



UNIVERSITY OF MISSOURI EXTENSION

# Ripley County

2021 ANNUAL REPORT



Office of Extension  
and Engagement  
*University of Missouri*

**Vice Chancellor's Office**

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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



Steven Ivy  
Nutrition Program Specialist / CES

Mary Rossum  
Office Assistant



Juan Cabrera  
Horticulture Specialist



Emily Doosing  
4-H Youth Development Specialist



John Fuller  
Health and Families Specialist



Jamie Gundel  
Agronomy Specialist



Sarah Haven  
Natural Resource Specialist



Elizabeth Pickling  
Livestock Specialist



Richard Proffer  
Community Development Specialist

Nancy Keim  
EFNEP Associate Director



Sarah Denkler  
Regional Director

## Council members

Tom Chaligoj, Chairman

Jesse Roy, Jr., Vice-chairman

Tabitha Allen, Secretary

Michael Aaron Thornton, Treasurer

Chelsie Barnett

Warren Bland

Amy Braschler

Larry Casteel

Nikki Johannsen

Grady Clark Robinett Sr

Curtis Graling Robinson

Steve Smith



## County commissioners

Jesse Roy, Jr., Presiding Commissioner

Gary Emmons, Commissioner East District

Keith Whiteside, Commissioner West District

Michael Williams, County Clerk

# Financials and more

## Receipts and Expenditures 2021

### Income

County Appropriations	23,769
<b>Total Income</b>	<b>23,769</b>

### Expenses

Salaries/Benefits	15,709
Travel	1,910
Telephone	1,000
Office Supplies/Service	1,000
Utilities	2,500
Insurance	1,200
Capital Repairs	400
<b>Total Expenses</b>	<b>23,769</b>

## Key Outcomes and Numbers

- ✓ **556 direct contacts attended University of Missouri Extension programs in 2021. An additional 594 people were contacted indirectly in program area events.**
- ✓ **Programs attended by Ripley county citizens in 2021 included: Beef Production, Horticulture, Integrated Pest Management, Master Gardener Programs, Food Preservation, Matter of Balance, Stay Strong / Stay Healthy, Missouri Grazing School, Missouri Woodland Steward, Women in Agriculture and Labor & Workforce Development.**
- ✓ **112 licensed private applicators in Ripley county.**



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

**Census 2020 Ripley County Population: 10,679 (down from 14,100)**

To continue offering producers educational materials, University of Missouri Extension agronomy specialists created the **Forage and Livestock Series online**. This 5-week program gathered experts to cover topics in: Feeding Stored Forages, Native Forages for MO, Beef Nutrition, Livestock Farm Profitability and Cutting Edge of Pasture Fertility. One hundred sixteen producers from Missouri and around the US participated in the series.

The **Master Gardener program** promotes and raises public awareness of the University of Missouri Extension as a source of unbiased, research-based gardening information. Their mission is “helping others learn to grow.” They do this by providing in-depth horticultural training to individuals throughout Missouri who then volunteer their time helping others apply what they have learned about gardening and environmental education.



# Educational Access & Excellence



## Ripley County 4-H

In 2021, 7 Ripley County youth participated in 4-H programs. Youth had the opportunity to participate in a host of regional and statewide events including the Explore 4-H Camp, Twin Pines Day Camp, Teen's Night Out, and the Missouri State Fair. Extension efforts in 4-H Youth Development focused largely on volunteer recruitment in 2021 as well as providing virtual learning opportunities and regional and state opportunities in which Ripley County youth had the opportunity to participate.



Above, a 4-H member shows a chicken in the 2021 Ripley County Fair as Mr. Matt Pendergrass, Doniphan, judges the event.



Shown above and to the right, 7 members of Ripley County 4-H were given the opportunity to participate in the regional 4-H camps and statewide events.





## Health & Well-being

**Stay Strong, Stay Healthy** is an exercise program that incorporates the latest research to help participants develop the fitness, flexibility and balance to live independently longer. Participants **commented**, “My knees don’t hurt as bad now. I move better” and “I don’t have the joint pain as bad, since I started this class” show the impact this short course can have for participants.

“My knees don’t hurt as bad now. I move better.”

A **Matter of Balance** is designed to help older adults overcome the fear of falling and increase their activity levels. All too often, a fear of falling prompts older adults to restrict their activities. A Matter of Balance can empower them to take steps to reduce their chances of a fall by providing fall prevention strategies, helping develop and follow a personal fall prevention plan, giving them exercises to improve their balance and increase their activity levels and helping them make or support changes in their daily lives that can reduce their fear of falling.

