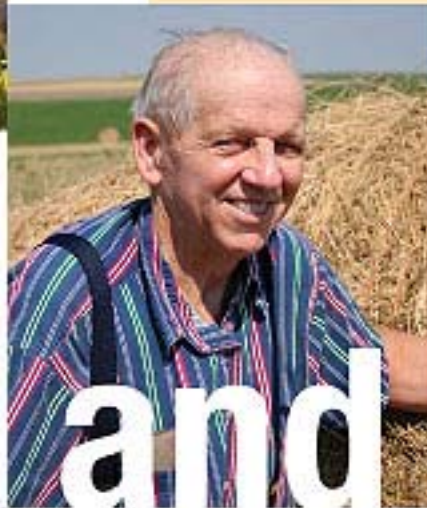


PROGRAM PLAN

July 1 2006 - June 30 2007

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UNIVERSITY OF MISSOURI EXTENSION
HOLT COUNTY EXECUTIVE SUMMARY

live. and learn.

Wayne Flanary, Holt County Program Director
University of Missouri Extension
102 E Nodaway St.
Oregon, MO 64473
PHONE (660)446-3724 / FAX (660)446-3726
flanaryw@missouri.edu

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UNIVERSITY OF MISSOURI
 Extension

Holt 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 Holt 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 Holt 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 Holt County plan to provide the programs listed in the following pages to residents of Holt 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 Holt 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 Holt County.

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



MU EXTENSION NAMED PROGRAM DESCRIPTORS

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

AGRICULTURE AND NATURAL RESOURCES (ANR)

Management of Genetically Improved Crops (MaGIC) - Program focuses on farming techniques using biotechnology. Results will help modify and improve management, cost, and economic viability of farmland. Includes methods to increase crop yield, and decrease production costs using genetically improved crops.

Personnel:

MO Crop Management System - Sustainable crop production programs for 21st century. Focuses on techniques that minimize environmental impact, and offers research on selecting the best crop genetics, as well as proper crop management decisions. **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.

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:**

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:**

Plant Protection for the 21st Century - Educational experience that covers the fundamental concepts of pest control (weeds, disease, and insect damage.) Provides a focused examination of identification, pesticide regulations, safety, and Integrated Pest Management (IPM.) **Personnel:**

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:**

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:**

Community Food Systems - Broadens consumer awareness of the community benefits of locally produced foods. Expands the development of community food systems through educational and outreach activities. **Personnel:**

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:**

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:**

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:**

Nutrient Management Planning - Provides animal feeding operation owners and operators with knowledge and skills to manage manure and organic by-products. Addresses natural resource concerns, soil erosion, and by-product impact on water quality. **Personnel:**

Precision Agriculture - Technological approach to farming, emphasizing benefits of geo-referenced data as a means to optimize production management. Techniques in site specific geo surveys to better match actual needs, in effort to raise profitability and reduce environmental impact. **Personnel:**

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:**

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:**

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:**

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:**

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:**

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:**

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:**

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:**

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:**

Missouri Woodland Steward - Helps private land owners identify woodland habitats, and introduce them to basic forest and wildlife management concepts and practices. **Personnel:**

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:**

Water Awareness Festival - Informational festival stressing the importance of water sanitation, and community economical viability. Demonstrates how to develop strong communities based on clean water, and protection methods. **Personnel:**

Watershed Management and Planning - Works with local watershed communities to evaluate, plan and implement locally designed watershed management programs. Develop and expand collaboration and partnerships with agencies, individuals, elected officials, and organizations that have responsibility for protecting water resources. **Personnel:**

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:**

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:**

Quicken for Farmers: Software tool that integrates financial and Ag production records, Quicken is a popular, inexpensive record-keeping package that is user friendly. Quicken is easy for people unfamiliar with accounting terms to use, making it a good place to start when changing from a hand-kept cash accounting system to computerized records. Quicken can readily be adopted for large and small farms and businesses. **Personnel:**

Introduction to QuickBooks for Farmers and Agribusinesses: Program delivery generally is a five to six classroom hour setting, hands on at a computer. The Introduction class covers such topics as Setting up Quick Books; Establishing a Chart of Accounts; Establishing a Class List; Entering Vendors, Customers and Items; Preparing Payroll; and Creating Reports. A manual is provided. **Personnel:**

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:**

HUMAN ENVIRONMENTAL SCIENCES (HES)

Successful Aging: Provides educational resources to support successful aging and to strengthen the aging family. **Personnel:**

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:**

Focus on Kids - helps divorced and separated parents learn how to support their children through the divorce process and how to work together in co-parenting their children. Focus on Kids satisfies the Missouri law that requires parents who are divorcing or filing a motion to modify the original divorce decree to attend an educational parenting program. **Personnel:**

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:**

Students In the Middle - a school-based program that provides support groups for students who have experienced family transitions such as divorce, separation, and remarriage. This program includes training for school counselors and social workers in the areas of divorce, separation, and step parenting, and an easy-to-use curriculum that includes all materials needed to facilitate weekly support groups for students in grades pre-K-12. **Personnel:**

Child Physical Activity - this workshop, developed by University of Missouri Extension, addresses national concerns with children's inactivity and centers on the importance of physical activity, one's personal activity beliefs and behaviors, children's motor skill development, and age-appropriate activities to encourage children's movement and motor development. **Personnel:**

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

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:**

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:**

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:**

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

Tackling The Tough Skills - a fun, innovative, and highly interactive life skills curriculum to help hard-to-reach adults or teens prepare for success in work and life.

