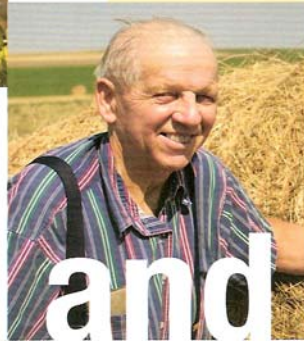
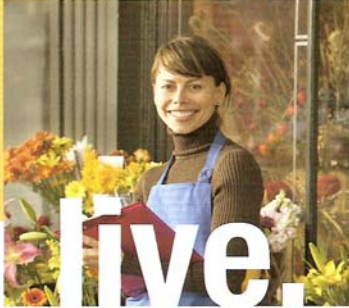


PROGRAM PLAN

July 1, 2006–June 30, 2007

UNIVERSITY OF MISSOURI
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learn.

UNIVERSITY OF MISSOURI EXTENSION
LAWRENCE COUNTY EXECUTIVE SUMMARY

live. and learn.

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Lawrence County
2006 – 07 County Program Plan
Overview

“Live as if you were to die tomorrow. Learn as if you were to live forever.” – Mahatma Gandhi

It is the vision of University of Missouri Extension to improve people's lives through relevant lifelong learning.

University of Missouri Extension is your local link to the University of Missouri campuses and to a nationwide network of land-grant universities. Education that meets high-priority needs is our focus. MU Extension uses science-based knowledge and engages people to understand change, solve problems and make informed decisions. Extension is funded through federal, state and county tax dollars. In addition, grants, contracts, fees and private gifts support our educational program efforts.

County Extension Council. In Lawrence County, our volunteer advisors – members of the county extension council -- play a vital role in identifying community needs; providing counsel to regional and campus faculty about educational programs and personnel; and assisting in finding resources to support the local educational program. The extension council is statutorily created to work with the University of Missouri in carrying out the local extension program (*Sections 262:550 to 262:620, Revised Statutes of Missouri*).

Plan of Work Process. During fall 2005, University of Missouri Extension embarked on a five-year plan of work process by conducting statewide needs assessments, which included:

- A random-sample telephone survey with 1,005 Missourians;
- Conversations on economic development in 16 locations;
- Conversations with extension councils in every county, including the voices of the Lawrence County Extension Council; and
- Conversations with the eight regional extension councils.

The campus Program Directors also reviewed research literature and demographic and economic trends and identified emerging issues for educational programming.

To ensure that the input was representative, we also conducted discussions among underserved audiences across the state. As a publicly funded institution, University of Missouri Extension is responsible for serving diverse populations and for providing access to educational programs for all. Special efforts will be made to reach underserved audiences as identified in the following program descriptions.

Results of all the needs assessments have been reviewed by state and regional extension specialists, extension administrators and county extension councils to determine program directions for the future. The ultimate goals are to determine extension program needs statewide and, on the county level, to match those needs with appropriate, limited resources.

2006 – 07 County Program Plan. After careful consideration of educational needs and available resources, the regional faculty serving Lawrence County plan to provide the programs listed in the following pages to residents of Lawrence County during 2006-07. The names of specialists slated to deliver the programs and intended program outcomes on a statewide level are indicated. Given limited resources, it is not possible to deliver programs for all the needs identified during the plan of work process. When possible, we will work with you and others on campus and in the community to find additional resources and plan for ways to deliver needed programs in the future. In some instances, needs may be referred to other agencies, organizations or educational institutions that are better equipped to meet those needs. With your support and the support of the Lawrence County Commission, every effort will be made to meet high-priority needs and to deliver programs that enhance the lives and livelihood of the residents of Lawrence County.

Thank you for all you do to support extension programs in Lawrence County.

2006-07 Lawrence  County
Program Plan
Executive Summary

The following educational programs are planned for citizens of Lawrence County in the coming year. In some cases, Lawrence County residents may need to travel to a nearby county to take advantage of the program offering.

