From the Boone County Extension Council:

Boone County Extension is a local link between the University of Missouri and the people of Missouri. The Extension Council was created to work with the University to assist in planning and carrying out educational efforts, to identify concerns of the community, and to make recommendations to the University.

Boone County Extension faced some challenges in 2009. The budget cutbacks which affected all areas of our country and state also had an impact at the county level. With active involvement of Council members, Specialists, and office staff, a goal was set and met to work within a balanced budget yet provide the same quality programs by which Extension is identified. This meant working with reduced office staff, implementing energy cost-saving measures at the Extension Center, depending less on printed materials; instead utilizing websites and e-mail for materials and communication, formation of a Fundraising Committee that has developed a fundraising and pending endowment program which has been used as an example for other non-profit groups, and meeting with county officials, state legislators and MU administrators to stress the importance of Extension.

Boone County Extension has been able to maintain and expand its outstanding activities/programs such as the Town and Country Dinner which fosters a spirit of improved community relations between rural families and Boone County business associates, 4-H clubs which are diversified with projects offered from technology to the raising and showing of livestock, Master Gardeners and Master Naturalists projects including the beautification and maintenance of landscape at the Boone County Extension Center, and promotion of local foods through the Healthy Lifestyle Initiative and Regional Cuisine programs.

Our 2009 Boone County Extension Council which has 20 elected diversified members, three appointed members, and one youth representative is dedicated in finding ways to enrich the lives of the citizens of Boone County.

Thank you,

Charlie Touzeau
Boone County Extension Council Chair

Patsy Watt
Boone County Extension Council Secretary

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Boone County Faculty and Staff

- Vera Massey
  Nutrition & Health Education Specialist
  Co-County Program Director
- Jim Ronald
  4-H Youth Development Specialist
  Co-County Program Director
- Larry Dickerson
  Community Development Specialist
- Kent Shannon
  Natural Resource Engineering Specialist
- Stephanie Femrite
  4-H Youth Development Educator
- Joy Amuedo
  Healthy Lifestyle Initiative Community Assistant
- Julie Casteel
  Sara Placke
  Sandra Zapata
  Nutrition Program Assistant
- Frankie Anderson
  Office Manager
- Patricia Blueitt
  Office Support

Regional Faculty Serving Boone County

- Todd Lorenz
  Horticulture/Agronomy Specialist
- Jim Quinn
  Horticulture Specialist
- Julie Royse
  Family Nutrition Education Program Coordinator
- Art Schneider
  Human Development Specialist
- Mary Sobba
  Agriculture Business Specialist
- Mark Stewart
  Interim Regional Director
- Chris Thompson
  Business Development Specialist
- Jamie Thompson
  Family Financial Education Specialist
Dear Members of the County Commission and the Community:

As we approach the end of another year and the beginning of a new year, I want to thank you for the support you have given to your local University of Missouri Extension Center during these difficult economic times. Your partnership with federal and state government and many other entities through MU Extension has made it possible for:

- Young people to learn life skills that make them contributing, caring members of the community; prepare them with science-based education for higher education and careers of the future; and help them avoid risky behaviors.
- Aspiring entrepreneurs and existing businesses to be more efficient and profitable, thereby helping to strengthen the local economy.
- Farmers and agribusinesses to incorporate new, research-based production techniques and best practices into their operations to improve their bottom line while protecting the environment.
- Families to learn and engage in healthy nutrition, fitness and lifestyle behaviors, which also help them reduce medical costs.
- Firefighters, nurses, law enforcement officers, teachers and others maintain and upgrade their professional skills and certifications.
- Communities to develop local leaders and deal with critical issues in a non-biased, neutral way for the public good.

The funds invested in MU Extension are well-managed. $11 million in county council funds, combined with other public and private funds, allow us to deliver $99 million worth of educational programs statewide. While the methods for delivering educational programs continue to evolve – including the Web, videos, social networking media, print materials and face-to-face meetings – the core of MU Extension’s mission remains:

“... to improve people’s lives, communities and the economy by providing Relevant, Responsive and Reliable Research-based education.”

If you have suggestions for how MU Extension can better serve your needs, please contact me or your local extension center.