The Life expectancy for American men has been falling in recent years, widening an existing gap in the lifespans of men and women. Our **Health Information for Men** program aims to change that by covering the latest findings on health-related topics ranging from hypertension to sleep. Topics offered in 2021 were Diabetes - covering symptoms of diabetes, blood sugar testing, and foods good for diabetics, Hydration during Summer - covers ways to stay hydrated and problems with dehydration, and Stress – covers recognition of physical and psychological symptoms of stress.

### **MU Extension and Show-Me ECHO partnership**

Project ECHO (Extension for Community Healthcare Outcomes) utilizes telehealth technology to connect primary care practitioners in rural areas with other like-minded professionals to increase knowledge and help provide high-quality specialty care. The ECHO model uses a hub-and-spoke knowledge-sharing approach where expert teams lead virtual clinics, amplifying the capacity for providers to deliver best-in-practice care to the underserved in their own communities.

### **COMMON ECHO TOPICS**

COVID  
Community Health Worker  
Telemedicine  
Trauma Informed Schools  
Asthma  
Autism

Because of Extension’s longstanding role in communities across Missouri, Show-Me ECHO partnered with MU Extension faculty who increased statewide participation in several key ECHO hubs. By focusing on all the factors that contribute to our health and well-being, we are able to partner and work collaboratively to positively impact the health and well-being of individuals, communities and the state.

Show-Me ECHO learning sessions offer free continuing education and are provided at no cost to participating sites and individuals. To join, visit [www.showmeecho.org](http://www.showmeecho.org) and register for an ECHO today.



## Economic Opportunity

### East Central Show-Me-Select Heifer Program

The Show–Me–Select Heifer program aids producers in raising and marketing high-quality heifers. Local veterinarians, regional livestock specialists, and producers work together to create a reliable source of replacement heifers in terms of genetics and management.

Average prices for bred heifers at the Show-Me-Select sales were \$250-\$300 higher per head than local auction barn prices.

Producers are also given the opportunity to market their heifers in various sales across the state of Missouri. Animals must meet standards in nutrition, health, reproduction and disposition to qualify for a Show-Me-Select tag.

Show-Me-Select is a nationally recognized heifer development program that has increased the prestige of beef cattle in the state. A total of 1,421 heifers have sold between April 2016 and December 2021 at the East Central Show-Me-Select sale held at the Farmington Regional Stockyards. From 2016 to 2021, buyer surveys on 258 heifers sold through the East Central sale were collected. Less than 5% of heifers required some sort of calving assistance, which is less than the national average of 9.4% indicating the required breeding guidelines for the Show-Me-Select program are helping to reduce calving dystocia.



Consignors to the 2021 East Central sales are from the following counties: Crawford, Gasconade, Jefferson, Maries, Osage, Perry, Phelps, Ripley, Ste. Genevieve, St. Francois, Washington, Wayne. Average prices for bred heifers at the sales were \$250-\$300 higher per head than local auction barn prices.

# County highlights

2022 UM Systemwide Impact Data Sheets

## Ripley County



University of Missouri System  
COLUMBIA | KANSAS CITY | ROLLA | ST. LOUIS

### UM System Footprint in the county in 2021



#### FY21 county students

##### 24 students

- 21 Undergraduates
- 3 Graduate and professional students
- 17 Full-time students
- 7 Part-time students
- 11 Pell grant recipients (aid year 2021)



#### County employees and retirees

##### 2 people employed by UM

- 2 Campuses



#### County alumni

##### Selected school alumni

- 1 Medicine
- 12 Nursing
- 1 Health Professions
- 1 Pharmacy
- 1 Optometry
- 1 Veterinary Medicine
- 7 Agriculture
- 16 Engineering
- 10 Law

##### Alumni teaching K-12

- 2 teachers
- 1.1% of all district teachers
- 1 principal or administrator
- 12.5% of all district principals and administrators



#### County breakdown

##### MU

- 18 students
- 60 alumni
- 2 employees

##### UMKC

- 1 student
- 9 alumni
- 0 employees

##### Missouri S&T

- 4 students
- 14 alumni
- 0 employees

##### UMSL

- 1 student
- 15 alumni
- 0 employees



#### County properties and offices

Naylor Archeological Support and Storage  
MU Extension in: Ripley County



County population: 13,567



#### County services provided

##### Health care (FY21)

- 18 in-state patients seen at MU Health Care, with \$4,589 of uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 27 visits to patients having a ZIP code associated with the county