



UNIVERSITY OF MISSOURI EXTENSION

Grundy County

2022 ANNUAL REPORT



Office of Extension
and Engagement
University of Missouri

OFFICE OF THE VICE CHANCELLOR
FOR EXTENSION AND ENGAGEMENT

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December 2022

Dear county commissioners and friends of MU Extension and Engagement,

We have much to celebrate and anticipate in 2023. As you know, Chad Higgins is taking over from me as interim vice chancellor of extension and engagement and interim chief engagement officer for the UM System.

Chad believes in transformational leadership and change that will continue to advance the University of Missouri's land-grant mission. He has a strong team around him to support MU Extension in this time of transition.

Most important, Chad has **you** as key partners in championing our work to empower each county and community and to improve every Missourians' access to economic and educational opportunities and health and well-being.

We started our journey in 2016, reimagining what extension and engagement needed to be to meet communities' 21st century needs. Your partnership has led to a true renaissance of extension and engagement that will serve as the foundation for MU Extension's healthy future through this decade and beyond.

The challenges of the pandemic showed us how to be even more responsive and nimble. Thanks to the foresight of state leadership, we are also now in a much stronger budget position. We have the organizational, staffing and program structure in place to keep growing the value and impact of MU Extension and university engagement work at the local level.

We have made strides in each year's areas of focus: broadband, workforce development, community and mental health access and care, and now food security in this current year.

I hope you see throughout this county annual report the impact of your own partnership and hard work in these areas. I thank you for your continuing support as we recommit ourselves to do what we do best: Serve Missouri, Deliver Mizzou.

Sincerely,

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

Who we are

Faculty and staff

Micah Potgieter

Field Specialist Nutrition & Health

Cortney Miller

Office Manager/Bookkeeper

Jim Crawford

Field Specialist in Agricultural Engineering

Joe Koenen

Agriculture and Environment Specialist

Amanda Allen

4-H Youth Program Associate

Tracy Minnis

Nutrition Program Associate

Shawn Deering

Field Specialist in Livestock

Becky Simpson

Field Specialist in 4-H Youth Development

Valerie Tate

Field Specialist in Agronomy

Jessica Trussell

Field Specialist in Human Development



Council members

Sarah Allen, Chairman

Denise Hamilton, Vice-chairman

Morgan Duff, Secretary

Sarah Allen, Treasurer

Dustin Cox

Cayla Foster

Bob McIntyre

Ryan Miller

Jared Phillips

Brad Chumbley

Commissioner Representative

Glen Briggs

City Representative



County commissioners

Phillip Ray

Presiding Commissioner

Don Sager

1st District Commissioner

Brad Chumbley

2nd District Commissioner

Budget and more

Appropriations budget

Income

County Appropriations	\$16,250.00
Student Fees	\$120.00
Endowment Distribution	\$8,747.26
Foundation Gifts	\$1,120.00
Resales/Educ Services	\$250.50
Misc Income	\$356.58
Total Income	\$26,844.34

Expenses

Office Salaries/Benefits	\$16,649.95
YPA Wages/Benefits	\$6,807.77
Travel	\$973.50
Rent/Lease Space	\$25.00
Rent/Lease Equipment	\$677.82
Copy Services	\$218.92
Office Supplies/Service	\$65.14
Interest Loss	\$4,918.18
Insurance	\$100.00
Memberships	\$100.00
Extension Elections	\$118.83
Soil Tests	\$188.50
Total Expenses	\$30,843.61

Grundy County Highlights

401 Total educational contacts from MU Extension to residents of Grundy County, including:

- 68 contacts related to productive farming, better gardening, and managing natural resources
- 314 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
- 19 contacts related to starting businesses, developing community leaders, or renewing the local Economy

4-H and Youth Development Highlights:

- Bright Futures Back to School event
- Grant/Fundraising with Grundy United Way- residential canvassing and tenderloin sale
- Serving at Grundy Electric Cooperative Members Dinner

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



Local Support

Did you know you can donate directly to Grundy 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

Regional MiG (Management Intensive Grazing) Schools

Missouri has been educating farmers about the principles and practices of MiG through grazing schools. Since the inception of the program in 1990, over 11,000 practices have been implemented with more than \$40 million of financial assistance from the Missouri DNR program. They reported benefits of increased carrying capacity, more grazing days, less feed and hay used, improved forage quality, less time and labor, increased soil fertility, improved health and conception rates of cattle and ease of handling cattle. All of this translates into a \$125 million annual impact on Missouri's economy.

