prices of food. Class were held in south central Missouri to combat this problem. Many students participated in this class with 100% stating the need for more education in this area. These students learned the safe process of pressure canning, including preparing food for canning and the benefits of home food preservation. Students now have the knowledge of how to make their food dollars stretch by preserving some of their own food.

Chronic Disease Self-Management Program
The Chronic Disease Self-Management Program (CDSMP) is a workshop given two and a half hours, once a week, for six weeks, in conjunction with local area hospitals and health facilities. People with different chronic health problems attended the program together. The subjects covered included:
- Techniques to deal with problems such as frustration, fatigue, pain and isolation.
- Appropriate exercise for maintaining and improving strength, flexibility and endurance.
- Appropriate use of medications.
- Communicating effectively with family, friends, and health professionals.
- Nutrition
- Making informed treatment decisions

It is the process in which the CDSMP is taught that makes it effective. Sessions are highly participative, where mutual support and success builds the participants’ confidence in their ability to manage their health and maintain active and fulfilling lives. The Self-Management Workshop does not conflict with existing programs or treatment. It is designed to enhance regular treatment and disease-specific education such as Better Breathers, cardiac rehabilitation, or diabetes instruction. In addition, many people have more than one chronic condition. The program is especially helpful for these people, as it gives them the skills to coordinate all the things needed to manage their health, as well as to help them keep active in their lives. There were 15 people who attend the CDSMP program and all report the program being a success.

Focus on Kids
Focus on Kids is a highly effective program for families experiencing separation and/or divorce through learning better communication skills and how both parents can interact even through differences of opinions and lifestyles. The curricula used for Focus on Kids uses real life situations on video for clients. These video sessions are extremely effective in giving clients a "hands on" learning experience. Summary points of Focus on Kids are:
- Avoid Putting Children in the Middle
- Transitions Between households
- Money Matters
- Parenting Time

Focus on Kids is offered in 3 counties in the South Central Re-
region. They are Pulaski, Phelps and Texas County. Texas County served 11 adults in the program. This generated information that impacted approximately 30 children. This program is available in other counties in the south central region of Missouri, including Shannon County.

Strong Women– Healthy Lives Expo
The Strong Women–Healthy Lives Expo included the very best education in beauty, health, nutrition, fitness, financial planning, and entrepreneurship. This expo reached nearly 300 women from across the south central region of Missouri. Women who attended the event reported increases in physical activity, while businesses that attended reported increases in their sales following the expo.

4-H Youth Development

Across the state, one of every five Missourians between the ages of 5 and 18 participated in a Missouri 4-H program in 2012. 4-H positive youth development programs deliver opportunities for you to build life skills, engage in science and connect with the community.

4-H Connects Kids to College and a Higher Quality of Life

Missouri 4-H Members are twice more likely to have been on a college campus than their non-4-H peers. MU is by far the campus most frequently visited and 4-H is the second most reported reason to be on the MU Campus (Lerner, 2008). In 2011, MU Extension 4-H connected 8,500 young people age 8 to 18 to University of Missouri campuses and faculty. Being on a campus is a predictor of youth going on to higher education (Hoover, 2006). These students are more likely to go to college and enjoy increased financial success for themselves and their offspring be better consumers improve quality of life through more opportunities for leisure and hobbies improve health for themselves and their children (Porter, 2003) more likely to vote as adults
more likely to contribute to their community (Lerner, 2009; Zaff et al, 2003)
Youth who earn their earn bachelor’s degree, increase annual earnings by $2.01 million over their lifetime (Porter, 2003). If Shannon county youth participating in 4-H programs, go on to earn their Bachelors, 4-H would help young people earn $24.34 million more of lifetime earnings.

According to a national study of positive youth development conducted by Tufts University, compared with non-4-H youth, young people participating in 4-H programs are:
• 300% more likely to contributing to their communities
• 300% less likely to engage in risk behaviors
• 76% more likely to make better grades
• 70% more likely to go onto college
• 40% more likely to science or engineering courses or careers

4-H offers long-term educational experiences in which members learn life skills such as decision making, environmental conservation 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, welding, photography, cake decorating, and shooting sports. 4-H also involves children and teens in community service, camping and educational trips.

