



University
of Missouri
Extension

Osage County
2011
Annual
Report

RETURN ON INVESTMENT

UNIVERSITY OF MISSOURI
 Extension



2011 PROGRAMS OF DISTINCTION

Business Development	5
Community Development	5
Agriculture	
Pork Quality Assurance Plus	6
Agronomy	6
Farm Lease Education	8
Human Environmental Services	
Focus on Kids	9
Day Care Providers	9
Building Strong Families	9
Financial Management Workshops	10
Living Well with Chronic Conditions	11
Nutrition Education	11
Positive Youth Development	
4-H	12
Holiday FunFest	13

January 2012

Dear County Commissioners and Associated Friends of MU Extension:

"Efficiency" and "Innovation" are two watchwords of citizens and government in our currently challenging economy. I am pleased to report that University of Missouri Extension has kept these words in the forefront and acted accordingly for the benefit of Missouri residents statewide.

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 provided from counties is leveraged with an additional \$6.00 to create a significant return on investment.

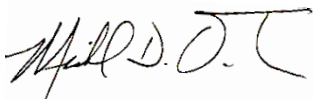
MU Extension creates value for citizens – including those who do not participate directly in its programs. For example:

- *The federal **Expanded Food and Nutrition Education Program** provided \$1.6 million to the state of Missouri. These funds provide nutrition education to limited-resource families. Participants who graduate from the program improve the way they manage their food dollars; demonstrate acceptable food safety practices and make healthier food choices. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important program reduces healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.*
- *2011 has been a difficult year due to natural disasters in Missouri. The MU Extension statewide **Community Emergency Management Program** and local emergency management groups provided immediate on-site assistance by coordinating with the State Emergency Management Agency, Red Cross and other groups and by providing online resources through web pages and other media. As a result, citizens learned how to avoid scammers, ensure safe drinking water and food, and recover from a disaster. MU Extension's emergency management program helps communities, businesses, schools and residents reduce a community's disaster recovery period. This action saves lives and countless dollars in emergency recovery operations and avoids job loss. Additionally, the whole community builds a greater sense of cohesion.*

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. Quart
Vice Provost and Director

**University of Missouri
Extension
Osage County**

Osage County
Administrative Annex
205 E. Main Street
P.O. Box 795
Linn, MO 65051

Phone:
(573) 897-3648 ext. 4

Fax:
(573) 897-4694

E-mail:
osageco@missouri.edu

On the Web:
extension.missouri.edu/osage

**Extension Council
2011**

- Owen Wagner, Chair*
- Keith Neier, Vice-Chair*
- Barb Maxwell, Secretary*
- Chris Luebbert, Treasurer*
- Bruce Shanks*
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- Greg Dudenhoeffer*
- Beth Deppe*
- Christy Dill*
- Dan Schaefer*
- Jim Fennewald*
- Joan Strong*
- Dave Dudenhoeffer*

The Osage County Extension Council appreciates the continued support of extension programs by Osage County Commissioners Dave Dudenhoeffer, Elmer Senevey and Vince Samson.

From the Osage County Extension Council:

University of Missouri Extension is part of a network of nationwide land-grant universities. We are your local contact to the University of Missouri campuses.

Each of Missouri’s 114 counties has an extension council who oversees local educational programs. The Osage County Extension Council consists of 12 elected and 4 appointed members. We are proud to offer quality programs that meet the highest-priority needs of our communities.

This Annual Report highlights programs provided in Osage County during the past year. Many positive outcomes have been reported by the individuals, families, farmers, and businesses who have participated in the programs. The benefits frequently go beyond what is gained by the participants whereas the community may realize a significant value as well.

We want to recognize and thank all of the volunteers, organizations, and businesses for their support and hard work. We also are grateful for the continued financial support of the Osage County Commission. These partnerships make University of Missouri Extension programs possible in our county.

Please call or stop by the extension center if you have question or would like additional information or assistance.