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:**

Serv Safe - a program designed for participants to qualify for a food service handler's certificate.
Personnel:

BUSINESS DEVELOPMENT (BD)

SMART – Offers a holistic view of your company's operations using the Strategic Management Assessment Review Tool (SMART). Working directly with you and your management team, your MO Small Business Development Center counselor will guide you through the SMART interview and work with you to chart a course toward long-term performance excellence. **Personnel:**

Career Options Workshop – Offers assistance to dislocated workers in need of determining future occupations and career paths. Provides testing and counseling services for dislocated workers interested in educational programs, retraining opportunities or changing careers. **Personnel:**

Starting a Business: The First Steps – Provides an overview of the critical first steps associated with starting a business. The program is designed specifically for those who are thinking about a new business venture. Participants will assess their strengths and weaknesses in terms of business ownership, learn about the importance of planning, discuss legal and regulatory requirements and identify sources of funding. This is an introductory course for 3 hours. **Personnel:**

Starting and Managing a Business – Acquaints participants with more focused and in-depth information on starting and managing a small business in Missouri. Participants will learn about business ownership planning and organization, legal and regulatory requirements, recordkeeping and information management, marketing, financing and resources for assistance. 8 hours. **Personnel:**

The Basics to Writing a Business Plan – Educational experience for current and future business owners and entrepreneurs who have little or no knowledge of writing a business plan. Participants will learn the importance of business plans, the key required elements of a basic plan and data that must be included. **Personnel:**

COMMUNITY DEVELOPMENT (CD)

EXCEL - EXperience in Community Enterprise and Leadership, builds community leadership capacity. What distinguishes EXCEL from other approaches to leadership development is its high degree of flexibility, local control, inclusiveness, and focus on the future of community governance. **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:**

Enabling Effective Local Government - Provides assistance and training for local governments to improve government decision making and operations. **Personnel:**

Vision to Action: Take Charge Too - Provides a community planning structure and inclusionary and participatory process for groups, organizations, and communities to develop a vision, identify priorities, develop an action agenda, and successfully develop and implement programs and projects. **Personnel:**

Community Informatics - The integration of technology into community work is essential for communities as they strengthen local and global connections and economies. Creating Digital Communities can empower local authorities to accomplish more with scarce resources, enhance security, encourage business growth and entrepreneurship and bridge the digital divide. **Personnel:**

Community Connection - Provides a comprehensive, statewide database of community resources and consumer information on the World Wide Web. The program improves access to information, community services and resources; enables community resources to make information about their services widely available and easily found; enhances information sharing, referral, and collaboration among community agencies and resources; and aids in community capacity building. **Personnel:**

Community Enterprise and Entrepreneurial Development (CEED) - A cross-disciplinary program to stimulate entrepreneurial communities and foster a climate of entrepreneurship locally, regionally and statewide. It comprises a fresh approach in particular to rural community revitalization through a special partnership between the University of Missouri Extension and the Rural Policy Research Institute (RUPRI) and its focus on place-based development. **Personnel:**

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:**

Strengthening Community Non-Profit Organizations - Supports small, community-based groups and nonprofits and they develop their capacity to address important community issues. The program assists groups on a range of development topics including incorporation, planning, collaboration, financial management, marketing, and others. **Personnel:**

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:**

Global Leadership Education (GLE) - Devoted to building the leadership capacity of Missouri and Thai community members, community leaders and professionals in a number of sectors—government, education, civic and business, religious, non-profits and others. In partnership with the Community Development Department (CDD) of the Royal Thai Government, this exchange program builds mutual understanding and contributes to this collaborative learning between the people of Missouri and Thailand. **Personnel:**

Poll Worker Training - Provides comprehensive statewide training for those who work in local polling sites during elections. The training is the responsibility of local election authorities and is available in multiple formats (including an online module) and based on HAVA (Help America Vote Act) regulations, election laws, and administrative rules. **Personnel:**

4-H YOUTH DEVELOPMENT

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:**

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:**

Safety - Safety is everyone’s concern and business. Local 4-H clubs and units should examine the safety needs in their community and develop a safety education program based on these needs. Possible topics might include: abandoned well identification and proper closing, fire alarms, seat belts, water safety, safety with pets, etc. **Personnel:**

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:**

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

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:**

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:**

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:**

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

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:**

Animal Science and Technology – Companion Animal Projects -Youth gain knowledge and skills for life through working with companion animals --- dogs, cats, horses and rabbits. **Personnel:**

Plant Science and Technology -Youth develop knowledge and skills in horticulture, gardening, forestry, soybeans, entomology and beekeeping. **Personnel:**

Environmental and Natural Resources Science and Technology - Youth learn knowledge and skills in stewardship of the environment, shooting sports, sports fishing and aquatic sciences, water quality, forestry and conservation. **Personnel:**

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:**

Physical Science, Engineering and Technology - Youth gain knowledge, skills and application of physical sciences such as aerospace, electricity, robotics, small engines, welding, woodworking and the built environment. **Personnel:**

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:**

Workforce and Career Readiness - Youth gain knowledge and skills such as completing job applications, interviewing, resume and cover letter writing, electronic job hunting skills to prepare them for the world of work. **Personnel:**

Developing Interpersonal Communications - All 4-H youth development programs provide opportunities for youth to learn and/or improve communication skills. Learning communication skills enhances learning, fosters healthier interpersonal skills and facilitates leading groups. **Personnel:**

Food and Nutrition - In Foods, youth have fun learning how to cook the basics and then advance to gourmet and international meals. You also learn about the heritage of many foods as well as consumer buying skills to get the most from your money. In addition, participants learn about their ideal weight and how to maintain it for a long and healthy life. **Personnel:**

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:**