



2006-07 Atchison County Program Plan Executive Summary

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

AGRICULTURE AND NATURAL RESOURCES (ANR)

Program, 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:** Amie Schleicher, James Crawford, Robert Kelly

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:** Mary Sobba, Rebecca Travnichek, Robert Kelly

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:** Robert Kelly

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:** Alfred Decker, Carol Parmenter

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:** James Quinn

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:** Parman Green, Robert Kelly

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:** Kevin Hansen

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:** Kevin Hansen, Robert Kelly

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:** Joseph Koenen, Robert Kelly

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:** James Crawford, Robert Kelly

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:** Beverly Maltsberger, David Davis, Jackie Allenbrand

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:** Wayne Flanary

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:** Don Miller, James Crawford, Kevin Hansen, Robert Kelly, Thomas Fowler, Wayne Flanary

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:** Julie Abendroth, Wayne Flanary

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: Wayne Flanary

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:** Wayne Flanary

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: Wayne Flanary, Robert Kelly

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: Wayne Flanary, Shawn Deering

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:** James Crawford, Thomas Fowler

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:** Tom Fowler

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:** Don Miller, Robert Kelly, Thomas Fowler

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:** Thomas Fowler

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:** Amie Schleicher, James Humphrey, Roger Eakins, Shawn Deering

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:** Elissa Good, Roger Eakins

Premier Beef - Educate small-herd beef producers in concepts of value-based feeder calf marketing. Focuses on herd health, growth, uniformity, and marketing skills necessary to capture the full value of feeder cattle. **Personnel:** Theodore Cunningham

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:** Amie Schleicher

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:** Amie Schleicher

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:** Amie Schleicher, James Humphrey

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:** Meridith Berry

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

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:** Alfred Decker, James Crawford

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:** Amie Schleicher, Beverly Maltsberger, Diane Kerns, Jackie Allenbrand, James Crawford, Jerry Baker, Meridith Berry, Rebecca Simpson, Robert Kelly, Shawn Deering, Thomas Fowler

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:** Beverly Maltsberger

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:** Joseph Koenen, Randall Saner, Thomas Fowler

BUSINESS DEVELOPMENT (BD)

Program, Description, 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: Chris Thompson, Jacqueline Rasmussen

Web Resources - Update Internet resources for Regional Travel database and for Quickbooks.

Personnel: Mary Horvath

Introduction to QuickBooks Pro - **Personnel:** Mary Horvath

Hotline Calls – **Personnel:** Mary Horvath

Conferences and Training Programs – **Personnel:** Mary Horvath

COMMUNITY DEVELOPMENT (CD)

Program, Description, Personnel

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: Beverly Maltsberger

Community Tourism Development - Community tourism support. How to attract tourists, community and place marketing. Long term goal: improved local economy and increased community economic growth. **Personnel:** Jerry Baker

Marketing and Media - This program consists of a variety of activities that draws public attention to the services provided by the local Extension offices. These activities include, but are not limited to: Regional Newsletters, Web Page, Direct Marketing, Community Activities, Community information displays. **Personnel:** Roberta Jenkins

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: Jerry Baker

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

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: Ronald Higginbotham

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: Jerry Baker, Meridith Berry

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: Don Miller, Jerry Baker

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:** Jerry Baker

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:** Beverly Maltsberger, David Davis, Don Miller

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:** David Davis, Elver Pardo

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:** Beverly Maltsberger, Jerry Baker

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:** Mary Horvath

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:** Beverly Maltsberger, David Davis, James Crawford

HUMAN ENVIRONMENTAL SCIENCES (HES)

Program, Description, 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:** Marsha Alexander

Successful Aging - provides educational resources to support successful aging and to strengthen the aging family. **Personnel:** Don Miller, Roberta Jenkins

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:** Diane Kerns, Don Miller

Building Strong Families for Youth - designed to help youth ages 5 to 12 find their strengths, build on those strengths, and learn skills to create stronger families, improve relationships, and increase communication. The Curriculum for Youth parallels Building Strong Families for Adults and provides youth with interactive experiences that are supported by strength-based research. Building Strong Families for Youth is a joint effort by Human Environmental Sciences Extension and 4-H. **Personnel:** Michele Kroll

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:** Roberta Jenkins

Pregnancy and STD/HIV Prevention – Curricula from The Center for Sexuality, Pregnancy and Prevention which offers several programs on pregnancy and STD/HIV prevention, all that has been field tested and evaluated to show safer sexual decision making result among youth. **Personnel:** Brenda Bell

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

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. **Personnel:** Roxanne Miller

Building Strong Families - University of Missouri Extension's *Building Strong Families* Program for child care providers. Helps individuals find their strengths, build on those strengths, and learn skills to improve relationships and increase communication. **Personnel:** Diane Kerns, Don Miller, Lyndell Larkin, Meridith Berry, Robert Kelly, Thomas Fowler

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:** Don Miller

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:** Brenda Bell

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:** Regina Ripley, Janet Hackert Kiralfy, Karen From, Robin Davidson

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:** Karen Elliott, Thomas Fowler

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:** Karen From

Food Preservation is a program designed to assist clients in safely preserving their foods. **Personnel:** Cynthia Fauser, Janet Hackert Kiralfy, Karen From, Linda Rellergert

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:** Rebecca Travnichek

School Wellness - Educate teachers and resource staff about ways that they can comply with the new wellness policies. This program will help educators implement a school wellness policy. **Personnel:** Karen From

Prisoner Re-Entry - To work with the Department of Corrections, parole officers and local organizations to provide a community based support system for offenders re-entering the community from prison. **Personnel:** Don Miller

4-H YOUTH DEVELOPMENT

Program, Description, 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: Julie Schmitt, Ronald Walker

Good Grief Camp - Good Grief Camp is a program for youth who have suffered deaths by deployed parents in the military. This camp will provide group healing and counseling workshops as well as regular camp activities and programs. Personnel: Michele Kroll

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: Annette Deering, Camelia Younger, Dale Hunsburger, Julie Schmitt, Meridith Berry, Ronald Walker

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: Annette Deering, Don Miller, Ronald Walker, Sharen Hunt

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: Meridith Berry

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:** Nancy Coleman

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: Alan Munday, Annette Deering, Debra Davis, Jackie Allenbrand, James Crawford, Julie Schmitt, Kim Mehl, Lisa Prichard, Mary Baumann, Rebecca Simpson

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

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: Annette Deering, Julie Schmitt, Rebecca Simpson, Ronald Walker

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: Annette Deering, Karla Parman, Kim Mehl, Sarah Staude

Empowering Youth Citizens - Youth learn about local, state and national governments and how to actively engage as a citizen. Personnel: Eleanor Kloeppe, Nancy Mense, Rebecca Simpson, Sarah Staude

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: Julie Schmitt

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: Amie Schleicher, Annette Deering, Kim Mehl, Ronald Walker, Shawn Deering

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: Carol Parmenter, Debra Davis

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

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: Annette Deering, Sarah Staude, Teresa Kurtz

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: Doralee Ely, Frank Wideman, Meridith Berry, Michele Kroll

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: Camelia Younger, Eleanor Kloeppe, Mary Patten, Michele Kroll

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: Julie Schmitt