Surveys of past participants indicate that implementing MiG increased beef cattle production by 22 percent on the same acres which had been continuously grazed.



MU Feedlot School

One of the goals that MU Agriculture Extension has is to double the economic impact of agriculture within the state by the year 2030. Missouri is a cow-calf state and is ranked third in number of cows and calves produced. Most of these calves are sold and finished in other states. There is a lot of value to be captured during the finishing phase of beef production and increases in this area could have significant economic impact for the state.

University of Missouri Extension held a feedlot school on January 13 and 14, 2022 at the North Central Missouri College's Barton Campus in Trenton, MO. Class size was limited to twenty-five participants and all the spaces were filled.



Attendees came from not only northwest Missouri but throughout the state. Sessions focused on all things feedlot: including health, nutrition, proper feed mixing, marketing, handling facilities, performance expectations, financing, price protection, feeding cull cows and included on-farm visits to existing feedlots in the area. Evaluations for the program were extremely positive and more schools are currently being planned and scheduled for the coming year.



Educational Access & Excellence

Building Strong Families

This program enables Human Development and Family Science Specialists to offer parenting education to parents seeking to maintain or regain custody of their children. After participating in this program, 86% of participants reported their knowledge, skills, or understanding was "a lot" or "a great deal". 96% would recommend the program to someone else. In 2022, 5 Grundy participants interacted with this series of 5 session, each earning a total of 10 parenting education hours per class.

2022 highlight:
Horticulture
newsletter
articles and
radio talk shows
on home
gardening

Grundy 4-H Youth Development

Grundy County 4-H served more than 42 youth through 3 organized clubs, 4-H camp, and statewide events. Grundy County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, communication, and working with others.



With 18 approved volunteers, valuing their time at \$29.95 per hour, the contribution of Grundy 4-H volunteers was worth more than \$53,910 in 2022.

In 2022, Grundy County 4-H members participated in:

- 4-H Camp at Crowder
- Grundy County Fair
- Northwest Missouri Fair in Bethany
- Missouri State Fair
- Regional Livestock Shows
- Community Service activities with local retirement homes, low-income housing, donation drives, thrift stores, schools, churches, animal shelters, and highway trash pickup efforts





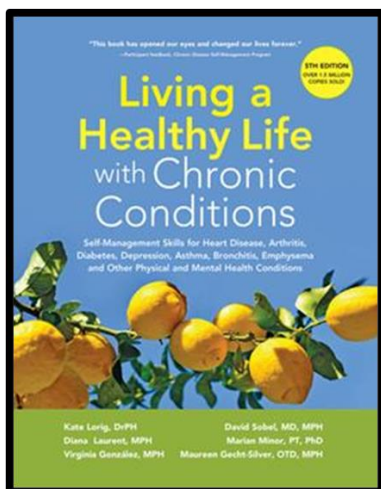
Health & Well-being

Grundy County Fair

Collaborated with The Garden-Trenton on setting up a booth at the Grundy County Fair to promote gardening and healthy garden recipes. Extension and The Garden-Trenton share the goals of promoting healthy foods to the community and educating people about growing and preparing them.



**"I can't believe this is watermelon.
It's delicious!"**



Virtual Programming Opportunities

Living a Healthy Life with Diabetes, Workplace Chronic Disease Self-Management, and Taking Care of You classes were held virtually across the Northwest Region in 2022. Each course focuses on healthy living by developing self-management skills, identifying healthy workplace adjustments, and practical strategies to incorporate into everyday life challenges and stressors.