AGRICULTURE AND NATURAL RESOURCES (ANR)

Program Name – Description - Personnel

Profit Focused Agriculture: Team effort of state and regional University of Missouri Extension faculty partnering with private businesses, agencies focused on enhancing economic viability and sustainability of Missouri agriculture. Accomplished through high quality, research based, frontier educational programs. For beginning, primary, secondary income and transitioning farmers, landowners and agribusiness agencies. **Personnel:** David Whitson, Gordon Carriker, Wesley Tucker

Beef Production Systems - Provides producers with a wealth of information on beef production. Topics span disease prevention, sanitation, vaccinations, site evaluations,

appropriate feed rations, nutrition, and reproductive physiology. **Personnel:** Eldon Cole, Dona Funk

Golden Age Farming - Workshops provide education on estate planning, retirement issues, and transition planning. It includes techniques to maximize Social Security, alternative health care, and familiarizes participants with new estate tax laws. **Personnel:** David Whitson, Gordon Carriker

Farm and Small Business Estate Planning - Targeted at farmers and small businesses, this program provides basic estate planning concepts as well as helps participants seek out professional help. **Personnel:** David Whitson, Gordon Carriker

Private Pesticide Applicator Training - Initial training and recertification of private pesticide applicators. Trains in methods of safe and proper use of agricultural pesticides on farmland. **Personnel:** Thomas Hansen

Value Added Agriculture – Interactive programming that prepares producers and producer groups to evaluate the potential marketability of a value added idea. Entrepreneurial-focused approach to developing possible new ideas and products for producers. **Personnel:** David Whitson

Business Management - Educates farmers and ranchers to plan and undertake a business-like approach to the use of land and resources in agriculture or farm endeavors. Programs focus on financial resources, record keeping, computer use, marketing, and legal issues. **Personnel:** David Whitson

Rural Agriculture Safety and Health - Preventative program to help reduce the number of deaths and disabling injuries sustained by rural Missourians. Educates Missourians on the proper safety and safety techniques for agriculture and rural living. **Personnel:** Charles Browning

AgrAbility Program (Assistive Technologies for Farmers With Disabilities: Missouri) - Education, networking, and assistance for agricultural operators with disease, disabilities, or disorders. Targets rural farm families and collaborative partners. **Personnel:** Robert Schultheis

Annie's Project - An interactive risk education course for farm women provides training in the fields of production management, financial management, marketing, legal issues, and human resources. It fosters a learning environment for ages 19-84. **Personnel:** David Whitson

Forage Production and Management - Targeted program to teach producers how to improve forage production economic return while protecting the environment. Techniques include management intensive grazing, pasture based dairying, seasonal feeding systems, and fescue toxosis. The program inspires increased economic development and social viability in rural Missouri. **Personnel:** C Schnakenberg, Eldon Cole, Gordon Carriker, Thomas Hansen

Home Horticulture and Environment - Focused program that provides research-based horticulture information for gardeners and homeowners. They will learn techniques through workshops, demonstration plantings, newsletters, and horticulture training. Recaps the benefits of maintaining healthy turf, ornamental, or fruit and vegetable plantings. **Personnel:** Gaylord Moore

Missouri Grown - Geared towards small farm families, educational program that focuses on successful techniques, and marketing high horticulture value crops best suited to Missouri's climate conditions. **Personnel:** Gaylord Moore

Turfgrass Management and the Green Industry - Through workshops, field days, and demonstrations, Green Industry personnel will obtain research-based information that will help them identify and resolve cultural and pest problems in using cost effective and environmentally sound methods. The target audience for this program includes golf course superintendents, sports turf managers, public grounds managers, nursery and greenhouse growers, landscapers and garden center operators. **Personnel:** Gaylord Moore

Dairy Production Systems - Provides information about dairy management, facilities and herd management, expansion, labor, improved dairy cattle genetics and health, waste management, reproductive health, and techniques in management of dairy records. **Personnel:** Stacey Hamilton, Tony Rickard

MO-PORK - Program offering applied research and educational practices resulting in application of management protocols and strategies to improve nutrient utilization, reproductive efficiency and management of swine. **Personnel:** Dona Funk, Gary Naylor

Missouri Show Me Quality Assurance – Programming covers information on daily care and management, reading feed labels, withdrawal times and bio-security for livestock. Also focuses on animal health products, and carcass quality. Program that leads to PQA certification. **Personnel:** Eldon Cole

Equine – Programming aimed at equine owners related to horse management issues such as feeding, health management, training, breeding, and management issues. Limited on-site service and seminars geared towards pleasure owners. **Personnel:** Dona Funk

Sheep and Goat Production - Provides knowledge, skills, practices and policies that enhance economic viability and profitability. Strives to improve the competitiveness and diversity of Missouri production enterprises. Topics covered will range from management, genetic improvement, nutrients, health assessment, to marketing strategies. **Personnel:** Dona Funk

Missouri Master Wildlife - Provides training for landowners in managing wildlife resources and enhancing habitat for a variety of wildlife species. Training will examine alternative management approaches for wildlife in diverse habitats. **Personnel:** John Hobbs

