



UNIVERSITY OF MISSOURI EXTENSION
St. Clair County

2023

Annual Report



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Extension
University of Missouri

an equal opportunity/ADA institution



Office of Extension
and Engagement
University of Missouri

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FOR EXTENSION AND ENGAGEMENT
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December 2023

Dear county commissioners and friends of MU Extension and Engagement,

Thank you for your important partnership with the University of Missouri Extension this past year.

I want to highlight three areas that address needs you helped us identify.

You may recall that the FY 23 state budget provided a one-time \$5 million infusion to MU Extension for growth. Of that, we allocated about \$3 million for field faculty in the areas of agriculture, 4-H, health/human development and business and community development.

Through a dedicated hiring effort, and thanks to that allocation, we have hired 168 new employees since November 2022. That includes 72 academic/faculty members, most of whom are field specialists in a priority area noted above, and 96 staff members (e.g., office administrators, youth and food and nutrition associates, etc.).

We also returned more faculty to local program delivery that best serves your county's needs, while preserving the partnership and relationship building work you value. Our extension and engagement specialists focus full-time on that work as they serve their assigned multi-county groups. Currently, 19 have been hired, with two more in the pipeline.

Finally, we are prioritizing our work with county extension councils. In the new role of partnership and council development director, Lorin Fahrmeier focuses on strengthening council representation and governance. This role will build stronger links with regional, educational and campus leadership to better identify and address local priorities.

At the UM System level, our engagement work across four universities and with leaders across the state makes a difference in areas of greatest need: broadband, workforce development, health access, food security and healthy futures for our youth.

Your county annual report shows what we are accomplishing together as we Serve Missouri and Deliver Mizzou. We look forward to strengthening that partnership with county commissioners and community stakeholders in the coming year.

Sincerely,

Chad Higgins, PhD
Interim Vice Chancellor, MU Extension and Engagement
Chief Engagement Officer, UM System

Who we are

Faculty and staff

Wayne Prewitt

West Central Regional Director

Allison Gunter

Extension and Engagement Specialist

David Brown

Livestock Specialist Small Ruminant Emphasis

Patrick Davis

Livestock Specialist

Hunter Lovewell

Agronomist

Wesley Tucker

Agriculture Business Specialist

Ramon Arancibia

Commercial Horticulture Specialist

Linda Clinton

Youth Development Specialist

Michael Dobbs

Nutrition and Youth Program Associate

Kyleigh Brown

Human Development and Family Science Specialist

Hari Koirala

Community Health Specialist

Mitchell Moon

Labor and Work Force Development Specialist

Debbie McSperitt

Office Manager

Council members

Gene Hartley, Chairman

Matt Noakes, Vice-Chair

Jill Chapman, Secretary

Mike Nance, Treasurer

Debbie Siegismund

Sharon Murray

Jodine Trout

Karry Phillips

Randy Smith, County Commissioner



County commissioners

Robert Salmon, Presiding Commissioner

Leroy Strope, North Commissioner

Randy Smith, South Commissioner



Budget and more

Appropriations budget

Income

County Appropriations	43,000.00
Surplus Funds	10,077.00
Total Income	53,077.00

Expenses

Salaries/Benefits	35,595.00
YPA/NPA Salary/Benefits	10,424.00
Travel	1,943.00
Telephone	664.00
Office Supplies/Service	1,252.00
Copy Services	957.00
Advertising	78.00
Insurance	1,537.00
Postage	251.00
Furniture/Equipment	243.00
Miscellaneous	133.00
Total Expenses	53,077.00

Return on investment

University System	100,000
Grants	1,000
Program Revenue	1,458

KEY NUMBERS

Social Media Contacts - Office	57,525
Telephone Inquiries - Office	593
Walk-In Inquiries - Office	265
Hay & Soil Tests - Office	88

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



Local Support

Did you know you can donate directly to St. Clair 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.

UM System County Impacts

2024 UM Systemwide Impact Data Sheets

St. Clair County



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

UM System Footprint in the county in 2023



FY23 county students

27 students

- 26 Undergraduates
- 1 Graduate and professional student
- 10 Full-time students
- 17 Part-time students



County employees and retirees

7 people employed by UM

- 7 Campuses
- 2 UM retirees and beneficiaries
UM salary and retirement income: \$147,743
UM state tax revenue: \$2,216
UM federal tax revenue: \$10,058



County alumni

Selected school alumni

- 1 Medicine
- 6 Nursing
- 10 Health Professions
- 2 Dentistry
- 3 Pharmacy
- 6 Veterinary Medicine
- 32 Agriculture
- 14 Engineering
- 9 Law

Alumni teaching K-12

- 9 teachers
- 7.6% of all district teachers
- 1 principal or administrator
- 14.3% of all district principals and administrators



County breakdown

MU

- 12 students
- 85 alumni
- 7 employees

UMKC

- 1 student
- 33 alumni
- 0 employees

Missouri S&T

- 0 students
- 11 alumni
- 0 employees

UMSL

- 14 students
- 1 alumna or alumnus
- 0 employees



County properties and offices

MU Extension in: St. Clair County



County population: 9,235



County services provided

Health care (FY23)