Sincerely,

Owen Wagner

Barb Maxwell

Owen Wagner
Chair

Barb Maxwell
Secretary

Business Development Programs

Jobs! Jobs! Jobs! Jobs are the dominant economic theme nationally and locally. Clients of MU Extension's Business Development Program created or retained 7,473 jobs across the state. In addition to jobs, Extension's Business Development Program (BDP) also helped our clients improve sales, start businesses, and obtain government contracts, all of which contributes to creating and retaining jobs and improving the local economy. BDP clients can be either exiting businesses or those wanting to start a business, either way, they can access counseling at no cost, training, and other services.

Overall, the University of Missouri's Business Development Programs served 17,207 people and their businesses state-wide. The total statewide BDP impact for 2011 is:

- New jobs: 5,765
- Sales increases: \$235,430,804
- Government contracts: \$191,500,000
- New businesses: 249
- Jobs retained: 1,708
- Loans and investments in business: \$199,474,000
- Acquired assets: \$77,573,861
- Investment in commercialization: \$151,567,881 in research proposals submitted with \$4,337,056 awards received
- Clients/companies receiving business counseling: 3,095
- Business training attendees and conference participants 14,111

The reported impact for Osage County includes four individuals or businesses receiving counseling assistance and eleven attending a training program. Such assistance helped Osage County businesses increase sales by \$6,700. As more businesses and clients access BDP services, the value of the impacts seen in Osage County will grow. Although a specialist is not

located in Osage County, services can be accessed from the center most convenient to the client from the listing of centers available on our website.
<http://www.missouribusiness.net/index.asp>

Programs Available for Communities and Agencies

In partnership with other state and regional Extension staff many "ready to go" programs were developed and are available by contacting Larry Dickerson, regional community development specialist.

Community Development

Healthy Communities – a holistic approach to community development to help communities plan for the future and manage community change.

Developing a Strong Community – principles, practices and processes for developing and sustaining a viable community

Working in a community– how to work in a local community and learn and understand how it functions

Managing Community Change – understanding the forces and generators of change and how to manage them in positive ways

Community Development Principles and Concepts – the basics of community development

Community Engagement –how to engage community members in community processes

Capacity Building for Communities and Organizations

Capacity Approach – a look at using the capacity approach to addressing community issues.

Problem Solving – the process and steps of problem solving and decision making for community groups.

Process Design- how to design processes that help groups achieve their goals and create positive action.

Strategic Planning –how to create and implement plans for your community or organization.

Resource Development –how to identify and acquire resources for your community activities.

Meetings and facilitation – how to design and run effective meetings.

Citizen participation and membership building – the basics of getting people involved, active and effective for your community or organization.

Advocacy – how to effectively communicate and advocate for your organization.

Groups and Group Development – how people function in groups, the processes of group development and creating effective groups.

Organizational Development

Healthy Organizations – how to create and sustain a healthy and effective organization.

Board Duties and Responsibilities – the basics of serving on a board, being an effective board member and sustaining an effective organization.

Fund Raising – the basics of fund raising, creating a fund raising plan, and how to get resources for your organization.

Grantsmanship – the entire Grantsmanship process from start to finish, helping the organization write and obtain grants.

Volunteer management – how to create and sustain an effective volunteer management system.

Parliamentary procedure – the ins and outs of Roberts Rules of Order.

Getting the Word Out –how to get the word out about your organization and its activities on a small budget.

Pork Quality Assurance Plus Certification

Twenty-seven producers began the process to ensure continued access to markets for the pork they produce in Audrain (5), Callaway (2), Cole (3), Maries (4), Moniteau (1), Miller (3) and Osage (9) counties by renewing their Pork Quality Assurance Plus (PQA+)

certification which indicates producers have had training in the areas of food safety, and animal care and wellbeing. Both major pork packers in the area require pig producers to be PQA+ certified before they will purchase pigs from them. The income derived from pork production is still significant in many communities, enhancing the income stream for many other small businesses in the community.

These same packers are taking the next step in the food safety and animal care and wellbeing arena by beginning to require each production site to be assessed either by a PQA+ advisor or a producer who has taken the site assessment training and passed a certification exam.