Missouri Master Naturalist - Educational program Improving understanding of natural resource ecology and management, and enhances existing natural resource education. Provides framework for conducting volunteer educational programs towards management of natural resources. **Personnel:** Charles Browning

Individual Waste Water Systems - Provides installers, real estate professionals, and home-loan inspectors with research-based information on the function of on-site septic systems, use of alternative systems, and how soils play an important role in site selection. **Personnel:** Robert Schultheis

Your Farm, Your Resources, Your Business - Provides information through classroom presentations on possibilities, feasibility, and legal issues related to beginning a farming operation or managing your resources. Topics include financial resources, business planning, soils, matching livestock, proper equipment, horticulture production and legality. **Personnel:** David Whitson

Master Gardener - Provides in-depth horticulture training for Missourians who wish to spread their knowledge of gardening. Prepares volunteers for horticulture questions frequently asked by citizens around the state, based on unbiased research based gardening information. **Personnel:** Gaylord Moore

Pasture Based Dairy Systems - Program promotes, enhances, and develops concepts in economically viable and sustainable forage-based dairy production. Participants acquire skills in financial management, high quality pasture foraging, and animal husbandry through monthly pasture walks and classroom meetings. **Personnel:** Tony Rickard, Stacey Hamilton

Show-Me-Select - Beef production educational experience examining breeding/mating, herd health management, methods of reproduction, and production economics. Participants come from a wide range, different sizes in herds, forage availability, and experience, and leave with a vast knowledge of beef production. **Personnel:** Eldon Cole, Dona Funk

Energy Conservation, Efficiency and Alternatives – Educational programming for agricultural producers and the public on such issues as energy production, biofuels, alternative cropping systems, and to promote responsible management of energy through conservation, efficiency, and renewable fuels. **Personnel:** To Be Determined

Individual Waste Water Systems - Provides installers, real estate professionals, and home-loan inspectors with research-based information on the function of on-site septic systems, use of alternative systems, and how soils play an important role in site selection. **Personnel:** Robert Schultheis

Legal Concerns for Rural Landowners: Rural Landowner Legal Concerns is designed to be a 6 or 7 session workshop or can be divided into individual sessions or topics. Rural legal issues that will be addressed are: Missouri's Fence & Boundary Laws, Land Leases and Contracts, Government Programs impacting landowners, Employers, Employees & Others

(including liability questions,) Environmental Regulations and Issues, Livestock Ownership Concerns & Overall Risk Management Strategies **Personnel:** David Whitson

BUSINESS DEVELOPMENT (BD)

Program Name – Description – Personnel

HR for Small Businesses: Recruitment and Selection – Key features for job descriptions are analyzed in order to establish effective methods of candidate sourcing. Managing employer risk during the selection process from initial review to final selection, when employment testing is appropriate, issues around drug and alcohol testing are all covered in this module. You will also learn the mandatory periods you must keep employment records. **Personnel:** Tom Keohan

Small Business Development Counseling – **Personnel:** Tom Keohan, Verna Lorton

COMMUNITY DEVELOPMENT (CD)

Program Name – Description - Personnel

The Community Emergency Management Program - Provides resources, personnel and educational programs and materials to support the mission of the Governor's Disaster Recovery Partnership (established 1993) and assist communities and citizens in all areas of emergency management, including preparedness, response, and recovery. **Personnel:** David Burton, Jeffrey Barber, Robert Schultheis

Missouri Communities Deliberate - Assists communities in building their knowledge about and engaging difficult public issues through dialogue. The process helps to mitigate conflict, polarization and stalemates which commonly result over issues where there are no optimal solutions and, which require public input. **Personnel:** David Burton

Alianzas - An extensive partnership that assists immigrants and communities in accommodating and learning from each other. The goal of Alianzas is to enhance the ability of communities to collaborate with the growing immigrant Hispanic populations through a Hispanic, university and community partnership, using a community-based, co-learner approach. **Personnel:** Virginia Hopp

Cambio de Colores Conferences - Focus on the issues that Missouri confronts as a result of new Latino urban and rural settlers in every region of Missouri. The conferences connect researchers with the people, organizations, and communities that can benefit from their research; provides a forum for the professional development of people working with the Hispanic community; and identifies best practices and knowledge and service gaps. **Personnel:** Virginia Hopp

Southwest Region News Service – **Personnel:** David Burton

HUMAN ENVIRONMENTAL SCIENCES (HES)