- 63 in-state patients seen at MU Health Care, with \$71,510 of uncompensated care
- 12 in-state patients seen at UMKC School of Dentistry with a statewide average of \$43.61 per patient in uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 187 visits to 97 patients having ZIP codes associated with the county

Extension (2022)

- 1,863 Total educational contacts from MU Extension to residents of the county, including:
- 54 contacts related to productive farming, better gardening, and managing natural resources
- 1,809 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development

UM System County Impacts

2024 UM Systemwide Impact Data Sheets

St. Clair County



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

UM System Statewide Footprint

Economic and Community Development Highlights

- In 2022, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 81,645 jobs.

\$3.1
billion

For every dollar invested from 2019 to 2021, the MU Extension Business Development Program has returned \$133 in economic impact for its clients by increasing sales more than \$1.6 billion. For a total impact of \$3.1 billion, the program has generated more than 37,000 jobs and attracted nearly \$451 million in capital investments and \$1.5 billion in government contracts.

- Between FY17 and FY22, UM System brought Missouri more than \$1.46 billion in federal and private research funds, funded primarily from outside the state, but spent within the state.



In FY23, UM System was issued 33 patents and filed 61 new U.S. patent applications.

- In FY23, the UM System awarded 805 design and construction project contracts throughout Missouri, for a total investment of \$279.2 million in the state.



In FY23, to improve access to medical and health related services, MU Health Care's Missouri Telehealth Network's Show-Me ECHO program provided 18,381 hrs of case-based instruction to 2,938 learners located in 112 of 114 Missouri counties and the city of St. Louis.

Education and Training Provided



41,992 police, fire fighters, and medical professionals attending continuing education (2022)



Agriculture and natural resource programs served 174,692 farmers and related businesses (2022)



311,749 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2022)

Education Highlights

FY23 Financial Aid Awards

In FY23, 67.3% of the UM System's 80,702 students received financial aid totaling \$973.7 million

MU		UMKC	
27,256	\$536.0M	11,859	\$217.3M
students receiving financial aid	financial aid awarded	students receiving financial aid	financial aid awarded
Missouri S&T		UMSL	
6,748	\$117.7M	8,489	\$102.8M
students receiving financial aid	financial aid awarded	students receiving financial aid	financial aid awarded



UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 58 higher education institutions (230,000 students), 485 K-12 school districts (832,000 students) and 132 public libraries (serving nearly 3 million Missourians) in 2022.

- UM System awarded 50.5% of the 32,098 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2022-23.
- UM System awarded 36.6% of the 1,935 research doctorates and 26.9% of the 3,593 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2022-23.
- In FY23, UM System's \$37.9 million in National Science Foundation (NSF) grants represented 88.3% of all NSF grants made to Missouri public colleges and universities.
- In 2023, over 10,900 Missourians accessed mobroadband.org, part of the UM System Broadband Initiative which helped the statewide build-out of high-speed internet infrastructure. MU Extension also supported residents in making individual challenges to the FCC that resulted in \$810,000 in additional funding for the state of Missouri.

Supporting the University of Missouri is an investment in the future of Missouri.

The university advances Missouri citizens and communities through its mission of teaching, research, public service, and economic development across our four campuses and University of Missouri Extension.

Prepared in December 2023, based on the best available and most recent data. Data Sources include: Missouri Office of Administration • UM IR • MU Institute for Public Policy • Center for Applied Research and Engagement Systems (CARES) • MU • UMKC • Missouri S&T • UMSL • UM System • UM Health Care • MU Extension • US Census Bureau • US Dept. of Health and Human Services • National Science Foundation



Missouri Grand Challenges: Local Solutions



ST. CLAIR COUNTY

Knowing Missouri's Needs

MU Extension asked Missourians to share the greatest challenges they and their communities face.

We heard that feedback and made big changes in the way we work with council and local partners to improve lives. Locally, a network of county engagement and subject matter specialists now share MU's knowledge, research and engagement, targeting programs, information and assistance in:

- agriculture and environment
- youth and family
- business and community
- health and safety

For each grand challenge, MU Extension and Engagement targets a specific gain by 2023:



Economic opportunity

Increase MU Extension and Engagement's economic impact to the State of Missouri from \$1 billion to \$1.5 billion overall, and from \$88 billion to \$100 billion in agriculture, the top economic sector



Educational access and excellence

Increase participation in postsecondary education from 66% to 70%



Health and well-being

Improve Missouri's health ranking from 40th to 35th in the nation

Knowing Local Challenges



CHALLENGE 1: Economic Opportunity: *Economic Mobility*

Average Earnings per Job

Average earnings per job can reflect the type of economy, skill of employees, and availability of jobs and workers in an area. Average earnings is calculated by dividing total full-time and part-time employment by total earnings. Earnings is the sum of three components of personal income--wages and salaries, supplements to wages and salaries, and proprietors' income. Full-time and part-time jobs are counted at equal weight. Both employment for wages and salaries and proprietors employment are included, but the employment of unpaid family workers and volunteers is not included. Average earnings per job is a measure of the wages paid at jobs in the county not the earnings of people who live in the county. The dollar figures shown are not adjusted for inflation.