This summer, seventeen producers from Cole (2) Osage (9), Maries (3) and Miller (3) counties participated in this training and passed the exam. This allows the certified producers to do a site assessment of their operation. These sites are entered into the site assessment data base, the same as sites assessed by an advisor, and will be eligible for 3rd party site reviews the same as sites assessed by advisor. To date, eight of these seventeen producers have completed their site assessments and have ensured market access for the pigs they produce.

Integrated Pest Management (IPM)

IPM has been a county program since the mid-1980s. The adoption of IPM by farmers and the introduction of transgenic crops eliminated the need for Extension sponsored crop scouting. IPM benefits counties by reducing the number of pesticide applications, and the amount of pesticides applied.

Pheromone traps are used to survey for pest insects during the growing season. Adjacent crop fields are used for insect and disease surveys. Additional field surveys are made through the cooperation of county farmers. Results are sent to the University of Missouri

IPM program and reported in the weekly IPM post cards along with management suggestions. Insect and field survey information is also used in radio programs, weekly newspaper articles and individual contacts.

Weekly IPM post cards were sent to approximately 150 producers in Audrain, Callaway, Cole, Osage, and Boone Counties as a quick and timely way to inform of pest occurrences and pest related issues. Over the years, respondents liked the post cards with 90%+ rating it good to excellent and that the information made a difference in their pest management planning. Comments included *“thanks”*, *“excellent”* and *“right on target”*.

Stink Bugs - More Than Just a Bad Smell

Stink bugs are becoming an economic pest in Missouri. In response, field monitoring to locate and survey for stink bugs was conducted during the growing season. Sweep net and visual surveys were used to count stink bug numbers and species. A new pest stink bug, the brown marmorated stink bug may be entering Missouri in 2011 or 2012. It is known to significantly reduce yields in vegetable and field crops in the Eastern US and enters homes to overwinter. It has not been captured in Missouri yet.

Private Pesticide Applicator Training - It's the Law

Since 1978, farmers must be trained and certified as private applicators to purchase, apply and supervise the application of Restricted Use Pesticides (RUP). This training educates farmers in the safe and proper use of RUP. The certification process demonstrates that farmers can handle, apply and store agricultural pesticides properly.

Subjects covered included: proper pesticide handling, personal protective equipment, pesticide regulations, safe storage, worker

protection, endangered species and environmental protection, pesticide laws and required record keeping.

A private applicator certification class was held during February in Osage County. Twenty-one Osage County residents were certified or recertified. Program evaluation results revealed that participants had become aware to very aware and familiar to very familiar (a 4 or 5 rating on a 5 points scale) with subjects including laws and regulations. Survey comments included: *“very good”*; *“I actually enjoyed it”*; and *“I am planning to update my storage”*

Drought Damaged Animal Feed

Drought conditions can make forages or field crops salvaged for animal feed toxic from nitrate accumulation. Farmers from Audrain, Callaway, Cole and Osage Counties took advantage of on site or Extension Center nitrate testing. Two grower meetings were held in Osage County with 19 Osage and 2 Cole County farmers attending. No animals were reported sickened by or killed by nitrates from farmers taking advantage of nitrate testing. Additional information was provided on prussic acid poisoning.

Test for Soil Fertility

Missouri soils are highly variable with a tendency toward low phosphorus and low pH or acid soils. The levels of fertility and subsequent fertilizer recommendations to correct nutrient imbalances will increase yields and make crops less susceptible and attractive to pest injury. Recommendations are based on research done on Missouri soils.

Low pH, acid soils do not release nutrients in the soil and tie up applied fertilizers. Easily available agricultural lime, applied at recommended rates, neutralizes the soil acidity releasing nutrients for more efficient crop growth.

Applying fertilizer without a soil test will either not supply enough nutrients for ideal crop growth or mean excessive, uneconomical amounts of nutrients which might injure crops and possibly pollute surface or ground water or not stimulate a proportional increase in yield.

