



UNIVERSITY OF MISSOURI EXTENSION

Randolph County

2019 ANNUAL REPORT



Office of Extension
and Engagement
University of Missouri

**OFFICE OF THE VICE CHANCELLOR
FOR EXTENSION AND ENGAGEMENT**

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December 5, 2019

Dear county commissioners and friends of MU Extension,

I had the good fortune to catch up with some of you this past fall as I traveled the state to share the University of Missouri's Extension and Engagement vision and plan for the coming years. What a pleasure it is to serve this state we call home.

As you know, we've listened closely to Missourians' needs, restructuring our faculty and program delivery to better serve people and communities. With this reset nearly complete, we're better positioned to work together to strengthen our state's economy, increase Missourians' access to meaningful education and workforce development options, and improve our citizens' health and well-being.

MU Chancellor Alex Cartwright often calls us the University *for* Missouri. In very real terms this means that MU Extension is leading efforts to connect the university's powerful research, knowledge and science-based information with our state's diverse needs and local efforts to address them.

Whether you're a farmer researching the latest profitable grazing practices, a 4-H leader developing after-school robotics programs with local schools, or a community leader helping people formerly addicted to opioids return to productive work, you deserve the very best MU Extension and university engagement efforts have to give. As a comprehensive university, we can be uniquely responsive. We have schools of medicine, nursing and health professions, for instance, to support health care in rural communities, a law school clinic that helps veterans qualify for the benefits they deserve. MU education students become the teachers who enrich children's lives in nearly every school district in the state. We are here for you and with you.

Together, we can make lasting impacts. That's why in this new year we are focused on growing and leveraging local partnerships, expertise and resources. With 110 of 115 county engagement specialist positions filled — and renewed focus on responsive program development — we are ready to go.

As the first public university west of the Mississippi River, our land-grant roots run deep through Missouri's heritage and history. They help chart our future, too: What can we do to make our state better? How can we think and do different?

I know you will be proud to see your own communities' successes in the pages of this year's county annual report. On behalf of all of us at MU Extension, I look forward to your thoughts on how we can best lead, serve and grow through the year ahead.

Sincerely,

Marshall Stewart

Our Extension Council:

The Randolph County Extension Council, comprised of elected and appointed citizens, is a full partner with Missouri's land-grant universities to deliver high-quality education and research-based information that helps people solve real-world problems and take advantage of opportunities.

Our council consists of 9 elected positions and 6 appointed members. The appointed members are from the Randolph County Farm Bureau, Randolph County Commissioners, City of Moberly, EXCEL, Master Gardeners, FCE, and 4-H.

Council members;

- ◆ Work with Extension specialists to provide the county educational programs
- ◆ Manage finances of local Extension operations
- ◆ Provide personnel to carry out Extension activities
- ◆ Elect and organize the local Extension Council

The Randolph County Extension Council, backed with the educational resources of the University of Missouri, provides services, programs and classes on a wide range of topics from traditional agriculture and gardening to business development, child care and volunteer engagement, among others.

The Council also engages in many civic and community activities. The Randolph County Extension Council is always ready to improve our community and help the residents of our county.

We would like to thank everyone who has been supportive of MU Extension in 2017. We look forward to an exciting 2018!

2019 Council Members

Elected

Roy Morales (Chair), Kim Buckman (Secretary), Theresa Hyatt (Treasurer), Brandon Krapfl, Maria Moyer, Troy Link, Andrea McKeown, Travis Mitchell, Thomas Powell, Linda Bondy.

