



UNIVERSITY OF MISSOURI EXTENSION

# Chariton County

2021 ANNUAL REPORT



Office of Extension  
and Engagement  
*University of Missouri*

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December 1, 2021

Dear county commissioners and friends of MU Extension and Engagement,

As we look forward to 2022, I want to take a moment to celebrate all that we have accomplished together this year. You, our closest partners, are key to improving Missourians' lives and opportunities.

You have been vital to the work that has already extended broadband access and workforce development strategies statewide. You have helped us connect with the right partners, working together toward meaningful outcomes that will help our communities thrive in our areas of greatest need around the economy, education and health.

During MU Extension and Engagement Week in October, we learned about some of the ways that MU's NextGen Precision Health Initiative will help Missouri improve statewide health care indicators from our current ranking of 38th in the nation to 25<sup>th</sup>.

COVID-19 has shown us that we must expand investment in our health care resources, knowledge and infrastructure. It has exposed the urgent need to make research and expertise available in communities and to empower individuals and providers to address every aspect of individuals' and communities' health needs — including the inequities of social determinants and their effects on people's health.

Our extension faculty is poised to help identify those needs and be the bridge to the health care providers and caregivers, the clinical trials and public health initiatives that can deliver improved healthcare access and outcomes in every county across our state.

I hope you see the impact of your hard work this past year throughout this county annual report. I thank you for your continuing support as we recommit ourselves to do what we do best: help communities thrive through civic engagement, community building and neighborliness. We look forward to continuing the programs, partnerships, and sharing of knowledge that foster kindness, caring, respect and deep connections in the year and decade to come.

Sincerely,

Marshall Stewart, EdD  
Vice Chancellor, MU Extension and Engagement  
Chief Engagement Officer, UM System

# Who we are

## Faculty and staff

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## Council members

Lisa Stewart, Chairman  
Doug Helmers, Vice-chairman  
Chase Young, Secretary  
Debbie Littleton, Treasurer  
Bobbie Biere  
Heath Harms  
Beverly Henke  
Kristin Jenkins  
Doug Kruessel  
Tonna McSparren  
Jared Meyer  
Debbie Minshall  
Deb Seyler

## County Commission

Evan Emmerich, Presiding Commissioner  
Jared Meyer, Associate Commissioner East District  
Terry Milford, Associate Commissioner West District



Photo above: Chariton County 4-H partnered with Grand River Welding Institute, Brookfield where they learned valuable welding skills and were able to make welding projects for the county and state fair.

# Budget and more

## Appropriations budget

### Income

County Appropriations	43,333
<b>Total Income</b>	<b>\$43,333</b>

### Expenses

Salaries	19,503.99
Payroll Expenses	2,727.44
Travel	1,301.53
Postage	42.22
Telephone	961.68
Publishing/Printing	753.72
Office Supplies/Service	752.91
Professional Services	100.00
Insurance	1,955.14
Equipment	5,447.00
<b>Total Expenses</b>	<b>\$33,545.63</b>

## Return on investment

University System	100,000.00
Donations/Grants	3,174.00
Program Revenue	3,160.79

## Key outcomes and numbers

- ✓ MU Health Care's Missouri Telehealth Network recorded 982 visits to patients having a ZIP code with the county.
- ✓ UM System, Chariton County Students
  - 34 Undergraduates
  - 13 Graduate & Professional Students
  - 40 Full-time students
  - 7 Part-time students
  - 10 Pell grant recipients (aid year 2021)
- ✓ County Selected school alumni
  - 105 Agriculture
  - 24 Engineering
  - 22 Nursing
  - 19 Health Professions
  - 5 Law
  - 4 Veterinary Medicine
  - 3 Medicine
  - 3 Pharmacy
  - 1 Dentistry
- ✓ 50 people in Chariton County are employed by UM.