Program Name – Description - Personnel

Aging In Place - educates older adults, their families, and caregivers to ensure that older adults can remain in their homes and independent living situations. **Personnel:** Jeffrey Barber

Successful Aging: Provides educational resources to support successful aging and to strengthen the aging family. **Personnel:** Renette Wardlow, Tamara Roberts, Virginia Hopp

Healthy Homes - a national program educating consumers about sources, health risks, and control measures related to common residential pollutants, and toxins help consumers reduce their health risks. **Personnel:** To Be Determined

Basic Parenting - helps parents with children of all ages learn how to better manage personal stress, understand, guide, nurture, and motivate their children, in order to become more effective parents. **Personnel:** Renette Wardlow

Building Strong Families: Challenges and Choices Program
(<http://extension.missouri.edu/bsf>) - designed to help families find their strengths, build on those strengths, and learn skills to create stronger families, improve relationships, and increase communication. The Program draws from an interactive, 13-module curriculum to provide a series of life skills workshops that are supported by strength-based research. **Personnel:** Renette Wardlow, Virginia Hopp

Family Meals - an interdisciplinary program for parents and other family members caring for children. The program focuses on improving family relationships, nutrition, and family finances through family meals. **Personnel:** Tamara Roberts

Child Care Program Administration - emphasizes the entry level administrative skills necessary for operating a quality child care program and includes 6, 2-hour workshops: leadership, business, staff relations, working with parents, community resources, and working with children with special needs and their families. **Personnel:** Annette Fitzgerald

Indoor Air Quality - 2-hour workshop, developed by University of Missouri Extension, assists those who provide child care to create a healthier indoor environment for children with asthma and allergies. **Personnel:** Jeffrey Barber

Money Action Plan - a curriculum to address the need for financial management education. A train-the-trainer curriculum, targeting helping professionals who are working with people having money problems. Includes seven modules: introduction to money management, developing a spending plan, record keeping, credit, communication about money, insurance and consumer issues. Each module includes background

information as well as activities, handouts and worksheets for one-on-one or group settings. **Personnel:** Janet LaFon

Food Preservation is a program designed to assist clients in safely preserving their foods. **Personnel:** Tamara Roberts

High School Financial Planning Program (HSFPP) - uses contemporary materials to teach the basics of personal finance to young people while they are developing habits and attitudes about money that will influence them for the rest of their lives. It is based on the philosophy that learning about money is as important as earning it—and that effective money management results from a disciplined behavior, which is most easily mastered if learned early in life. This practical and objective program is available at no cost to all high schools throughout the country. **Personnel:** Annette Fitzgerald

Women's Financial Issues - focuses on the specific financial education needs of women. **Personnel:** Janet LaFon

Financial Success - debtor education program will help those facing bankruptcy: Meet your bankruptcy education requirement, Improve your financial management skills; Get more from your money. **Personnel:** Janet LaFon

Financial Security for Later Life - financial security is the ability to meet future needs while keeping pace with day-to-day obligations. Preparing for retirement and potential long-term care costs takes planning, saving, and debt control. This Cooperative Extension initiative seeks to help people improve personal finance behaviors leading to financial security in later life, enhance the capacity of local educators and their partners to deliver effective programs, and increase economic vitality and quality of life for families and communities. **Personnel:** Janet LaFon

Estate Planning - designed to assist Missourians to meet their future needs in regard to asset management and wealth transfer. **Personnel:** Janet LaFon

Child Care Core Competencies - series of research-based training opportunities covers the areas described in Missouri's Core Competencies for Early Care and Education Professionals; specifically, child growth and development, learning environments, child observation, families and communities, interactions with children, and program planning. **Personnel:** James Wirth, Renette Wardlow

Family Nutrition Program (FNP) - a nutrition and physical activity education program targeted to limited resources audiences. This program provides education in schools, community settings, and through media campaigns. The average participant receives six lessons. The primary audience for FNP is youth and the adults who support them. **Personnel:** Brenda Shannon, Teresa De Ford Petefish, Lisa Gillen, Terry Egan

Expanded Food and Nutrition Education Program (EFNEP) is a nutrition and physical activity program targeted to limited resource audiences. This program provides

education in homes and community settings. Program participants receive 6-12 lessons over the course of the program. The primary audience for EFNEP is adults. **Personnel:** Tamara Roberts, Vicki Cornman

Food Power - elementary school students travel the path food takes from the farmer's field to the sports field and learn where the food they eat comes from and how it gives them the energy to grow and play. **Personnel:** Brenda Shannon, Terry Egan