During 2011, 510 soil tests were processed for Osage County residents. This does not include soil tests recalculated at the farmers request for different crops or different yields from previous soil test analyses. All soil tests are reviewed by a specialist before being released.

Farm Lease Education for Landlords and Tenants

Farm lease questions and disagreements continue to be at the top of the list as far as most asked questions of Agricultural Business Specialists in the last 5 years. There are a couple of reasons for this, including high crop prices and a continued higher return for land than other investments. Finally, more and more landowners today are not rural residents and as such are not familiar with traditional Agricultural practices.

Sixty-one persons attended the Farm Lease Program in 2011, fifty-one of whom were via Interactive 2-way Television or ITV on September 1st in 4 locations throughout Missouri. Eleven attended the class in Linn (from Osage and Cole counties). A separate program was held in Macon since ITV is not an option there and 10 persons attended there in person. The date was chosen because farm leases are typically terminated or re-negotiated in the fall of the year. Four Agricultural Business Specialists throughout the state, 3 of whom developed the program initially, were involved with this program. Attendance continues to be strong and people are willing to drive more than 100 miles to receive this information.

Evaluations showed that 94% of attendees would recommend the program to others. In addition, 81% now know where to find lease forms and where to get further assistance and 83% understand that a lease is a legal, binding contract. Lease termination continues to cause many conflicts so knowing the law on termination will lessen conflicts in the long run. Requests for materials by individuals not able to participate have been received.

Topics included: current rental rates and trends, specific items to include in a farm lease, terminating a farm lease correctly, lease hunting issues and crop and livestock share lease concerns. Farm leases will remain a critical area of concern with the number of absentee landowners growing and so this information is valuable to those folks as well as to our local producers.

When you support MU Extension's Farm Lease program, you help in educating participants in lease issues and laws. This helps promote better landlord-tenant communications and lessens conflict and potential future litigation.

Commercial Horticulture- Missouri Grown and Community Food Systems Programs

The climate, soils and population base of Missouri are conducive to the growing of certain high value horticulture crops such as tomatoes, berries, melons, wine grapes, and peaches. Providing growers with unbiased and research-based information to make better decisions will help them be successful with commercial production and marketing of their crops. MU Extension provides this through workshops, newsletters, field days, farm tours, grower conferences and other methods.

Two youth and over 50 adults from Osage County were reached with activities in 2011 such as the following:

- A high tunnel workshop held in Columbia. Interest in using these light weight plastic covered structures to protect high value crops has increased as the Natural Resource Conservation Service added this application to its list of conservation practices in 2010. Three high tunnels were funded in Osage County.
- The largest vegetable farm tour in the state was held in the nearby counties of Morgan and Moniteau.

FOCUS **Assists Families in** **on Kids** **Transition**

In 1998, the state of Missouri passed a law that mandated any person in court for a divorce, motion to modify a decree, or custody/paternity with children 18 years of age and under must participate in a parenting class. Focus on Kids is a class that was developed by the Human Development and Family Studies Department at Mizzou to fulfill this mandate.

In 2011, approximately one hundred thirty five parents participated in twelve workshops provided in Osage and Gasconade Counties. The number of Osage County parents was sixty. At the end of session evaluation, the majority of participants found the class worthwhile and helpful.

Quotes from participants included: "The instructor was extremely helpful and open to discussion." And "Excellent program in helping parents realize what they put kids through."

This program was developed not only to fulfill the mandate but also to reduce the number of parents that need to return to court for motions to modify their original decree. This saves money and time for the parents, the courts and therefore the community. With increased knowledge parents will also be more cooperative and therefore reduce the stress on their children and themselves. With

reduced stress children and parents are more productive in school, work and home.

Day Care Providers

Licensed Day Care providers both those providing care in their own home and centers are required to participate in 12 hours of training per year. These individuals play a major role in the lives of children by making available a safe and stimulating environment thus allowing parents to be employed.

In 2011, two 2-hour trainings were provided in Jefferson City. Of the ninety four participants, forty one were from Osage County. The titles of the trainings were: Building Relationships with Children and Youth Who Challenge Us and Giving Your Best: Making Secure Attachments.