Sincerely,

Michael D. Ouart, PhD.
Vice Provost and Director
4-H Clubs and Youth Development
Jim Ronald and Stephanie Femrite

In Boone County, over 2,500 young people participated in University of Missouri Extension sponsored youth programs. 4-H club members learn by doing under the guidance of adult volunteers who donate their valuable time and energy to positive youth development.

There are currently 14 primary 4-H clubs for youth ages 8 through 18 in Boone County with 10 additional Clover Kids clubs for children ages 5 through 7 years old. Over 550 local youth were active members in the 2008/09 4-H year.

In the Boone County Fair, 4-H youth entered over 700 exhibits with 162 exhibits judged to display at the Missouri State Fair, one of the highest levels of participation for counties in the state.

4-H members also competed successfully during the past year in state and national 4-H contests and performed valuable community service:

Three Boone County 4-H members represented Missouri at the National 4-H Shooting Sports Contest in Nebraska and won the National Hunter Skills Team competition.

Amy Wilsdorf of the Woodlandville 4-H Club was elected to State 4-H Council and represented Missouri at the National 4-H Conference in Washington, DC and the National 4-H Congress in Atlanta, Georgia.

Boone County 4-H Clothing Project members made 140 sleepers and donated them to the Neonatal Intensive Care Unit at Columbia Regional Hospital.

4-H members and volunteers helped design and install the furnishings, landscaping and weatherization for a new Habitat for Humanity home recently built in Boone County.

Seven Boone County members received 4-H college scholarships in 2009.

Over 100 youth and family members attended 4-H camps at Camp Clover Point on the Lake of the Ozarks. 4-H Camp is an opportunity for members to learn new skills, make new friends and share their talents in a safe, supportive atmosphere.

To learn more about the Boone County 4-H program, visit: extension.missouri.edu/boone/4H

Missouri Show-Me Quality Assurance Livestock Quality Assurance
Jim Ronald and Stephanie Femrite

Fifty-three Boone County youth attended the Show-Me Quality Assurance (SMQA) trainings held in central Missouri.

The youth participated in activities designed to increase their understanding on why consumer trust is so important and completed worksheets on reading medicine labels and identifying different types of food safety hazards. They also learned about proper drug use and discussed the difference between extra label (legal, veterinary prescribed) and off label (illegal use) medications.

Participants concluded the class by learning about proper injection sites, methods and procedures to use when giving livestock injections. The youth practiced these methods and procedures by giving intramuscular and subcutaneous injections to a banana. Using colored water as the animal health product, they were able to see if they gave the injections correctly when they sliced the banana in two length-wise.

Kids in the Kitchen & Grow Healthy Youth
Jim Ronald and Stephanie Femrite

Kids in the Kitchen encourages young people to eat healthier meals and snacks as a result of hands-on cooking experiences. Youth participants learn to prepare simple, healthy foods that they can make for themselves and their family members.

Each lesson includes kid-friendly handouts such as recipes and tips for how to use kitchen equipment safely. Group physical exercise is also included.

Current Kids in the Kitchen program delivery partners and number of youth currently participating are:

FUN City Saturday Program
63 youth ages 5 – 13

Services for Independent Living
18 youth ages 5 - 16

Centro Latino
15 youth ages 6 - 15
**Kids in the Kitchen & Grow Healthy Youth -continued**

The **Grow Healthy Partnership** youth coalition was formed in Boone County in 2009 and supports school-based experiential learning programs that:

a) bring local farmers to the classroom to teach how food staples are grown and produced,

b) build garden plots, raised beds, and/or hoop houses on the school grounds and teach horticultural skills and concepts,

c) teach students how to cook healthy recipes using local food ingredients,

d) create arts and crafts projects featuring local food staples, and/or

e) initiate school composting programs including vermiculture.

Schools participating in these activities during 2009 included:
- Benton Elementary in Columbia (Fourth Grade)
- Lee Elementary in Columbia (Third Grade)
- SoBoCo Learning Garden afterschool

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**Healthy Lifestyle Initiative:**

**Making the Healthy Choice the Easy Choice**

**Vera Massey, Nutrition & Health Education Specialist**

**Joy Amuedo, Healthy Lifestyle Initiative Community Assistant**

The MU Extension Healthy Lifestyle Initiative (HLI) is working to create healthy communities that support the availability of healthy, affordable, locally-produced food and safe, accessible physical activity areas.