## MU Extension is a unique funding partnership.

Extension funding is a three-way partnership of federal, state and county government. Federal and state money, through the University of Missouri system, pay professional staff salaries, training costs, computers and communication equipment. County funds support the local office, secretarial and youth assistant salaries, staff mileage and council expenses.

The Chariton County Extension Council, faculty and staff would like to express our appreciation to the Chariton County Commissioners for their continued support of extension programs.



## Local Support

Did you know you can donate directly to Chariton County Extension with a gift to be used immediately or as an endowment contribution for long term efforts. Monies put into the endowment are left forever to earn interest with the county office benefiting each year. You can also direct your donation to a specific program such as 4-H or Master Gardeners.



# Economic Opportunity

## MU Extension Farm Tax Workshop

For the past few years, MU Extension has taught Farm Tax Workshops for farm businesses and families to include new legislation, tax changes, court cases, state tax issues and additional ag issues. The workshops are designed to convey information in a concise manner using information from the IRS and the Land Grant University Tax Education Foundation. The purpose of the classes is to get relevant and helpful information to farmers so they can make decisions and be better prepared to work with their professional tax preparer.

The workshops were a combination of in person classrooms and online classes, with a total of one hundred forty-seven participants.

Most participants completed an optional post survey. Eighty percent reported they understood they were responsible for records and documentation and not their tax preparer. Seventy-five percent said they had a better understanding of how to use tax tools in purchasing farm assets (Section 179, Bonus Depreciation). Ninety-two percent recognized end of year tax planning is important..

Many participants planned to take some action before the end of the year. Some of the planned actions included: reviewing farm records (80%), meeting with tax preparer and communicate with family members (71%). Plans to communicate with family members about tax issues (62%) and fifty-six percent plan to review resources before purchasing begins in 2022.

Farm tax education workshops benefit individuals by increasing their understanding and knowledge, leading to more informed decisions and management of taxes. Better knowledge also leads to improved communications with their tax preparers and accountants. The result is researched and timely purchases of farm expenses, optimizing income tax scenarios and improved profitability over time. Money saved in income taxes stays local and is spent in local businesses up and down main street, making a more vibrant and sustainable rural economy.



## Soil, Plant and Water Sample Test, On-site Farm Visits



Extension office receives soil, plant and water samples from local people and send to soil testing lab. Field specialist in agronomy receives the test report and provide recommendation and interpretation to the clients. Specialists also visit crop, pasture, fruit and vegetable production farms to identify or diagnose the issues and provide research-based management options to the client. Timely diagnosis of issues in the farm helps farmers to save their crops, increase farmer's knowledge and awareness to adopt good agricultural practices (GAP). This helps to increase net farm income by increasing crop productivity and reducing production cost. The increased local economy in Chariton County contributes the state's economy.

## Voluntary Income Tax Assistance

Voluntary Income Tax Assistance was offered in northwest Missouri. MU Extension Specialist and community volunteers offered tax preparation sites to clients across the Northwest Missouri Region. In 2021, 158 federal and state tax returns were filed, in northwest Missouri. Clients were counseled on ways to reduce tax burden through education credits and savers credits. Specialists helped several clients file their returns to claim their Economic Impact Payments and many had Earned Income Tax Credits. Many of these clients may have not filed taxes without our services. Total Federal Returns for the clients serviced by the regional team was \$146,218, with an average return of \$1,478. The total state return was \$33,057, with an average of \$340 per tax payer. Many clients are repeat customers. They trust us to file their returns with accuracy, privacy and to treat them with respect and dignity. Through this program MU Extension trains community volunteers to offer the service and are looking forward to growing this program in the future.