2022 Average Earnings (\$)

\$33,096

St. Clair



Missouri

\$62,528 🙄

Data Source: US Department of Commerce, [US Bureau of Economic Analysis Regional Economic Accounts](#), 2007-2022.

Cost-Burdened Households (30%)

Cost-burdened households, where housing costs exceed 30% of total annual household income, is one measure of the relationship between cost of living and income. Households with high housing costs have fewer dollars remaining for other expenditures and are more likely to live paycheck-to-paycheck. The 20.00% of households in the report area are considered cost-burdened. This is below the state average of 24.99%.

Cost-Burdened Households, Percent

20%

St. Clair

Missouri

24.99%

Data Source: US Census Bureau, [American Community Survey](#), 2017-21.

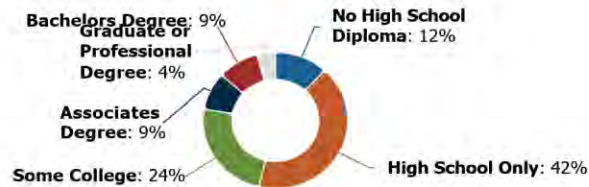


CHALLENGE 2: Educational Access and Excellence: Educational Attainment

Adult Educational Attainment

Educational attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. Educational attainment is calculated for persons over 25 and is an estimated average for the period from 2017 to 2021.

In the report area, 24.0% of adults have at least some college education and 18.2% of adults have an associate's level degree or higher. However, 41.8% stopped their formal educational attainment after completing high school, and 11.9% of adults did not complete high school.



No High School Diploma

11.92%

Missouri 9.02%

St. Clair

Data Source: US Census Bureau, [American Community Survey](#), 2017-21.

Data Source: US Census Bureau, [American Community Survey](#), 2017-21.



CHALLENGE 3: Healthy Futures: Healthy Weight

Obesity (Adult)

This indicator reports the number and percentage of adults aged 20 and older self-report having a Body Mass Index (BMI) greater than 30.0 (obese). Respondents were considered obese if their Body Mass Index (BMI) was 30 or greater. Body mass index (weight [kg]/height [m]²) was derived from self-report of height and weight. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004 - 2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Percentage of Adults Obese, 2016

24.9%

Missouri 33% 🟡

St. Clair



Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#), 2021.

Physical Inactivity

Within the report area, 1,494 or 18.2% of adults aged 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004 - 2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Adults Age 20+ with No Leisure Time Physical Activity, Percent

18.2%

Missouri 21.4%

St. Clair

Data Source: Centers for Disease Control and Prevention, [National Center for Chronic Disease Prevention and Health Promotion](#), 2021.



CHALLENGE 4: Agricultural Growth & Stewardship: *Agricultural Economy*

Jobs Derived

Missouri has a diverse agriculture industry, strong in crops and livestock, as well as food and forestry processing industries. These industries remain a significant part of Missouri's economy, supporting more than 1 in every 10 jobs, on average. In 2021, agriculture, forestry, and related industries in Missouri were estimated to contribute: 456,618 jobs, \$93.7 billion in output and \$31.8 billion in household income. [Learn more about Missouri Agriculture's Economic Impact.](#)

Percent of Jobs Derived from Agriculture

33.5%

St. Clair

Missouri

23.55%

Data Source: Missouri Department of Agriculture, [Missouri Agricultural and Small Business Development Authority](#). 2021.

Value Added

Value-added agriculture refers to production, manufacturing, marketing or other services that increase the value of primary agricultural commodities. In 2021, the total value-added derived from agriculture, forestry and related economic activity was an estimated \$34.9 billion. Meat processing, food processing, animal and pet food manufacturing, and crop production and related industries are Missouri's top value-added products: \$9.5 billion and 155,425 jobs from livestock production and related industries alone. [Learn more about Missouri Agriculture's Economic Impact.](#)

Percent of Total Value Added from Agriculture

30.5%

St. Clair

Missouri

21.98%

Data Source: Missouri Department of Agriculture, [Missouri Agricultural and Small Business Development Authority](#). 2021.





MU EXTENSION **Serves MISSOURI and Delivers MIZZOU** through credible statewide programs

Missouri 4-H for ages 8 – 18



Community clubs are organized by volunteer club leaders and teams of recognized volunteers. Members attend club meetings, elect officers, enroll in projects and plan learning and community service activities. Some clubs opt to be single-project clubs, where all members focus on the same project.



A **SPIN club** focuses on a specific topic led by an expert in the field. While community clubs may meet over the full 4-H program year, SPIN clubs meet for set periods, typically from several weeks to a couple months. SPIN clubs can elect officers and plan learning activities with options of public speaking, community service and links to career readiness.