Another important goal of this project will be helping assist local stakeholders in creating policies and environments that will support healthy lifestyle choices.

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**Healthy Lifestyle Initiative -continued**

The formation of the Grow Healthy Columbia/Boone County Partnership (GHP) is one of the HLI projects. The GHP includes more than 40 community members and representatives from a number of different agencies and groups.

The mission of the partnership is connecting people and organizations to share resources and information so ALL residents of Boone County have access to healthy, locally grown food.

The partnership goals have focused on enhancing communication and increasing networking opportunities for organizations and community members interested in increasing access to healthy, locally produced foods through bimonthly meetings and monthly newsletters.

The partnership provides opportunities for:

a) individuals to increase their knowledge and skills related to growing, finding, using and preserving local foods;

b) youth to learn about gardening and local foods;

c) residents to increase access to community gardens; and

d) citizens and businesses to increase fresh food donations to local food pantries.

Another project of the HLI, in collaboration with the Columbia/Boone County Department of Public Health and Human Services, was the Boone County Healthy Lifestyle Survey. More than 2,000 Boone County adults and youth participated in the survey. Survey results can be found at:

http://extension.missouri.edu/healthylife/Boone.htm

To learn more about the HLI project, check out:

http://extension.missouri.edu/healthylife/
Home Food Preservation
Vera Massey, Nutrition & Health Education Specialist

2009 Annual Report
University of Missouri Extension—Boone County

Home Food Preservation was a hot topic in 2009. More people are interested in preserving food at home again, through canning, freezing or drying.

This renewed interest in home food preservation appears to be related to an increase in home gardeners, who want to preserve what they grow; the local foods movement, which has encouraged consumers to purchase and eat more local produce; and the economy, which has consumers exploring ways to become more thrifty.

While cooking might be considered an art, food preservation is a science. Using current research-based practices and techniques is critical to ensure the preserved products are of high quality and safe to eat.
In an effort to reach consumers with the most up-to-date food preservation information, a variety of educational opportunities were offered by MU Extension:

More than 260 individuals in central Missouri were assisted with their food preservation questions through phone calls, e-mail, or at a Columbia Farmer's Market booth.

Mass media efforts were used to reach individuals through program segments on area television stations; interviews on area and statewide radio stations; and feature news stories in local newspapers.

Eight food preservation workshops were held in Columbia, with 184 participants from Boone, Callaway, Cole, Cooper, Howard, Randolph, Selby and Jackson counties.

The food preservation workshop participant surveys indicated that prior to attending the workshops:

- 20% had no experience in preserving foods
- Participants rated their food preservation knowledge and skills level as: 23% none, 39% a little, 35% some, 3% a lot/great deal
- Primary reasons for wanting to preserve foods were: 82% personal satisfaction, 78% better quality produce, 77% control over ingredients in product, 66% prevent waste of excess produce, 55% save money.
- 78% have used the National Center for Home Food Preservation website, www.uga.edu/nchfp, and other recommended reputable websites (prior to the workshop only 37% had used the internet as a resource and some had not been using research-based sites).
- 85% had preserved foods—methods used: freezing (85%), water bath canning (51%), pressure canning (8%), drying (15%)
- 100% shared the food preservation information/skills/resources they received with others

Program participants shared many positive comments about the workshops. Here is a sampling of what they had to say:

- “These were great workshops. They really took the scariness out of canning.”
- “Loved the classes and definitely gave me confidence to preserve foods.”
- “Seeing actual demonstrations of how to preserve the foods versus just talking about how to do it was SO helpful. I need to see to learn. Thanks!”

Family Nutrition Education Programs (FNEP)
Julie Royce, FNEP Coordinator

University of Missouri Extension Family Nutrition Education Programs (FNEP) reached 1,450 low-income participants in Boone County during 2009.