In December, another 2-hour training was provided for thirteen Osage County providers on "Family Matters". The importance of building relationships with the family members of the children was discussed. Handling difficult situations was also included.

"Great job." "Really appreciated the ideas for working within a limited budget." And "Thanks for providing us with an opportunity to get our hours we need. Since we don't have access to getting them during the day." were quotes from participants. The majority of the participants would recommend the trainings to others and found them worthwhile and helpful.

Building Strong Families

Building Strong Families is a multi-session program that helps individuals identify their strengths, build on those strengths, and learn skills to help improve relationships, communication, parenting, money management, and health. The program is based on research showing family members can make significant changes in their

behavior by focusing on strengths rather than on problems.

In 2011, University of Missouri Extension partnered with the 20th Judicial Circuit Court to provide Building Strong Families to Drug Court participants in Osage and Gasconade counties. Life skills classes such as Building Strong Families are important in helping drug court participants develop new lifestyle habits and discontinue the cycle of substance use and criminal activity. These changes result in substantial savings to the community by replacing costly incarceration with less expensive treatment programs and significantly reduce recidivism.

Eleven individuals attended the “Food and Fitness” session in Linn. This module focused on healthy food choices and tips for staying fit.

The majority (70%) of participants rated their knowledge, skills or understanding of this topic “a lot” or “a great deal” after participating in the workshop, whereas only 20% rated themselves at this high level before the workshop.

Participants indicated that they had learned new skills from the class, including how to eat healthier, plan balanced meals, eat less sugar, watch portion sizes and read food labels. As a result they planned to: “eat more veggies;” “eat healthier;” “plan meals better;” “be more aware of food I eat;” and “portion my plate.”

Comments included: “I’m thankful for your time to help me be aware of a healthier way to eat;” “I appreciate learning how to read labels;” “I’m [going to] try to eat healthier;” and “I liked the class.”

Another module presented to this audience was “Working” This module place a focus on the demand of the workplace and offered strategies to the participants to meet them. This module provided exercises for

participants to explore their own strengths and skills and to identify how to transfer to a work situation. Nine individuals participated in this session.

Quotes:

- Learned “there is a lot more than information that goes on your application.”
- Learned: “different ways to search for jobs.”
- Learned: “more skills in finding a job.”

Financial Management Workshops for Osage County People

Twenty five Osage County learners participated in Extension family financial education in 2011, including unemployed adults, agriculture landowners and community leaders. In total, more than 50 hours were spent in financial learning by Osage County people.

Participants learned the following: retirement planning tools; estate planning strategies; and balancing responsibilities.

Participants found that learning about financial management with Extension is a positive experience and they would recommend it to others.

Participants reduced their financial stress by taking positive actions such as: Building wealth, not debt; Making more deliberate, well-informed financial decisions; and Meeting agency requirements

Many individuals coming for financial education are behind on bills or see that they are dangerously close to being unable to pay for necessities. Quality financial education can help families get and stay current on bills. When families can pay their bills, it helps community businesses stay in business. It fuels a stable tax base. That’s fundamental

economic development for Osage County and for Missouri.

When financial education is supported for Osage County people, participants learn quality financial strategies which result in increased success in reaching financial goals, stronger credit reports and better-informed consumer purchasing decisions. This helps lower costs for public assistance programs, reduce debt discharged in bankruptcy and results in more productive employees. It has become increasingly clear in recent years that individual financial decisions collectively affect the local and state economy.

Live Well with Chronic Conditions

“Very useful and informative program.” “Very rewarding.” “Great leaders.” These comments reflect participants’ satisfaction with this chronic disease self-management program.

Developed by Stanford University, *Live Well with Chronic Conditions* is a 6-week workshop which teaches individuals and their caregivers how to manage chronic conditions, including arthritis, diabetes, asthma, COPD, osteoporosis, fibromyalgia, and lupus. During weekly 2-1/2 hour sessions, participants learned to: deal with fatigue, pain, and difficult emotions; use distraction and relaxation techniques; increase physical activity without overdoing it; improve health through nutrition; make informed treatment decisions; and communicate more effectively with family and health care providers. The class incorporates learning activities, goal setting, and group discussions that build confidence in self-management of chronic conditions and ability to maintain an active and fulfilling lifestyle.