4-H Natural Resources programs employ hands-on activities in climate science, environmental sustainability, renewable energy, sportfishing and wildlife conservation. The **Shooting Sports program**, which teaches marksmanship, safe firearm use, hunting and archery principles, is a prime illustration of how 4-H programs promote holistic youth development and responsible citizenship. Supported by caring adult leaders, these programs offer opportunities to cultivate life skills, self-worth and conservation ethics.



Legend



Agricultural Growth
& Stewardship



Economic
Opportunity



Educational
Access &
Excellence



Health
& Well-Being

Local Impact

Linda Clinton, Youth Development Specialist and Michael Dobbs, Youth and Nutrition Program Associate

St Clair County is a community of 157 4-H youth building life skills, contributing to their community, and becoming college and career ready.

4-H clubs

4-H programs are grounded in the belief that youth learn best by doing. Through hands-on projects in areas like science, health, agriculture, and civic engagement in a positive environment youth receive guidance from adult mentors and are encouraged to take on proactive leadership roles. Youth have the opportunity to concentrate on one focus area, or they can try a variety of programs throughout their 4-H experience.

Regardless of how youth participate, all 4-H programs include mentoring and career readiness as core elements.

- 4-H participants = 174
 - **Duplicates not removed.*
- 4-H Community Clubs: offer in-depth educational experiences in which members learn life skills such as decision making, public speaking, and working with others. Members learn by doing this under the guidance of adult volunteers, who lead a wide variety of projects that support 4-H members in finding their SPARK.
- 4-H offers Community clubs, SPIN (special interest) clubs, In school and Afterschool Clubs, and school enrichment. Families and communities can choose what fits their needs.

Volunteers

- 4-H members are supported by 65 youth and adult volunteers
- Time valued at ~ \$25,000.
- Volunteers are the core of the 4-H Program. They help to create, support, and deliver educational programs and experiences. Missouri 4-H volunteers report contributing an average of 100 hours per year to the program. Valuing their time at \$31.80 per hour (Independent Sector, 2023), the contribution of St. Clair 4-H volunteers was worth more than \$206,000 in 2023. More importantly, these individuals serve as role models and mentors for youth.

Reference

Independent Sector (2023). Independent sector releases new value of volunteer time of \$31.80 per hour. Retrieved from <https://independentsector.org/blog/independent-sector-releases-new-value-of-volunteer-time-of-31-80-per-hour/>



Local Profiles and Stories

4-H SNAC Clubs

4-H Student Nutrition Advisory Council (SNAC) clubs are offered in a variety of settings including before school, during school, afterschool, and in other community settings helping youth build knowledge about nutrition and fitness. Youth participate in a leadership project where they are encouraged to become an ambassador of Healthy Living in their communities by designing and implementing a leadership project that will improve nutrition education and the fitness of others.

Across the state, youth have developed creative ways to advocate for healthy living. In 2023, there were 91 SNAC Clubs across Missouri with 2,577 youth participating and reaching 4300+ youth through the leadership projects.

4-H SNAC Club Mini-grants

In 2023, the Missouri 4-H Foundation collaborated with Healthy Blue to offer mini grants of up to \$500 per county to help 4-H SNAC clubs across the State of Missouri implement leadership projects. 36 counties were awarded a total of \$18,000 through this mini grant.



St. Clair County Sheriff Department partnered with St. Clair County 4-H and YPA, Mike Dobbs, to create a Survive the Hike summer day camp for 4-H members in the West Central Region.

St. Clair County

Missouri 4-H

Local Impact

Common Measures

Findings from a 2021-22 evaluation study shows that Missouri 4-H:

Missouri 4-H Inspires Kids to Do

98% said they are willing to work hard on something difficult.

91% set personal goals.

97% said they try to learn from their mistakes.

98% said they treat others the way they want to be treated.

Missouri 4-H Grows True Leaders

97% said they like to learn about people who are different from them.

93% said they think about others feelings before they say something.

75% reported feeling comfortable being a leader.

4-H Builds Leadership and Communication Skills

95% help others reach their goals.

86% comfortable speaking in a group.

99% said they show respect for other's ideas.

85% Can work with someone who made them upset.

95% Look for ways to involve all members of a group.

4-H Builds Social and Emotional Skills

94% said they keep trying until they reach their goals.

89% Stop to think about their choices when making a decision.

97% reported that they like to learn new things.

91% of Missouri 4-H'ers surveyed said they are willing to try something they might get wrong.

L



St. Clair County

Missouri 4-H

Local Profiles and Stories



St. Clair County 4-H members participated in the State Shooting Sports competition in Columbia.



Osceola Middle and High School class participated in STEM education led by Mike Dobbs and Kathy Colby.



Roscoe Eagles Poultry Spin Club was a huge success.



MU EXTENSION **Serves MISSOURI and Delivers MIZZOU**
 through credible statewide programs
Agriculture and Environment



MU Extension specialists

play an important role in addressing emergencies and disasters. MU Extension specialists swiftly distribute information so farmers and ranchers can make timely decisions that safeguard their enterprises.