Sara Placke, Nutrition Program Assistant, presented a series of nutrition education classes to students in Columbia’s Blue Ridge, New Haven, Parkade, Lee, Rock Bridge, Shepard, Benton Elementary Schools, Douglass High School, the Juvenile Justice Center and Sturgeon Elementary and Middle School.

Show Me Nutrition Education for youths provides information in kid-friendly terms and lessons with hands-on activities. Activities include opportunities for taste-testing healthy foods and practicing skills that lead to good health.

Shepard and Blue Ridge Elementary hosted Food Power Adventure, a K-5th grade program that teaches students the importance of healthy eating. This interactive exhibit experience takes children to the farm to learn where food comes from, and into the human body to learn how it gives them energy to grow and play.

Evaluation data collected across the entire state reflects the positive impacts that occur in every county with FNEP. For youths who participated, results summarized for the state revealed the following positive impacts:

3,411 teachers gave us feedback. 99% (3,375 teachers) reported one or more changes in students after programming.
Family Nutrition Education Programs (FNEP) - continued

<table>
<thead>
<tr>
<th>Student changes reported by teachers</th>
<th>Percent of teachers who observed each type of student change</th>
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<tbody>
<tr>
<td>More aware of nutrition</td>
<td>91%</td>
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<tr>
<td>Make healthier meal and/or snack choices</td>
<td>62%</td>
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<tr>
<td>Eat breakfast more often</td>
<td>46%</td>
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<tr>
<td>More willing to try new foods</td>
<td>73%</td>
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<tr>
<td>Improved hand washing</td>
<td>86%</td>
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<tr>
<td>Improved food safety other than hand washing</td>
<td>38%</td>
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<tr>
<td>Increased physical activity</td>
<td>59%</td>
</tr>
</tbody>
</table>

Julie Casteel and Sandra Zapata, Nutrition Program Assistants, provided adult lessons from *Steps to a Healthier You* to 137 families in Boone County.

Nutrition education and food safety classes and food demonstrations were held at the Boone Co. Health Department - WIC, Salvation Army, McCambridge Women’s Shelter, Oak Towers, Centro Latino and in participant’s homes.

For adults who participated in programming, results summarized for the state revealed the following:

- 81% of graduates improved how they managed their food dollars
- 87% of graduates made healthier food choices
- 77% of graduates demonstrated acceptable food safety practices
- 94% of graduates made at least one improvement to their diets to more closely align with the USDA Dietary Guidelines

Grandparents Raising Grandchildren

Art Schneider, Human Development Specialist

According to the 2000 Census, there are 2,719 grandparents primarily responsible for raising their grandchildren in the Central Missouri Extension Region. The Central Missouri Grandparents Raising Grandchildren is an enrichment group that meets monthly with facilitation provided by MU Extension.

Distances limit opportunities for grandparents to attend the sessions, so Art Schneider maintains the Central Missouri website for Grandparents Raising Grandchildren:

[http://outreach.missouri.edu/cooper/cyf/grandparents_raising_grandchildren.htm](http://outreach.missouri.edu/cooper/cyf/grandparents_raising_grandchildren.htm)

Boone Co. Offender Re-Entry Network

Art Schneider, Human Development Specialist

Art Schneider represents MU Extension on the Boone County Offender Re-Entry Network (BCOTN) task force to assist offenders and their families make the adjustment from incarceration to integration into the community.

Recent task force accomplishments include:

- Received a space allotment for educational programming for the Re-Entry Opportunity Center (ROC) in the Missouri Social Services building in Columbia.
- Recent programs have included Pathways to Change, Impact of Crime on Victims, Substance Abuse Assessments and the Transitional Assistance Group.
- All programs offered at the ROC have been at no charge to ex-offenders.
- 150 area individuals have participated in the Reentry Awareness Workshops.
- 3,000 Reentry Resource guides were distributed
- Several new transitional homes were opened

Additional information is available on the BCOTN website: [http://bcotn.org/index.htm](http://bcotn.org/index.htm)
Master Gardener Program
Kent Shannon, Natural Resource Engineering Specialist

The mission of the Heart of Missouri Master Gardener program is “helping others learn to grow.” The program provides in-depth horticultural training to volunteers who then apply what they have learned to help others in Boone County.