By participating in this program, individuals with chronic conditions are less likely to need major medical care, which results in financial benefits for families, employers, and the health care industry. Ultimately, this benefits everyone due to more discretionary income to spend in the community and lower health care costs.

A total of twenty-eight people participated in the program held in Jefferson City and Linn; seven were residents of Osage County. Grant funding through the Missouri Arthritis Foundation covered the cost of books and other program materials, allowing participants to attend at no charge.

Evaluations completed at the last session showed:

- 93 percent rated their knowledge, skills and understanding “a lot” or “a great deal” after the program, whereas none were at that high level prior to the program.
- 93 percent learned new information or skills.
- 86 percent were more confident of their ability to manage their chronic conditions.
- 86 percent planned to use at least one of the skills learned, including: relaxation and guided imagery; goal setting; and breathing.



Extension Brings Nutrition Education to Elementary Students

University of Missouri Extension Family Nutrition Education Programs (FNEP) provided nutrition education in Osage County during 2011. The Family Nutrition Program brought \$8,951,100.00 in Federal funds to 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. Eight hundred eighty-eight (888) of these participants reside in Osage County. As of October, it also funds one full-time job with quality benefits plus expenses for making the programming available to qualified schools and agencies in the county. FNEP provides information on nutrition, food safety, and physical activity for lifelong health and fitness.

Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase their physical activity and in general make healthier food choices. Those who practice healthy eating and activity behaviors are more likely to enjoy a high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.

One hundred thirty-two youth were provided nutrition and health information at a local health fair. One hundred seventy-five adults were reached at the local food pantry with recipes and information on low cost food preparation and physical activity tips.

During 2011, Monica Haaf and Jenifer Block, nutrition program assistants, provided classes to students at Osage Co. R-II Elementary in Linn and Osage Co. R-III Elementary in Westphalia. Show Me Nutrition Education for youth provides information in kid-friendly terms and lessons with hands-on activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health. At each of the seven lessons taught, a newsletter goes home to the family. It provides a summary of the lesson taught, sometimes using a game or puzzle as an interactive way for parents to discover what their student learned.

“Healthily Ever After” was presented to students at Osage Co. R-II Elementary in Linn. The Healthily Ever After curriculum uses puppetry and music to introduce students to the concepts of eating a variety of foods, being physically active, growing food and washing their hands. The follow-up activities are experiential learning activities that are designed to promote active engagement with materials, peers and adults, in accordance with recommendations put

forth by the National Association for the Education of Young Children.

Show Me Nutrition Education Displays updated teachers and staff on nutrition and health information. Teachers use this information in the classroom or by modeling healthy behaviors to their students. With these exhibits we are “training trainers” to deliver good nutrition messages.



4-H Youth Development

In 2011 a partnership with Linn State Technical College provided expanded opportunities for youth interested in science. Under the leadership of Terry and Linda Franchini, electronics instructors, 10 youth had the opportunity to engage in the robotics project. These youth demonstrated their knowledge at the Osage County Fair and at the Science Extravaganza.

Linn State Technical College hosted the 2011 Science Extravaganza to kick-off the National Science Experiment during National 4-H Week. Fifty youth from Osage and Cole counties had the opportunity to learn to build a wind turbine, experiment with GPS/GIS, and engage in stations from energy efficiency to water quality.

In 2011, one hundred ninety-one Osage County youth participated in 4-H through 9 multiple project community clubs, 1 single project shooting sports club, and 1 single project robotics club.

In addition, 334 youth participated through School Enrichment programs, 37 youth attended 4-H Camp and nearly all members exhibited an item in the Osage County Fair. 4-H members in Osage County were supported by 114 adult volunteers.