4-H Programs
Shannon County communities have strong support for youth programs of the University of Missouri Extension through local partnerships, the dedication and commitment of volunteers and communities, which is vital to our success. The many contributions of volunteers, county leaders, local organizations and businesses provide youth with opportunities to grow and learn outside of the classroom to better prepare for their future. We are always looking for new ideas to help serve youth better; you are invited to join us in our efforts to conduct innovative programs in the exploration of science, technology, engineering and mathematics.

Science Days
Four sessions of “Science Days” were offered over the summer serving more than 300 youth in Shannon, Howell and Oregon Counties. Area youth learned about aerodynamics, forestry and tree identification, chemical and physical reactions, properties of polymers, and solar energy through hands on activities and demonstrations. Physical activity and team work were also incorporated into the program.

4-H School Programs
4-H school enrichment programs are short-term educational experiences that supplement learning in the classroom. Most are led by teachers or 4-H volunteers.

4-H Special Interest Programs
DOW Camp is a group camp designed for boys and girls ages eight to twelve. The camp provides a camping experience for 89 Wright, Shannon, Ozark and Douglas County youth and counselors who do not otherwise have an opportunity to attend a summer camp. UME Youth Staff develops the primary camp program and Children’s Division and area schools recruit needy and at risk youth to attend this four day camp. Eligibility for youth to attend D.O.W. Camp is that they do not have an opportunity to participate in summer activities that average youth have.

4-H members supported by adult volunteers
Volunteers create, support and are part of the 4-H community. Missouri 4-H volunteers responding to a survey report they contribute on average 100 hours per year. Valuing their time at $18.80 per hour, based on average Missouri incomes, the contribution of Shannon County 4-H volunteers was worth more than $3, 800 in 2012! More importantly, these adults serve as mentors for our youth helping them transition into healthy adulthood, priceless.

Leadership Development Program
A new Youth Leadership Development program was implemented into Shannon County in 2009. The program was delivered to Winona and Eminence High Schools Junior and Senior students in the spring of 2012. The students were required to attend the Extreme Entrepreneurship Tour, attend one local board/council meeting of different entities and agencies, as well as to present a written grant proposal and oral presentation to Shannon County Extension council members. Grant/ Scholarship monies totaling $1000.00 were available to the students that completed the grant/ scholarship projects. The program served 18 high school students, with one student receiving a $500 scholarship to be applied for higher education.
2012 Council Officers

Chair: Armand Spurgin
Vice-Chair: Cole Younger
Secretary/ Treasurer: Glenna Brown

2012 Elected Council Members

Debbie Beller
Yvonne McGregor
Gary Nichols
Joline Fisher
Emma Dyer

Amy Nichols
Barb Cowen
Annette Nichols
Lisa Crider

Appointed Members

Jeff Cowen, County Commission
Connie Holland, USDA

Shannon County Extension Staff

Cammie Younger
County Program Director
Nutrition & Health Education Specialist

Amber Dailing
Secretary

Kelly Younger
Nutrition Program Associate

Staff Serving Shannon County

Amy Patillo, 4-H Youth Development Specialist
Brenda Bell, Human Environmental Science Specialist
Pat Snodgrass, EFNEP Supervisor
Stacey Hambelton, Ag-Business Specialist
Logan Wallace, Livestock Specialist
Ted Cunningham, Livestock Specialist
Willis Mushrush, Business & Industry Specialist
Sarah Hultine, Community Development Specialist

Financial Statement

Jan - Dec 12

Income
0100 · Student Fees 237.00
0210 · County Appropriations 5,000.00
0400 · Gift/Grants/Contracts 125.00
1500 · Postage Alltoment 485.00
Total Income 5,847.00

Gross Profit 5,847.00

Expense
3100 · Travel 953.03
3600 · Postage 44.00
3700 · Telephone Serv - Local 220.33
3900 · Advertising 55.00
4400 · Rent/Lease Equipment 518.52
5100 · Supplies/Services 1,578.37
5600 · Professional Services 1,650.00
7200 · Publications for Resale 9.60
Total Expense 5,028.85

Net Income 818.15