In 2009, 37 new graduates completed the 12-week training program. Following graduation, Master Gardeners volunteer at least thirty hours per year in a variety of community service activities including leading workshops, landscaping at public spaces, working with school gardening programs, and assisting with exhibits.

Master Gardeners reported a total of 2,359 hours of service for Boone County in 2009 directly reaching over 4,200 residents.

Highlights of 2009 included assistance to nine Habitat for Humanity families planting trees and shrubs through donations by Superior Garden Center and the Metro Rotary Club. Master Gardeners also provided four editions of the seasonal gardening tips newsletter as well as Extension guide sheets to 90 Habitat families.

The program continued its work with The Intersection youth afterschool program in Columbia. The young participants enjoyed getting their hands in the dirt and learning about how to grow tomatoes, peppers, broccoli, zucchini, lettuce, sunflowers, and sweet potatoes.

A total of 2,125 pounds of food was donated for Plant-A-Row for the Hungry this year. The Master Gardener Hot Line was also expanded in 2009 and serves as a rapid response team to answer questions during the growing season from April to August. This year seventeen local Master Gardeners volunteered to answer questions from more than 50 local citizens.

Master Naturalist Program
Kent Shannon, Natural Resource Engineering Specialist

The Missouri Master Naturalist Program is a natural resource education program composed of a corps of well-informed volunteers providing education, outreach and service for the beneficial management of our natural resources. The local Boone’s Lick Chapter of the Missouri Master Naturalist program was formed in 2004 and represents a partnership between the Missouri Department of Conservation and University of Missouri Extension.

In 2009, there were 21 graduates of the 15 week training course. A total of 54 chapter members reported 3,268 hours of volunteer service. Volunteer projects included bird, butterfly and bee counts at the Big Muddy Wildlife refuge, restoration work at Prairie Fork, raptor rehabilitation at MU, stream team monitoring and clean-ups, and treekeeper activities for the city of Columbia.

Commercial Horticulture
James Quinn, Horticulture Specialist

Through a grant from MU’s ‘Plant Protection Program’ a field day was held at the Bradford Research and Extension Center in mid July to demonstrate plot results. Twenty-one attended with the following counties represented- Boone, Audrain, Cole, and Morgan.

The 10th Annual Central Missouri Vegetable and Greenhouse Tour was held in August with 98 attending! It is held in Morgan & Moniteau counties, and co-sponsored by the Missouri Vegetable Growers Association and the Central Missouri Produce Auction with growers attending from Boone and other central Missouri counties.

Greenhouse Industry: Two outreach educational events are conducted in Columbia every year, including Greenhouse School in February and the Greenhouse Short Course.

MU Turf and Ornamental Field Day is held annually in July and is the largest MU horticultural field day focusing on issues for industry professionals including growers, business owners, and contractors.

Community Food Systems
The 4th Annual Fall Round-up sponsored by the Columbia Farmers Market included MU Extension presentations on soil fertility and plant nutrition.
Commercial Horticulture - continued

Wine Grapes: Three ‘Gardener Vineyard Tours’ were conducted in Boone County in 2009. Les Bourgeois near Rocheport was our host with a combined attendance of over 60. Comments from those attending were:

“I’ve been on vineyard tours in France, Germany, UK, Ukraine, Turkey and Italy- this is by far the best. Very educational."

“We gleaned much helpful information we’ve already put to use! “

“The physical/hands on and demonstration with lecture was great. Enjoyed the Q&A with both the tour leader at lunch and the vineyard manager during the tour.”

Residents from Central Missouri counties interested in starting a vineyard or needing cultural recommendations, can request a site visit from a trained horticulture specialist.

Agricultural Engineering Programs -continued

For the past six years, Kent Shannon has worked with the University of Missouri Bradford Research and Extension Center in creating their very own corn maze for the education and use of students and nonprofit groups in Boone and surrounding counties. Hundreds of folks have taken advantage of the maze.

The corn maze is cut out using Global Positioning (GPS). Coordinates of each corner of the corn maze must first be recorded. The maze is then computer drawn and incorporated into the GPS system.