The Missouri Integrated Pest Management Program,

funded by USDA grants, has been an important extension program for 30-plus years. Mizzou IPM distributes articles, pest monitoring data and publications on how to improve the application of integrated pest management strategies and systems.

The MU Soil Testing Program delivers research-based nutrient and lime recommendations to more than 32,500 customers annually.



Management-intensive grazing involves dividing large fields into smaller paddocks and systematically rotating livestock among them. Producers who attend grazing schools learn how to reduce costs through improved livestock, grazing and pasture management while getting insights into fencing, watering systems and grazing system design.

The annual impact of management-intensive grazing is estimated to be \$125 MILLION per year in Missouri.

Legend



Agricultural Growth & Stewardship



Economic Opportunity



Educational Access & Excellence



Health & Well-Being

St. Clair County

Agriculture and Environment

Local Impact

Dr. David Brown, Small Ruminant Specialist

Sheep and Goats Monthly Webinar Session

David Brown, Small Ruminant Specialist, hosts a monthly online webinar session. The webinar attracts producers across the state. Relevant topics that target the needs of the producers are discussed each month.

The webinar is posted on the University of Missouri YouTube channel. The channel currently has 504 online subscribers.

Positive feedbacks are received from the channel each month.

SERVE MISSOURI.

DELIVER MIZZOU.®

Sheep and Goat Monthly Webinar Series

January 30, 2024 12:00 – 1:00 pm

Topic: Common Diseases in Sheep & Goats (Symptoms, Prevention & Management)



St. Clair County

Agriculture and Environment

Local Impact

Osceola Chamber of Commerce



David Brown stressed the importance of diversification & multispecies grazing at the Osceola Chamber of Commerce meeting to 30 participants..

“I never considered the importance of co-grazing before” - Attendee.



Drought Meeting

This drought meeting was held in Appleton City.

Educational topics included small ruminant nutrition & management through drought; forage management & alternatives and market outlook. 10 producers were educated through this program.



St. Clair County

Agriculture and Environment

Local Impact

Sheep & Goat Field Day

Forty-nine producers attended the 1st Annual Sheep & Goat Field Day at Mt. Vernon, MO.

Topics included: Forage & Pasture Management, Integrated Parasite Management Control, Economic Impact of Low Performing Animals, FAMACHA System & 5-Point Check.

“Very relevant, everything directly applied to our goat operation!” – Producer.



St. Clair County

Agriculture and Environment

Local Impact

The Nevada Rotary Club Drought Meeting

Dr. Brown discussed strategies to deal with the current drought at the Nevada Rotary Club meeting held at Country Club Drive, Nevada, Missouri on August 24, 2023



Career Exploration Field Day 2023

David Brown provided educational talk on importance of sheep farming to over 1600 students from 61 schools during the annual Career Exploration Field Day at SW-REEC Mt. Vernon.

“The presentations were highly informative and interactive the presentations were” – Ag Teachers.



St. Clair County

Agriculture and Environment

Local Impact

Missouri Sheep Producers Annual Meeting



David Brown enlightened producers on the role of tannins in goat nutrition at the Missouri Livestock Symposium, Kirksville On Dec, 2,2023.

He discussed his programming at the Missouri Sheep Producers Annual Meeting at Lincoln University Farm, Jefferson City.

“The tannin presentation was a world class presentation” – Producer.



St. Clair County

Agriculture and Environment

Local Impact

Patrick Davis, Livestock Specialist

Drought meeting. For 2 years cattle producers and farmers in my coverage area have been dealing with drought conditions. This drought meeting was held in Appleton City, MO. Educational topics included feeding and managing cattle through the drought, small ruminant nutrition and management, forage management and alternatives, and market outlook. In addition, a Farm Service Agency representative educated participants on financial programs with their organization. The program educated 10 people.

Pork Quality Assurance Trainings

These trainings are set up online as needed to educate people on best management practices of raising swine. Furthermore, these classes provide education so that swine producers can implement what is learned to produce a safe product for the food chain. Trainings were setup and completed by 1 farm in St. Clair County.

Hickory County Bus Tour. This 4-day tour educated cattle producers on cattle operations, university research facilities and history museums in Missouri, Kentucky, Indiana, and Illinois. 3 people from St. Clair County attended the event.



St. Clair County

Agriculture and Environment

Local Impact

Hunter Lovewell, Agronomy Specialist

Native Warm Season Grass Pasture Walk

Date: 8/1/2023

Contacts: 21

This program was a collaboration between MU Extension, MU/MDC Native Grass Group, Natural Resources Conservation Service (NRCS), Missouri Department of Conservation (MDC), and the Vernon County MO Soil and Water Conservation District to have a workshop and pasture walk covering native warm season grasses and the benefits of it for livestock producers. Drexel Atkinson, Soil Health Specialist with NRCS and Harley Naumann, MU Extension Grazing Specialist, provided the workshop presentations. The presentations provided education on the benefits of warm season grasses and the process of converting a percentage of cool season grasses to warm season grasses. Following the presentations, we traveled to Prairie View Stock Farm to see firsthand see part of the process of converting pasture to warm season grasses.