Stay Strong, Stay Healthy - an eight week strength training program for middle-aged and older adults. The program's goal is to improve health and quality of life. The program incorporates warm-up exercises, strengthening exercises, and cool down stretches. Over the eight weeks participants learn exercises to improve strength and balance. **Personnel:** Tamara Roberts

Eat Well, Be Well with Diabetes (Dining With Diabetes) - a four-session series that provides people with type 2 diabetes, their family and friends, with tools for the self-management of diabetes. The series focuses on nutrition, the cornerstone of diabetes management, but also reviews other self-management strategies that can help individuals avoid diabetes complications. Food demonstrations and tasting are included. **Personnel:** Tamara Roberts

Health for Every Body - a multi-session workshop designed to move adults away from diets to a non-diet or health promotion approach to living in a healthy body. Using a variety of educational strategies individuals gain new attitudes, learn new information and develop new skills related to appreciating self and others, healthful eating, and active living. **Personnel:** Tamara Roberts

Relatives As Parents - provides education for relative caregivers. Topics included may range from parenting, relationship building, financial, and legal issues. **Personnel:** Virginia Hopp

Homeownership/HOME - a homebuyer education class that explains the process to prospective first time home-buyers. **Personnel:** Annette Fitzgerald

Jump Into Action - a program for fifth grade students which teaches nutrition and physical activity education with a goal of preventing or reducing the risk of Type II diabetes. **Personnel:** Karla Deaver & Terry Egan

4-H YOUTH DEVELOPMENT

Program Name – Description – Personnel

Physical Activity and Recreation - Health is the fourth "H" in the 4-H Clover and a common topic for youth today. Nutrition, physical fitness and emotional well-being are

just some of the health issues that contribute to healthy lifestyles for all individuals.

Personnel: Jerry Davis, Karla Deaver, Teresa Bishop

Family and Youth Wellbeing (Mental and Emotional) - Health is the fourth “H” in the 4-H Clover and a common topic for youth today. Nutrition, physical fitness and emotional well-being are just some of the health issues that contribute to healthy lifestyles for all individuals. **Personnel:** Renette Wardlow

Creating Environments for Positive Youth Development - Through workshops, volunteer forums, leadership roles and web-based instruction, state and county extension faculty will help adult and youth volunteer leaders gain knowledge and skills to communicate, manage programs, design and deliver education events, develop interpersonal skills and create environments that promote positive youth development.

Personnel: Karla Deaver, Teresa Bishop

Program Management – Volunteers demonstrate the ability to involve others in providing the structures necessary to deliver positive 4-H programming in a community.

Personnel: Karla Deaver

Adult Leadership Roles - Through leadership roles, state and county extension faculty will help adult and youth volunteer leaders gain knowledge and skills to communicate, manage programs, design and deliver education events, develop interpersonal skills and create environments that promote positive youth development. **Personnel:** Karla Deaver

Developing Youth Leaders - Youth join in the dynamic process of learning leadership skills through interactive activities, real life experiences in relationship building, communication group process, and planning and organization. All activities offer a cross-cultural perspective. All activities offer you the ability to become a good leader.

Personnel: Jerry Davis, Karla Deaver, Lynda Dumond, Teresa Bishop

Promoting Youth/Adult Partnerships - Youth-adult partnerships may involve youth and adults together in leadership development, philanthropy, entrepreneurship, community mapping, civic activism, and/or governance. **Personnel:** Jerry Davis

Empowering Youth Citizens - Youth learn about local, state and national governments and how to actively engage as a citizen. **Personnel:** Rebecca Fay, Teresa Bishop

Animal Science and Technology – Food Animal Projects - To increase the knowledge and awareness of Missouri youth about food quality issues related to animal production (beef, sheep, swine, goats and meat rabbits). **Personnel:** Eldon Cole, Gary Naylor, Karla Deaver, Jerry Davis, Lynda Dumond, Teresa Bishop

Information Science and Technology - Youth learn through project curricula, camps and educational events knowledge, skills and application of information sciences such as using computers, geospatial technology, digital media and internet sciences. **Personnel:** Robert Schultheis

Building Character - Show-Me Character* is a program that teaches young people to make wise ethical choices. It also encourages adults to become more involved in helping youth develop positive character traits, such as trustworthiness, fairness, respect, caring, responsibility and citizenship. **Personnel:** Karla Deaver

Embryology - This curriculum brings action and experience to the classroom, using a still-air incubator. Students observe the development of the chick in the egg-hatching and post-hatch care. **Personnel:** Karla Deaver