As a spinoff of using corn mazes to provide GPS technology education, GPS was used to help break a world record by laying out a giant 4-H clover in the infield of the racetrack at the Missouri State Fairgrounds as part of the Mentos Fountain Launch.

On Aug. 22, 2009, thousands of Missourians launched 2,211 fountains powered by Mentos and soda at the Missouri State Fair in Sedalia in an attempt to break the world record for such an event. Volunteers, including University of Missouri Extension 4-H kids, took part in the event that also provided a valuable science lesson. You can check the launch out at: http://www.youtube.com/watch?v=VtK0x1PRO00

Another example happened with Southern Boone Schools in using GPS technology to design a cross country running course by incorporating the shape of the school’s mascot, an eagle. This has been a community education activity supported by the Ashland Optimist Club.
Agricultural Engineering Programs - continued

Precision Ag Technologies Delivered to Clientele in a Variety of Methods

Precision agriculture technologies continue to be of interest to producers and agricultural businesses. Efforts in delivering education to citizens have involved one-on-one consultations, on-farm research, and traditional face-to-face meetings.

Featured topics have included: fine-tuning fertilizer recommendations, updates and demonstrations on the latest precision agriculture technologies, and techniques for utilizing precision agriculture to conduct on-farm research.

As part of extension programming efforts, more than 23% of growers have moved to variable rate applications. On-farm research has provided a very effective method for delivering real life education to producers and agricultural businesses.

With the collaboration of fellow Central Missouri Regional extension specialists, 2009 started Year One of a project entitled, Enhancing Forage Fertility Management Using Precision Agriculture Technology. A field day was held in August with over 40 producers in attendance to hear about the research and demonstration project.

One of the major outcomes of the project was a potential savings of $8.00 per acre in fertilizer costs will maintain forage yield when using precision agriculture sensors have been used on 128 on-farm demonstrations in Missouri from 2004-2009.

In 2009, four of 35 demonstrations were located in central Missouri. Sensor-guided nitrogen rates were, on average, 23 lb N/acre less than normal producer N rates for 2004-2007 demonstrations while, on average, no yield was lost.

If this technology was adopted on 25% of U.S. corn acres with similar results, it would save 534 million pounds of nitrogen (~$374 million). This would equate to and energy savings of 13 trillion BTU’s annually. Averaged over all demonstration fields, nitrogen removed by the crop was equal to nitrogen fertilizer applied.

Community & Economic Development

Larry Dickerson,
Community Development Specialist

Community Development includes working with local communities on holistic approaches to planning and visioning, training in community development, and working on specific community issues. Highlights include:

Rocheport 2020 visioning, community planning and review of community indicators for community health. 30 community members took part in multiple community meetings to monitor progress toward the community vision and protecting treasured community values, places and traditions. Programs designed and facilitated by Extension staff and VISTA workers.

Columbia Visioning- Extension staff reviewed progress and asked to provide input on implementation of the visioning process for the City of Columbia.

Hartsburg Community Planning – Extension staff met with city officials of Hartsburg to plan for a community visioning process and to coordinate these efforts with the Mid Missouri Regional Planning Commission.

Boone County Grow Healthy Project – Extension staff designed and implemented planning meetings to provide focus and the mission for this county project.

Columbia Neighborhood Congress – Local Extension participated in this City of Columbia sponsored effort and provided feedback on evaluation and format for future meetings.

Emergency Management – Boone County Extension staff participated in the City/County Health Department emergency management team.

4-H visioning for the future was led by Extension faculty for the Boone County 4-H Council, youth members and interested parents of 4-H members.

VISTA volunteer training – nine VISTA volunteers were trained in basic community development skills to help them in their work with Boone County communities. Program was designed and implemented by Extension faculty.
Community & Economic Development - continued

**Organizational Development** – The efforts in this area focused on helping local community based organizations become more effective, efficient and productive organizations. Materials were produced and updated in nine areas of organizational development including board duties, strategic planning, fundraising, grantsmanship, volunteer management, advocacy, problem solving, process design, and marketing on a zero dollar budget.

Board Duties and Responsibility workshops were presented to the Columbia Farmers Market, Columbia Access Television, Boone County historical Society, Court Access Support Association, and KOPN Radio boards, resulting in members being much more aware of their responsibilities as a board member. Over 100 board members of local organizations were reached through these training sessions.