Strategies to Build a Sustainable Forage and Livestock Operation

Date: 8/3/2023

Contacts: 10

This program included Patrick Davis, Wesley Tucker, David Brown, and myself in Appleton City, MO. A variety of topics were covered to discuss how to navigate a drought year as a livestock producer. Patrick discussed cattle management, Wesley discussed economics, David discussed how small ruminants can be a benefit to livestock operations, and I discussed agronomic management strategies to help mitigate the drought conditions for the future.



St. Clair County

Agriculture and Environment

Local Impact

Winter Cattle Feeding and Pasture Management Workshop

Date: 11/30/2023

Contacts: 12

This program consisted of Patrick Davis and myself in Stockton, MO. We discussed a variety of topics of how to manage the cattle herd through the winter during a drought year. Patrick discussed a variety of topics on cattle management including body soundness exams. I discussed frost seeding legumes and the advantages of this practice. I also discussed why soil testing is important to understanding the fertility needs of pasture and hay ground.

Total Contacts: approximately 923+

There were many telephone contacts, farm visits, testing hay, feed and forages for toxicity due to the persistent drought. Many of these contacts were from St. Clair County.



St. Clair County

Agriculture and Environment

Local Impact

Ramon Ancibia, Commerical Horticulture Specialist

MU Extension Specialist based in Bates County to service 9 counties in the West Central Region. As the Field Specialist in Horticulture, the priority is to address the concerns of specialty crop growers in the west central region and statewide in collaboration with other regional specialists.

Face to face farm visits was the main contact method with Amish/Mennonite growers since they don't have access to computers or social media. However, face to face visits as well as phone and emails were contact methods with other produce growers and homeowner. Among the main concerns addressed were soil test results and fertilizer recommendations, soil-borne diseases, foliar diseases, and pesticide use. In addition, assisted produce growers with sampling and submission of samples for plant disease identification and management recommendations.

Extending information and assisting produce growers in their farms are expected to increase local production and the sustainability of the industry.

Planning and upcoming events

1. Engage with growers on a new grant to manage soil-borne diseases in high tunnels.
2. Conduct series of workshops on gardening and hydroponics in covered counties.
3. Bates Co. Soil and Water Conservation District
4. Direct client consultations (farm visits)
5. Train farmers on food safety
6. Chair of the 2024 GPGC and contribute with presentations.
7. Publications

4 county residents participated in a Food Safety for Producers workshop in Osceola.

2 county residents participated in a Growing Tomatoes in the Home Garden workshop in Osceola.



Farm visits/consultations		13
Phone consultations		10
Email consultations		13

St. Clair County

Agriculture and Environment

Local Impact

Mary Sobba, Agriculture Business Specialist

Farm Tax Workshops

MU Extension hosted and taught Farm Tax Workshops for farm businesses and farm and ranch families. The content included farming: hobby vs. business, employee vs. independent contractor, weather related sales, sale or trade of business property, legislative update, 1099s, expiration of key income tax provisions, tax issues arising from the death of a farmer, and depreciating and expensing farm assets.

The workshops were 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 via Zoom, with a total of seventy-seven participants, two of which were from St. Clair County.

Most participants completed an optional post survey. Seventy-five percent reported they had a better understanding of drought issues. Seventy-five percent said they understand the difference between 1099-MISC and 1099-NEC, Eighty-one percent are aware of depreciation methods, Ninety-four percent understand legislation is scheduled to expire. Ninety-four percent recognize year end 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 (88%), meeting with tax preparer and communicate with family members (31%). Plan to communicate with family members about tax issues (69%) and sixty-nine percent plan to review resources before purchasing begins in 2024.

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.

St. Clair County

Agriculture and Environment

Local Profiles and Stories

Missouri Farm Lease Program

A total of 42 participants participated in trainings offered in September through in-person and online classes. One person from St. Clair County participated. The class reinforces the importance of good, clear communication and how it can enhance a farm lease and encourage a healthy landlord-tenant relationship.

Topics covered were current farmland rental rates and future trends, specific items to include in a farm lease, how to legally terminate a farm lease in Missouri, flex leases, and crop and livestock arrangements.

By taking the class, participants gain insight from both the landowner and tenant perspective, encouraging leases that are fair for both parties. This promotes optimal land use leading to more sustainable profitability.

The class encourages better landlord-tenant communication, which lowers conflict and avoids costly litigation.

All surveyed participants from the session hosted at College of the Ozarks in Point Lookout, MO indicated they would recommend the program to others. Over half indicated they would use information learned in the program in evaluating current leases and/or in dealing with leases in the future.



St. Clair County

Agriculture and Environment

Local Impact

Missouri Farm Family

William and Andrea Davis and family of rural Appleton City were among the families honored during the 66th annual Missouri Farm Family Day, Aug. 14 at the Missouri State Fair.