According to 2010 US Census Data, approximately 49% of the youth in Osage

County between the ages of 5 and 19 participated in some type of 4-H program or event (including club and school enrichment programs) during the 2010-2011 4-H program year.

First Annual Holiday FunFest

On Friday, December 30th Osage County held the first annual Holiday FunFest. Thirty seven youth ages 4 to 10 enjoyed a day filled with activities at the St. John's United Methodist Church. 4-H and Osage County



Extension sponsored the event for youth. Four adults and one teenage helper facilitated the event.

Using a station-based format, youth rotated around the room to learn about nutrition, methods for hand-washing, play-acting, electricity conservation, the role of the lineman, food safety, photography, team building, and entomology. The following partnerships made the event successful: Three Rivers Electric Cooperative, Osage County Health Department, Susan Sundermeyer, Osage County R-II FCCLA, University of Missouri Extension specialists, Lynda Zimmerman and James Quinn, Lori Kiso of Three Rivers Electric, Rhonda Luck, Kristy Russell, and Kim Temmen.

Extension Faculty and Staff Serving Osage County

Jenifer Block, Nutrition Program Assistant
 Kathy Dothage, Human Development Specialist/County Program Director
 Larry Dickerson, Community Development Specialist
 Monica Haaf, Nutrition Program Assistant
 Jenny Flatt, 4-H Youth Specialist
 James Jarman, Agronomy Specialist
 Dr. Vivian Mason, Family Financial Education Specialist
 James Quinn, Horticulture Specialist

Julie Royse, Food and Nutrition Program Coordinator
 Mark Stewart, Interim Regional Director
 Faith Slusser, Osage County Secretary
 Mary Sobba, Agriculture Business Specialist
 Dr. Mark Stillwell, Regional Director
 Chris Thompson, Business Development Specialist
 Lynda Zimmerman, Nutrition & Health Education Specialist

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UNIVERSITY OF MISSOURI
 Extension



University of Missouri System

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2012

Impact on Osage County, Missouri



Osage County

Estimated Population in 2010
13,878

Estimated Population Change 2000–2010
816 (6.2%)

Estimated Median Household Income in 2010
\$49,058

Health Professional Shortage Areas

Your entire county is within a Primary Care, a Dental Care, and a Mental Care HPSA.

Medically Underserved Areas

Part of your county is within a MUA.

Office of Government Relations

309 University Hall
Columbia, MO 65211
573-882-2726

UM Students from Your County in 2011

- 90 students
 - 62 - MU
 - 3 - UMKC
 - 23 - Missouri S&T
 - 2 - UMSL
- 69 - Undergraduates
- 21 - Graduates
- 77 - Full-time students
- 13 - Part-time students

UM Alumni Residing in Your County in 2011

- 353 alumni
 - 292 - MU
 - 8 - UMKC
 - 39 - Missouri S&T
 - 14 - UMSL
- 175 Selected School Alumni
 - 2 - Medicine
 - 16 - Nursing
 - 14 - Health Professions
 - 4 - Dentistry
 - 1 - Pharmacy
 - 6 - Veterinary Medicine
 - 77 - Agriculture
 - 48 - Engineering
 - 7 - Law

UM Alumni as K-12 Teachers and Administrators in Your County in 2011

- 24 teachers
- 17% of all county teachers
- 1 principal and administrator
- 10% of all county principals and administrators

UM Employees and Retirees Residing in Your County in 2011

- 33 people employed by UM
 - 15 - MU
 - 1 - UMKC
 - 2 - Missouri S&T
 - 14 - UM Health Care
 - 1 - UM System
- 3 UM Retirees and Beneficiaries

Tax Revenue and Income Generated by UM Employees and Retirees Residing in Your County in 2011

- \$41,768 in Missouri State Taxes
- \$175,114 in Federal Taxes
- \$1,157,304 in Salary and Retirement Income returning to the county

UM Services Received in Your County in 2011

- 1,403 patients seen at UM Health Care with \$336,671 of uncompensated care.
- 6 patients seen at the UMKC School of Dentistry.
- 5,021 educational contacts with MU Extension through MU Extension events held in your county.