**City of Columbia Office of Neighborhood Assistance Planning** – Local Extension faculty designed and facilitated a session to assist the new Office of Neighborhood Assistance in identifying and planning for all the functions, services and programs they will provide for City of Columbia residents.

**Leadership Development** – This area provided for the training and development of leaders in Boone County. Two major programs were conducted:

- **Leadership RAP** – Leadership RAP conducted three sessions at the Boone County Juvenile Justice Center this past year. Extension faculty provided them with skills to assist them in becoming productive citizens. This year Extension faculty also provided training to staff at the facility as they transition to take over the program themselves. Leadership Rap has now become an integral part of the Juvenile Justice Center’s program for youth offenders.

- **Columbia Neighborhood Leadership Program** – This was the first year of this program conducted by the City and facilitated by Extension faculty. An unqualified success, Extension faculty provided for evaluation and recommendations for the 2010 version. Extension will play an expanded role in the 2010 program, providing opportunities for more networking and discussion among the participants.

Community & Economic Development - continued

**Economic Development** – This area of work focuses on assisting communities in building and sustaining local economies based on the assets and resources of the community.

The major effort in this area was developing a program called the “E’s of Economic Development” that assists a community in identifying its assets, resources and opportunities for economic development. This was used in Rocheport and also other communities in the central Missouri area.

**Business Development**

**Chris Thompson,**
**Business Development Specialist**

As entrepreneurs and innovators, Missouri’s small businesses are becoming a more diverse group that continues to make the state’s economy productive. There are approximately 500,000 small businesses in Missouri. Nearly 98 percent of all businesses with employees are categorized as small businesses. In assisting the owners and managers of those businesses, MU Extension contributes to a county’s economic development through growth in jobs, sales, innovation, technology development and commercialization.

In Boone County during 2009, business development program specialists and business counselors with MU Extension, Missouri Small Business & Technology Development Centers Missouri Procurement Technical Assistance Centers, Missouri Environmental Program, Missouri Career Options Project, and the Missouri Market Development program served 442 people and their companies with business start-up and management counseling, training, and other assistance.

In addition, entrepreneurs and business owners in Boone County reported the following economic impact and activity as a result of the services provided by the MU Extension Business Development Program:

- 147 new jobs
- 21 jobs retained
- $4,906,151 of increased sales
Business Development - continued

- $45,213,844 in government contracts
- 14 new businesses
- $1,112,000 of business loans and investments
- $1,138,900 in acquired assets:
- 293 clients or companies receiving business counseling

Local business development support in Boone County is provided primarily by the University Center of Innovation and Entrepreneurship, located in the College of Engineering. Overall, the University of Missouri’s Business Development Programs served 29,423 people and their businesses state-wide. The total impact for all businesses assisted was:

- 7,209 new jobs
- 2,913 jobs retained
- $135,921,024 of increased sales
- $256,800,000 in government contracts
- 273 new businesses
- $138,823,077 in business loans and investments
- $63,048,551 of acquired assets
- $20,007,617 in Small Business Innovative
- 4,374 clients or companies receiving business counseling

Financial Planning Programs

Jamie H. Thompson,
Family Financial Education Specialist

Safeguard Your Savings: Money is an important resource or tool we use to make our way in the world and help ourselves and our families to reach our goals in life. Just like any tool, it’s important to learn how to use money properly to ensure you and your family will be financially safe.

Fifty-four participants from Boone, Cole and Callaway counties attended saving and investing programs in 2009. Key concepts included saving and investing:

- Understanding the financial markets
- Making sound financial and investment decisions

Financial Planning Programs - continued

- Selecting among the various saving and investment options
- Recognizing and victim-proofing yourself against investment fraud

Participant comments included:

“I wish I had more financial training when I was younger. I would like my children to attend.”

Who Gets Grandma’s Yellow Pie Plate? Everyone has property to transfer. Each of us has personal belongings—and many that have meaning, not only to us but also family members.

What happens to our personal belonging when we die? This is an issue that is so often ignored—until a crisis occurs.