Appointed

George Albert- City of Moberly

John Truesdell- Randolph County Commissioner

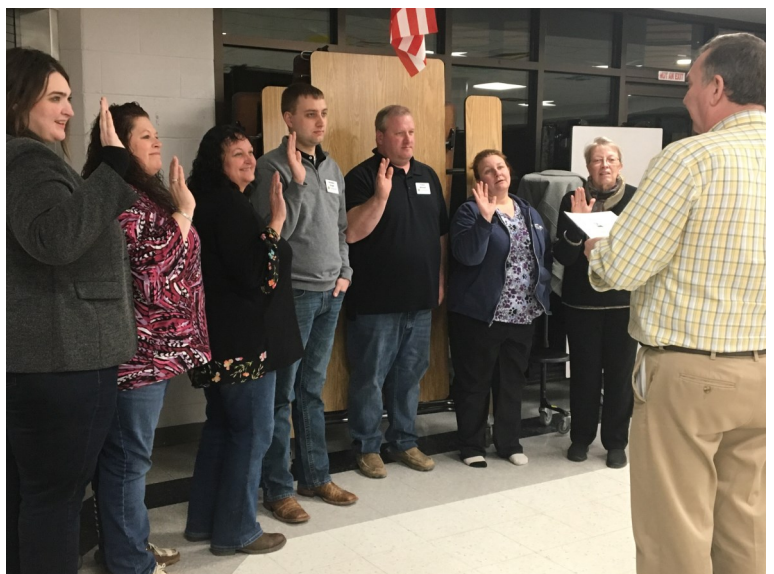
Amber Baughman, 4-H (Vice-Chair)

Betty Mayo-FCE

Shirley Sluising-Master Gardener's

Scott Winkler-Randolph County Farm Bureau

Barb Riley- EXCEL



Educational Excellence

Jason Morris, 4-H Youth Specialist
Lyann Ritter, Youth Program Associate
Program Area: 4-H

In 2019 Randolph County 4-H was a community of 131 active youth members, 61 adult volunteers, and 19 youth volunteers.

Randolph County 4-H served youth through 5 organized clubs, school enrichment, camps, and the many 4-H lead and community events that our members participate in.

The youth of Randolph County demonstrated leadership skills and advanced learning by serving as Camp Counselors, participating in 4-H Congress, Teen Conference, and representing our County in many State events including showing, speaking, and demonstrating at the State Fair. We also have several youth that serve as Jr. Leaders serving our community and leading our Clover Kid Events.

Our Clubs served our community in many different ways this past year. They cleaned up city landscaping, and highways. Planned Holiday giving for Nursing homes and Senior Housing. Several clubs came together and raised money on Make a Difference Day for a local organization. Volunteered at the Community Kitchen, and planted two Liberty Trees in our County.

We promoted 4-H by participating in town parades, and decorating windows during National 4-H Week. We also made the schools aware of 4-H by introducing new STEM projects and speaking at assemblies.

131...

**participants in 4-H activities
in 2019**



Educational Excellence

JEREMIAH TERRELL, M.Ed.

PROGRAM AREA: HUMAN DEVELOPMENT & FAMILY SCIENCE

PROGRAM: BUILDING STRONG FAMILIES

The Building Strong Families: Challenges and Choices program helps families find their strengths, build on those strengths, and learn skills to create stronger families, improve relationships, and increase positive communication. This program had 72 contacts in Randolph County and was done in partnership with Randolph County Caring Community Partnership.

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Educational Excellence

Jennifer Schutter-Barnes, Horticulture Specialist Program Area: Horticulture

In 2019, Randolph County Master Gardeners completed 613.75 volunteer hours. Of this, 530 were service hours with a value of \$13,477.90, using the value of \$25.43 per volunteer hour from the Independent Sector. They are required to complete 6 hours per year of continuing education, which totaled 83.75 hours for the Randolph county Master Gardeners. During the year they were involved in many projects throughout the county. Some of these included: being a guest on the greenhouse KWIX radio show and answering questions from the public; maintain beds including the miniature railroad garden and maze garden in Rothwell Park in Moberly; meeting with an irrigation specialist to get a bid to install irrigation on the beds; hosting a plant sale in Moberly; putting together a gardening display each month at the Little Dixie Library in Moberly; attending a meeting at the Jacksonville Veterans Cemetery to discuss design plans for a butterfly garden; public consultations and much more. On April 22, two Master Gardeners represented Randolph county at the Governor's Tea at the Governor's Mansion in Jefferson City. In June, a Randolph county Master Gardener attended the state conference held at the University of Missouri in Columbia. In the fall of 2019, one Randolph county resident completed the 12 week Master Gardener training course. She has already joined the chapter and is working on her hours.

In April, 11 Randolph county residents attended a “week identification and control” program in Moberly. Other horticulture programs attended by Randolph county residents included a garlic production workshop in Kirksville and a regional vegetable tour in Audrain county. Participants learned tips, techniques and information they can use at home or in their growing operation.