SNAP-Education

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 the lifespan.

Schools	Agencies
Laredo Elementary	Grundy County Health Department
Pleasant View Elementary	
Rissler Elementary	
Southwest Elementary	
Spickard Elementary	
Spickard After School Club	

During 2022, 714 youth and adults were served in Grundy County through schools, community groups and agencies.



County highlights

Private Pesticide Applicator Training & Soil Testing

Private Pesticide Applicator Training teaches producers about safe handling of pesticides, proper mixing, calibration techniques, environmental ramifications of improper mixing or careless application, chemical breakdown of pesticides in the environment, what records are needed, pesticide formulations, personal protective wear and how to clean it, pesticide storage, common Missouri pests, and integrated pest management (IPM) techniques.

Soil testing is a valuable tool and is a process used to estimate the ability of the soil to support plant growth. Soil samples submitted to the University of Missouri Soil

Testing Lab are analyzed for soil pH and soil nutrients including phosphorus, potassium, calcium and magnesium. Soil can also be tested for micronutrients including sulfur, zinc, manganese, iron and copper.



During 2022:

20 producers in Grundy County were trained and licensed through PPAT
13 soil samples were analyzed from Grundy County



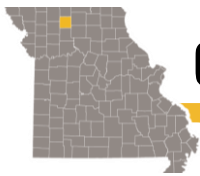
A Matter of Balance

This program helps participants reduce their fear of falling and increase engagement in social and physical activity.

A Matter of Balance is a nationally recognized program supported by the National Council on Aging. Human Development Specialist Jessica Trussell and Nutrition and Health Specialist Micah Potgieter, in partnership with the Regional Arthritis Center and the North 65 Center, offered the program in Grundy County and seven (7) participants participated in the course for a total of 78 hours of education.

Grundy County participant regarding the most impactful thing they learned:

“How to get up out of a chair. It's okay to ask for help. I was able to interact with people again - I have lived alone for 22 years and became unable to interact with people. Slow down and watch for possible problems to prevent hurting myself again. I have 2 repaired hips or leg. Keep moving. Exercise as much as possible.”



County highlights

2023 UM Systemwide Impact Data Sheets

Grundy County



University of Missouri System

COLUMBIA | KANSAS CITY | ROLLA | ST. LOUIS

UM System Footprint in the county in 2022



FY22 county students

32 students

- 22 Undergraduates
- 10 Graduate and professional students
- 20 Full-time students
- 12 Part-time students
- 10 Pell grant recipients (aid year 2022)



County employees and retirees

4 people employed by UM

- 4 Campuses



County alumni

Selected school alumni

- 2 Medicine
- 13 Nursing
- 10 Health Professions
- 4 Dentistry
- 4 Pharmacy
- 1 Optometry
- 4 Veterinary Medicine
- 79 Agriculture
- 12 Engineering
- 5 Law

Alumni teaching K-12

- 10 teachers
- 7.1% of all district teachers
- 1 principal or administrator
- 8.3% of all district principals and administrators



County breakdown

MU

- 24 students
- 173 alumni
- 4 employees

UMKC

- 3 students
- 30 alumni
- 0 employees

Missouri S&T

- 5 students
- 7 alumni
- 0 employees

UMSL

- 0 students
- 2 alumni
- 0 employees



County properties and offices

Thompson Farm
MU Extension in: Grundy County



County population: 9,885



County services provided

Health care (FY22)

- 107 in-state patients seen at MU Health Care, with \$39,808 of uncompensated care
- 7 in-state patients seen at UMKC School of Dentistry with a statewide average of \$55.60 per patient in uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 21 visits to 17 patients having ZIP codes associated with the county

Extension (2021)

- 1,247 Total educational contacts from MU Extension to residents of the county, including:
- 143 contacts related to productive farming, better gardening, and managing natural resources
- 1,093 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
- 11 contacts related to starting businesses, developing community leaders, or renewing the local economy