# Educational Access & Excellence

## Calving Clinic

Participants at the Chariton County Calving Clinic learned strategies and tools needed to prepare for a successful calving season. They participated in hands-on activities including pulling cadaver calves in various presentations from calving phantoms, practiced chain placement and tubed a cadaver calf using an esophageal feeder. People that attended the clinic also learned when they should consider intervening during calving, how to assist in delivery, different presentations of unborn calves and manipulation techniques to correct a calf presentation. Other topics discussed during the clinic to help people make decisions during calving season included learning the make-up of colostrum and its importance as well as the difference between colostrum replacers and colostrum supplements. At the end of the clinic 100% of the participants responded in an evaluation that they learned something which would increase their calving success, would recommend the clinic to others and agreed or strongly agreed to the hands-on portions being very beneficial.



## Serving on Public Boards Educational Program

Nineteen people attended the Serving on Public Boards training held online and in-person in Unionville and Keytesville in early November. The program assists making public board members more educated on the Sunshine Law and their responsibilities as a board member. Topics included financial responsibilities, board policies, how to handle Sunshine Law requests and University Extension resources for boards among others. All who attended would recommend this program to others with ratings of good and excellent. Knowledge gained on a 5-point Likert scale was:

	Before	After
Understand the Sunshine Law better	2.92	4.54
Can make board mtgs run better	3.38	4.69
Importance of written policies and by-laws	3.46	4.69
know about MU Extension board resources	2.61	4.38
Know our fiscal responsibilities as a member	3.15	4.46

Thus the knowledge gained by attending this program was significant. More educated board members help make sure their public boards run smoother and follow the laws closely. The impact to the public is less concerns about what a board is doing and leads to less Sunshine law violation complaints filed.

## Extension Farm Tax School

University of Missouri Extension ag economics department and ag business specialists worked together to coordinate one summer and two fall tax schools. One school was in person and two were online via Zoom. The schools were designed for those who prepare taxes including enrolled agents, tax preparers, CPAs, individuals and attorneys.

The training included updates on legislation, rulings and cases, individual taxpayer issues, agricultural and natural resources topics, IRS rules and regulations, business issues, retirement issues, real estate tax issues, payroll and tax credit issues, QBI deductions, trusts and estates, and ethics. The schools were approved for 8 and 16 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 2,584 hours.

The teaching teams included a CPA and former IRS employee, an IRS certified retired ag economics professor, an attorney, Missouri Department of Revenue and extension ag business specialists.

The trainings received positive evaluations and planning is underway to offer trainings in 2022. Local county residents benefit when local tax preparers have the opportunity to gain knowledge, which benefits their clients and communities. The tax schools are a program of the ag business and policy program of MU Extension, coordinated by Mary Sobba with help from a team of ag business specialists throughout the state.

The resources for the schools included the IRS, National Income Tax Workbook from the Land Grant University Tax Education Foundation, materials written by the instructors.

The participants were from all over Missouri. The 2021 school attendance totaled two hundred sixty people with five of them being from Chariton County.



# Health & Well-being

## MOCAN (Missouri Council on Food and Nutrition)

MOCAN is a partnership with schools, Missouri Department of Health and Senior Services, Department of Elementary and Secondary Education, schools and other advocates to educate Missourians through Policy, System and Environment (PSE) projects that will be delivered throughout the state of Missouri. I was part of the School Age and Childcare workgroups to create material, infographics, curriculum, and promote policies to improve the lives of Missouri’s children.

### SNAP- Education

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$9,646,109 in federal funds to Missouri. The funds support engagement with 485,010 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri. There were 321,372 direct educational contacts. This year we had 1,383,799 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

373 direct and indirect contacts were made in Chariton County.

Participants in SNAP-Ed learn the importance of making healthier meals and snack choices, eating breakfast more often, are more willing to try new foods, increase their physical activity, and make healthier food choices. Those who practice healthy eating and are physically active are more likely to contribute to a healthy labor force and enjoy a high quality of life throughout their lifespan.

This vital programming effort also reduces healthcare costs over the participant’s lifetime, saving taxpayer money in reduced public healthcare benefits and insurance premiums.