Educational Excellence

Karisha Devlin, Darla Campbell, Brent Carpenter, Tracie Moore—Agricultural Specialist

Program Area: Agricultural

Farm, Family & ME— Summit for Women

A total of 54 participants attended the conference from around the state. The breakdown by county is as follows: Adair-1, Atchison-2, Audrain-1, Bates-2, Boone-4, Callaway-1, Cass-1, Chariton-1, Cole-7, Dade-4, Dallas-1, Daviess-1, DeKalb-1, Grundy-1, Holt-2, Johnson-1, Knox-4, Lafayette-1, Linn-1, Livingston-1, Marion-1, Miller-1, Morgan-1, Ozark-2, Polk-4, Pulaski-1, Randolph-1, Shelby-2, Webster-1, Kansas-2.

When you support the University of Missouri Extension Women in Agriculture programs, farm women participating in educational activities become better decision makers and business partners; empowering them to respond to the challenges of farming and leading to increased farm profitability. Missouri citizens benefit from a more vibrant and sustainable rural economy and greater food security.

Annie's Project

8 participants

(Chariton -5, Macon-2, Randolph -1)

Provides farmwomen with the knowledge, skills, and abilities to make informed risk management decisions regarding their farm business operations. Topics included: risk management, record keeping software, ownership of property, insurance, financial statements, spreadsheets, writing a business plan, estate planning, leases, marketing, communication issues, and personality traits.

Mary Sobba—Agri-Business Specialist

Program Area: Agri-Business

MU Extension Tax School

During 2019, University of Missouri Extension ag economics department and regional ag business specialists worked together to coordinate two summer and six fall tax schools. The schools were designed for those who prepare taxes including: enrolled agents, tax preparers, CPA's, individuals and attorneys.

The training included updates on the Tax Cuts and Jobs Act legislation, rulings and cases, individual taxpayer issues, agricultural and natural resources topics, IRS rules and regulations, business issues, retirement issues, cybersecurity, limited liability companies, trusts and estates, religious organization tax issues, and ethics. The schools were approved for 8 hours of continuing education credit by the IRS, Missouri Bar and for CFP continuing education. Total continuing education hours reported to IRS for the schools was 2,955 hours.

There were 8 participants from Randolph County.

The teaching teams included a CPA and former IRS employee, an IRS certified retired ag economics professor, an attorney and a regional extension ag business specialist.

The trainings received positive evaluations and planning is underway to offer additional trainings in 2020.



Healthy Futures

Candace Rodman– MSR, CES in Nutrition & Health

Program Area: Nutrition & Health

Introduction: Around the state, Extension has been changing things up, and with a new model for serving the State, new roles and specialists were introduced in most counties. Candace Rodman began serving Randolph, Macon and Linn counties as the Nutrition and Health specialist in early 2019.

Living a Healthy Life with Chronic Conditions:

Through a grant with Regional Arthritis Center, Candace and Human Development and Family Science Specialist, Jeremiah Terrell, were able to provide a free chronic disease program to the residents of Meadow Ridge Senior Living Center. 40 contacts learned the tools necessary to self-manage while living with any chronic disease.

Stay Strong, Stay Healthy: This strength training program for older adults has shown great results in fall prevention and general health. Candace made 65 contacts at the Towers in Moberly and 67 contacts at the Community Room in Huntsville over two 16 week programs starting in June and September. Candace was also selected to help a research team with SSSH on campus for Tier 1 accreditation.

Food Preservation; Canning 101: Randolph County Health Department was gracious enough to let Candace into their kitchen to teach a pressure and water-bath canning class to a small group of 4 in September.



Canning Sweet Treats

Tai Chi for Arthritis and Fall Prevention: Starting in August, Candace had over 160 contacts teaching Tai Chi in downtown Moberly. This class works on the slow intentional movements that help strengthen each joint in the body to help ease arthritis pain and strengthen the body for fall prevention.



Participants practicing Tai Chi

Cooking Matters: Margie Lee, Randolph County Nutrition Program Associate was able to help Candace teach a class on the importance of nutrition and cooking healthily with over 34 contacts.



Last day of Cooking class shopping

Healthy Futures

University of Missouri Extension's Family Nutrition Program (FNP) reached 1,631 participants directly and 48,870 indirectly with nutrition education in Randolph County during 2019 a significant percentage of which were low income. FNP provides information on nutrition, food safety, and physical activity for lifelong health and fitness by working with qualifying schools, community groups and agencies.