The Davis family was selected as the St. Clair County Missouri Farm Family by University of Missouri Extension in St. Clair County and the local Farm Bureau. The family includes Cameron and Garrett.

Each year, the fair sets aside a day to recognize farm families from across the state that are active in their communities, involved in agriculture, and/or participate in local outreach and extension programs such as 4-H or FFA.

The annual event is sponsored by five partner agencies: the Missouri Farm Bureau; the Missouri Department of Agriculture; the Missouri State Fair Commissioners; the MU College of Agriculture, Food and Natural Resources; and MU Extension.

The event showcases the impact that Missouri farm families have on the economy and heritage of the state, said Missouri State Fair Director Mark Wolfe. "These families are involved in agriculture activities in their communities and are active participants in local outreach and extension. As the premier showcase for Missouri agriculture, the Missouri State Fair is most certainly the appropriate place to celebrate these families."





MU EXTENSION **Serves MISSOURI and Delivers MIZZOU** through credible statewide programs **Business and Community**



The annual **Connecting Entrepreneurial Communities** conference is designed for stakeholders, economic developers, businesses, local government, educators and nonprofits interested in increasing their communities' potential for entrepreneurship. In 2023, the conference offered breakout sessions in Benton County's shops and businesses, providing firsthand insight into the world of entrepreneurial communities.

The 2023 conference drew **104 ATTENDEES**, generating an estimated initial economic impact of around **\$33,000 FOR BENTON COUNTY**.



The **Missouri Small Business Development Centers** (SBDC) provide professional training and customized one-on-one counseling to small businesses across the state. Working with the Missouri SBDC helps business owners make confident decisions.

FY2020-2022, Missouri SBDC ASSISTED 878 STARTUPS and helped Missouri small businesses earn more than **\$440 MILLION**.



Missourians from all walks of life celebrated the **2023 Missouri Good Neighbor Week**, Sept. 28 to Oct. 4, by completing and reporting neighboring acts and nominating others as the most engaged neighbors in their counties.

In 2023, the goal was to document **15,000 acts of neighboring**. That goal was surpassed with **19,752** Missourians being positively affected during **MISSOURI GOOD NEIGHBOR WEEK**.

Legend



Agricultural Growth & Stewardship



Economic Opportunity



Educational Access & Excellence



Health & Well-Being

Local Impact

Small Business Development Center

Name: Definition for County Annual Report - 2023
Layout: County Annual Report - 2023
Cumulative Period Start: 10/1/2022
Current Period Start: 10/1/2022
Scorecard End: 10/31/2023
Funding Source(s): D .1 @ S
Sub-Funding Source(s): ALL
St. Clair County

1. Capitalization – dollar amount of loans, grants, equity, etc. going into businesses over the past year due to the work of SBDC, Apex and TAAC counselors;
2. Sales increase – reported amount sales increases in client businesses over the past year due to counseling and other work done by the team;
3. New businesses started – number of new businesses started over the past year by SBDC clients;
4. Dollar of Awards – dollar amount of government contracts received as reported by clients over the past year;
5. Number of Awards – number of government contracts received as reported by clients over the past year;
6. Job created – number of jobs created, as reported by clients, over the past year;
7. Jobs retained – number of jobs retained, as reported by clients, over the past year;
8. Number of clients counseled – number of unique clients from the county who received counseling services from the SBDC, Apex, and TAAC programs;
9. Number of training event attendees – number of attendees from each county at training events over the past year.

Line No	Data Elements	Value
1.	Capitalization	\$42,890.00
2.	Sales Increase	\$25,000.00
3.	New Businesses Started	2
4.	Dollar of Awards	\$27,024.00
5.	Number of Awards	2
6.	Jobs Created	10
7.	Jobs Retained	445
8.	Number of Clients Counseled	28
9.	Number of Training Event Attendees	58

Local Impact

Barn Quilt Classes

19 residents participated in two separate all day sessions, creating unique, colorful designs on 2 x 2 or 1 x 1 boards to be displayed on barns, garages or on the side of their homes. Everyone enjoyed the projects and the camaraderie that went along with each session. More sessions are planned for 2024.

Multiple participants stated, "That was fun. When is the next class?". Three participants stated, "Jocelyn was so nice and helpful."





MU EXTENSION **Serves MISSOURI and Delivers MIZZOU** through credible statewide programs **Community and Professional Health Education**



The **Missouri Research-Extension** (MO-RE) Protocol program focuses on strengthening the bridge between leading scientific research and community-based practice by creating a dissemination and implementation protocol that will facilitate acceleration of relevant knowledge into the most vulnerable Missouri communities through Community Health Engagement and Outreach.



The **Diabetes Prevention Program** is a CDC-recognized program provided by licensed lifestyle coaches to prevent type 2 diabetes. Through lifestyle coaching participants can achieve sustainable weight loss, increase in physical activity and learn coping skills to manage stress.

More than 1 IN 3 PARTICIPANTS
have reached the
5 - 7% WEIGHT LOSS GOAL.