Fifty-nine participants from Boone, Cole, and Callaway counties attended programs in 2009 and topics discussed included:

- the sensitivity of transferring personal property,
- fairness within the family,
- identifying special objects to transfer,
- distribution options and consequences, and managing conflicts if the arise.

How Do You Envision Your Retirement? We no longer think of retirement as spending our days in our rocking chair on our front porch. We now have the opportunity to “re-create” our lives as we would want it. The key to creating and experiencing a satisfying retirement is planning.

Thirty-one participants from Boone, Cole, and Callaway counties attended two classes provided by Columbia Regional Hospital and University Hospital. Topics discussed included:

Where will I live?
What is my retirement lifestyle?
Where will the money for my retirement come from?

These are the questions we need to ask ourselves TODAY. Retirement takes planning.
Boone County Extension Council  
Financial Report  
For the Year Ending  
December 31, 2009

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**Total Income:** $173,278.57

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<td>Telephone Service</td>
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<td>Advertising</td>
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<tr>
<td>Rent/Lease Equipment/Other</td>
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<tr>
<td>Supplies</td>
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<tr>
<td>Professional/Other Contract Services</td>
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<tr>
<td>Utilities</td>
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<tr>
<td>Insurance</td>
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<tr>
<td>Professional Development</td>
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<tr>
<td>Soil Test Expenses</td>
<td>1,978.00</td>
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<tr>
<td>Publications for Resale</td>
<td>2,661.26</td>
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<tr>
<td>Repairs/Maintenance</td>
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<tr>
<td>Miscellaneous</td>
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<tr>
<td>Furniture/Equipment</td>
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**Total Expenses** $165,275.07
Financial Planning Programs -continued

Protect Your Credit Score! What is a credit score? How does it affect your credit? What goes into your credit score?

Workshop participants learn about credit; how to use it effectively, how to get an Annual Credit Report free of charge, how to read the credit report, how to build good credit and maintain good credit, and how to repair credit.

Nineteen participants from Boone and Cole counties attended classes. In addition to credit, setting goals and budgeting were also addressed. As stated by one attendee:

“I plan to write my goals out and work to achieve them in my allotted time.” “What I need to do now is contact Consumer Credit Counseling.”

Additional Boone County Extension Programs

The Boone County Extension Center is the “front door” to the University of Missouri and additional programs and services in 2009 included:

• 123 soil tests were processed for farmers, gardeners, and home owners.
• 35 private pesticide applicator certifications/ recertifications were administered for farmers.
• 15,900 newsletters were mailed or e-mailed to individuals, families, and farmers, including: Ag Connection, Master Gardener, Master Naturalists, 4-H News & Happenings, Stay Strong Stay Healthy, Healthy Kids.
• More than 1,000 publications were provided in response to inquiries on topics such as horticulture, agriculture and nutrition and food safety.
• Stay Strong, Stay Healthy Programs
• Making Healthy Food Choices workshops
• Feeding Young Children workshops
• Displays at Health Fairs: Stay Strong, Stay Healthy and Making Healthy Choices
• Healthy Start: Preschool Health Education project implemented in childcare centers.
• Jump Into Action: Diabetes Prevention for Youth program implemented in elementary schools.

Additional Boone County Extension Programs -continued

• Food Power exhibit at elementary schools
• Focus on Kids workshops for divorcing parents
• Town & Country Event
• Forage Nitrate Testing

MU Center for Distance and Independent Study: website:  http://cdis@missouri.edu

MU Direct: Continuing and Distance Education website:  http://mudirest.missouri.edu


MU Extension Law Enforcement Training Institute website:  http://leti.missouri.edu

The Missouri Training Institute website:  http://mti.missouri.edu

Our Mission

Using science-based knowledge, University of Missouri Extension engages people to understand change, solve problems and make informed decisions.

“Equal opportunity is and shall be provided to all participants in Extension programs and activities, and for all employees and applicants for employment on the basis of their demonstrated ability and competence without discrimination on the basis of their race, color, religion, sex, sexual orientation, national origin, age, disability, or status as a Vietnam-era veteran. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations or military organizations associated with the armed forces of the United States of America.”