The Family Nutrition Program (FNP) brought \$9,595,006.00 federal funds to the state of Missouri. These funds were used to provide nutrition education to 897,375 Supplemental Nutrition Assistance Program recipients and eligible citizens of Missouri. There were 3,283,220 contacts. This year we had 2,578,418 indirect educational contacts. Indirect contacts are reached through newsletters, health fairs, food pantries and the Show Me Nutrition help line. **50,501** of these participants reside in Randolph County.



Margie is teaching a Show Me Nutrition lesson from the Choices and Challenges curriculum to middle school students.

Nutrition Program Associates (NPA's) go into schools and other grant eligible locations and interact with community members to help them make healthier choices and build healthy habits. They see the difference the program makes in people's lives.



Margie's summer gardening program planted a container garden that produced a beautiful cucumber plant.

Participants in FNP become more aware of nutrition, make healthier meal and snack choices, eat breakfast more often, are more willing to try new foods, increase their physical activity and in general make healthier food choices. Those who practice healthy eating and activity behaviors are more likely to enjoy a high quality of life as an adult and into old age. A healthy labor force is critical to attracting and keeping jobs in Missouri. In addition, this important programming effort serves to reduce healthcare costs over the participant's lifetime, saving taxpayers money in reduced public healthcare benefits and insurance premiums.

Economic Opportunity

Dhruba Dhakal, Agronomist

Program Area: Agronomy

Private Pesticide Applicator Training

The training educates crop producers for safe handling and application of restricted use pesticides. 9 Participants learned about proper pest ID, economic thresholds and injury levels, emergency planning procedure and the environmental ramification of improper pesticide application. This helps to protect and enhance natural resources and water quality in Randolph county and the state of Missouri.

Randolph county farm tour

12 participants in the farm tour visited POET Bio-refining at Macon and Circle A angus Ranch at Huntsville. Participants learned about the first ethanol plant in the state of Missouri which is one of the largest revenue generating companies in northeast Missouri. They learned about the whole process of grain distillation for ethanol production and understood how their corn grain has been utilized. Participants also learned about a big and successful beef cattle ranch in Randolph county and their management and production process during the visit.



Participants stated learning information about the ethanol plant and cattle ranch helped them to understand the local ag businesses in the county. They also mentioned that they learned new technologies on beef cattle management, which they can adopt on their own farm as well. By utilizing the

knowledge gained from the farm tour, participants/producers in the Randolph County can disseminate the learned knowledge to their family members and neighbors to adopt new technologies. This will help to improve net farm income/local economy by increasing their pasture productivity, animal gain, and reducing production cost.

Soil, plant and water sample test, on-site farm visit– 39 Soil Samples, 2 Water Samples, 2 Nitrate Samples taken

The Extension office receives soil, plant and water samples from local people and sends to the soil testing lab. Specialists receive the test report and provide recommendations and interpretations to the clients. Specialists also visit crop, pasture, fruit and vegetable production farms to identify/diagnose the issues and provide research based management options to the client. Timely diagnosis of issues on the farm helps farmers to save their crops, and increase farmers knowledge and awareness to adopt good agricultural practices (GAP). This helps to increase net farm income by increasing crop productivity and reducing production cost.



Your County Highlights

500 + office Walk ins and phone calls 883 Facebook Followers

Established 2 new 4-H Clubs in Clark and Higbee



Selecting the Winkler family as the 2019 farm family to represent Randolph County at the State Fair in August. We have had a family represent us each year since 1963.

Reached 100+ attendees and businesses with educational information at the Healthy Communities Day booth on May 1st



Participated in the annual Trick or Treat trail in downtown Moberly on Halloween. 1200 were in attendance.

Participated in the December Christmas parade.



Presented 3 Randolph County Farms with Century Farm signs

Your County Highlights

Employer Showcase at Moberly High School



Extension and 4-H Booth at Candy Cane Lane at the Municipal Auditorium

Provided a water station during the Wine Stroll in August



Faculty and Staff Serving Randolph County



Candace Rodman
CES in Nutrition and Health



Jason Morris
Agriculture and
Environment



Lyann Ritter
4-H YPA



Mary Sobba
Agricultural Business



Jennifer Schutter
Horticulture



Margie Lee
Nutrition Program Associate



Dhruba Dhakal
Agronomy



Jeremiah Terrell
Human Development



Heather Conrow
Livestock



Letitia Johnson
Community Economic Development