University of Missouri Extension does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin, age, disability or status as a Vietnam-era veteran.
The following educational programs are planned for citizens of Harrison County in the coming year. In some cases, Harrison County residents may need to travel to a nearby county to take advantage of the program offering.

AGRICULTURE AND NATURAL RESOURCES (ANR)

**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.

**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, Kevin Hansen, 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:** Robert Kelly, Mary Sobba

**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

**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:** Kevin Hansen, Wayne Flanary, Julie Abendroth

**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

**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 though educational and outreach activities. **Personnel:** James Quinn, Joseph Koenen

**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:** Robert Kelly, Parman Green
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

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

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 toxisis. The program inspires increased economic development and social viability in rural Missouri. Personnel: 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: Thomas 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

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: Rebecca Simpson, Shawn Deering

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: Shawn Deering

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, Shawn Deering
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:** Kevin Hansen, 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, David Davis, 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:** Diane Kerns, Meridith Berry, Rebecca Simpson, Robert Kelly, 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

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:** Thomas Fowler

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:** Shawn Deering, 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

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

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:** Robert Kelly, Joseph Koenen

**HUMAN ENVIRONMENTAL SCIENCES (HES)**

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

**Energy Management** - educates consumers on an integrated approach to energy efficient buildings and homes. Topics include energy systems, energy conservation and efficiency, alternative and renewable energy systems, weatherization, energy-efficient appliances, insulation, renewable and natural building materials, day lighting, and natural ventilation. **Personnel:** David Davis

**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:** David Davis, Marsha Alexander

**RentSmart** - a consumer education program that stresses information that can help participants succeed as tenants and avoid confrontations and legal hassles with landlords. **Personnel:** David Davis

**Home Maintenance and Care** - assists new and existing homeowners in protecting their investment by learning about basic home repairs, maintenance, life-cycle costs, and routine inspections necessary to successfully keep a home for long term. **Personnel:** David Davis

**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: Challenges and Choices** Program ([http://extension.missouri.edu/bsf](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:** Diane Kerns, Don Miller, Janet Hackert Kiralfy, Lyndell Larkin, Meridith Berry, Robert Kelly, Thomas Fowler

**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:** Mary Dothage, Roberta Jenkins
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

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:** David Davis

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

The Missouri Taxpayer Education Initiative (MoTax) - offers a gateway to financial education through taxpayer assistance. MoTax offers preparation of federal and state tax returns to low-income families and uses this opportunity to emphasize the importance of financial planning management. MoTax is supported by University of Missouri Extension along with federal and local partners. **Personnel:** Rebecca Travnichek

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

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

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:** Deborah Herrold, Janet Hackert Kiralfy, Karen From, Penny Sherman

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:** Janet Hackert Kiralfy

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:** Janet Hackert Kiralfy, 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:** Janet Hackert Kiralfy
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

Prisoner Re-Entry  Don Miller

School Wellness  Karen From

BUSINESS DEVELOPMENT (BD)

Conferences and Training Programs  Mary Horvath

Hotline Calls  Mary Horvath

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: Mary Horvath

DHSS – Starting & Managing a Small Business in Missouri  Chris Thompson, Jacqueline Rasmussen

Web Resources  Mary Horvath

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: Beverly Maltsberger

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

Step Up to Leadership! - Builds the capacity of community-minded people who are wanting to make a difference; willing to assume the responsibilities of board membership; seeking understanding about group processes and the complexities of collaboration; and ready to take on the challenge of leadership. Personnel: David Davis

CECH-Up (Middle School Local Government Education) - Program provides middle school students with the opportunity to learn with local government officials about local government, study and make recommendations on local issues, and take action on local issues facing communities. Personnel: Lyndell Larkin

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:** 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, Lyndell Larkin

**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:** Lyndell Larkin

**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, Connie Mefford, 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

**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

**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

**Extension InfoNet**  Cynthia Zluticky

**Marketing and Media**  Roberta Jenkins

### 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:** 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:** 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

**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 Mundey, Debra Davis, Jackie Allenbrand, 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:** 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:** Karla Parman, Kim Mehl, Rebecca Simpson, Sarah Staude

**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:** Connie Mefford

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

**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:** Kim Mehl, Rebecca Simpson, 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, Karla Parman

**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:** Sarah Staude

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

Livestock Judging and Grading  James Humphrey

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:** Rebecca Simpson

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

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, Rebecca Simpson

Food Science - To increase the knowledge and awareness of Missouri youth about food quality issues. **Personnel:** Julie Schmitt, Ronald Walker

Good Grief Camp  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, Rebecca Simpson