During 2021, 373 youth and adults were served through schools, community groups and agencies. The following is a list of the locations where participants were served in Chariton County:

Schools	Agencies
Brunswick Elementary	Chariton Co. Cupboard
Salisbury Head Start	Chariton Co. Health Center
St. Joseph Catholic School	Salisbury Senior Center

## SHOW-ME ECHO

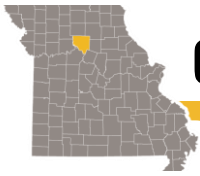
Show-Me ECHO (Extension for Community Healthcare Outcomes) uses video conferencing to connect interdisciplinary teams of experts with primary care providers and other professionals. They collaborate in interactive case-based learning to develop advanced skills and best practices, which improves patient care access, quality and efficiency. Show-Me ECHO learning sessions offer free continuing education and are provided at no cost to participating sites and individuals. In Chariton County, the COVID-19 and kid’s presentations were attended.

## Chariton County 4-H

Chariton County 4-H served more than 280 youth through four organized clubs, SNAC nutrition and Embryology school enrichment, and 4-H and Clover Kid camps. While COVID-19 continued to change some components of 4-H outreach, Chariton County reached more than 200 youth through community activities including Government Day and Festivals during our 2021 enrollment year. Chariton County faculty and staff worked throughout the year to produce quality, positive youth development opportunities that are fun, educational, and community focused!



Photo above: Hannah Keiser participated in Achievement Day 2021. Hannah presented an international food demonstration showcasing a Mexican meal.



## County highlights



Photo above: 4-H shooting sports

### Chariton County 4-H Continued

Chariton County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, communication, and working with others. In 2021, Chariton 4-H youth learned by doing under the guidance of 59 adult and 7 youth volunteers, who taught projects ranging from shooting sports and arts to animal science and healthy living. Being part of a community clubs also encourages youth involvement in community service, camp, as well as local, regional, and state educational trips.

In 2021, Chariton County 4-H members participated in:

- University of Missouri Livestock Judging
- Recognition Day in the Park
- 4-H Week Scarecrows and community activities
- State Fashion Revue
- Missouri State Fair including 2 Best in Show 4-H Exhibits
- Shooting Sports Recognition
- Missouri State Fair Queen Contest – Sydney Stundebek 3<sup>rd</sup> runner up
- 4-H Summer Camp at Van Meter State Park
- Clover Kids Camp
- Chariton County Youth Fair
- Move Across Missouri
- Chariton County 4-H Achievement Day
- Show Me Quality Assurance
- STEM Challenge

4-H also helps youth become college and career ready. Youth must be prepared to live and work in a world we cannot completely envision – competing for jobs that do not yet exist, using technologies that have not yet been invented to solve problems that have yet to be identified (Arnold, Bourdeau, & Nott, 2013). 4-H prepares youth for this changing world by developing leadership, building initiative, and creating connections towards a brighter future. Through local, regional, and state events, Chariton 4-Hers learned how their passion for livestock, fashion, STEM, and so much more might lead to a successful career or college future.

Volunteers are the core of the 4-H program. They help to create, support, and deliver educational programs and experiences. Through dedicated volunteers, the Chariton County Shooting Sports team was back up and running in 2021 with more than 20 youth enrolled in a shooting discipline. Missouri 4-H volunteers report contributing on average of 100 hours per year to the program. Valuing their time at \$28.54 per hour (Independent Sector, 2021), the contribution of Chariton County 4-H volunteers was worth more than \$168,000.



Photo above: Indian Grove 4-H celebrated 4-H week by recognizing the Brunswick Volunteer Fire department for their continued service to their community.

### Private Pesticide Applicators Training

This training educated crop producers for safe handling and application of restricted use pesticides. Participants learned about pest identification, economic thresholds and injury levels, emergency planning procedure and the environmental ramifications of improper pesticide application. This help to protect and enhance natural resources and water quality in Chariton County and the state of Missouri.