Recovery Friendly Workplaces (RFWs) foster a workplace culture that promotes employee safety, health and well-being through strategies that support managers and employees, including reducing stigma and providing recovery resources related to the challenges surrounding substance use disorders. The framework was developed in partnership with MU Extension's Labor and Workforce Development Program.

As of 2023, 25 Missouri businesses have been designated recovery friendly workplaces, and 2,248 EMPLOYEES have been trained on addiction, stigma and naloxone distribution.



Legend



Agricultural Growth & Stewardship



Economic Opportunity



Educational Access & Excellence



Health & Well-Being



MU EXTENSION **Serves MISSOURI and Delivers MIZZOU** through credible statewide programs **First Responder Education**



The **Missouri Extension Disaster Education Network** provides education and technical assistance to individuals and families, local governments, schools and organizations so they can prepare for and respond to natural and man-made disasters. Because of the unique relationship it maintains with each community, MU Extension is a key resource for the public, emergency services and public officials.



The programming from the **MU Fire and Rescue Training Institute** (FRTI) is available to all qualified fire and emergency first responders. Seventy percent of courses are held at the local departments or agencies. With most of the state's fire service personnel considered volunteer or part-time, this local access and flexibility assures training opportunities for all firefighters and emergency responders.



The Law Enforcement Training Institute (LETI) has provided basic and advanced training for law enforcement since 1948. LETI's **Basic Peace Officer Academy** exceeds the 600 hours of training required for licensure in Missouri. From 2019 through 2023, the basic academy has licensed almost 300 peace officers, more than any other academy in the state. During that time, all but one graduate became employed by a law enforcement agency. LETI graduates come from around the state and return to their communities to serve and protect.

Legend



Agricultural Growth & Stewardship



Economic Opportunity



Educational Access & Excellence



Health & Well-Being

St. Clair County

First Responder Education

Local Impact

Michael Dobbs, County Emergency Management Director

Recently appointed by the County Commission to the Director role of Emergency Management (EM), I have hit the ground running with strengthening the EM network and revising and/or updating emergency planning. I have held monthly meetings and have grown the EM community to over 190 members which includes but is not limited to police, fire, medical, city/county officials, and key citizens. I have reviewed and revised the county's Emergency Action Plan, which gives us guidance on a multitude of emergency situations and can assist EM with bettering our planning and recovery procedures. Between July 29th -Aug 14th, 2023, St. Clair County was included on Missouri Gov. Parson's State of Emergency Declarations due to destructive storms. From this declaration, I assisted all county and city jurisdictions with the federal recovery grant process and paperwork. I ensured the initiation of the investigation, and that the paperwork would be turned in by the state deadlines. The investigation revealed that the county suffered over \$90,000 in damages which is paramount for recovering, due to other financial burdens or constraints amongst the jurisdictions. I assisted Iconium Fire department in the organizing and structuring of a PowerPoint presentation pertaining to electric vehicle (EV) safety. The information was sourced and provided by a third party, however the data needed to be summarized and placed onto a brief style format for internal first responder training. This brief contained over 80 slides and will aid in up to 6 hours of training for EV safety regarding responding to, dealing with on scene, transporting, and storage of EVs pending a motor vehicle incident. I have further assisted the Iconium Scout Camp with a recent \$133,000 FEMA grant proposal for an updated storm siren system. I initiated meetings and assisted in filing forms to accommodate the process. The grant package is currently under federal review.

KEY OUTCOMES

- ✓ Broad spectrum network of EM members that are willing to help one another in case of an emergency
- ✓ Ensuring a safer community for ~9400 residents
- ✓ Possible recovery of \$67,500 in losses from storm damage-package under FEMA review
- ✓ Helped ~90 first responders become more familiar with EV information aiding with the safety of themselves and the public
- ✓ Increased safety notification for the Scout Camp and the adjacent communities, up to 7,000 people in the peak season, by advancing and updating their outdated siren system

Director of Emergency Management role

Emergency management directors are responsible for planning and leading the responses to natural disasters and other emergencies. Directors work with government agencies, nonprofits, private companies, and the public to develop effective plans that minimize damage and disruptions during an emergency.

St. Clair County

First Responder Education

Local Profiles and Stories

TRAINING ACCOMPLISHMENTS

1/11/23-114 Chapel Dr, Monett, MO 65708: Southwest Missouri Emergency Support Organization (SMESO) / EM quarterly meeting.

1/18/23-14548 Highway H; Mt. Vernon, MO 65712: Regional Homeland Security Oversight Committee (RHSOC) / EM meeting-training

3/6/23-Springfield-Greene County OEM 330 W. Scott Street Springfield, MO 65802: Disabilities Awareness in the Emergency Management Environment.

4/12/23-N Boardwalk; Branson, MO 65616: EM Exercise; Region D IPPW - Regional Integrated Preparedness Planning Workshop

4/24/23- Springfield-Greene County OEM 330 W. Scott Street Springfield, MO 65802: EM-G300 - ICS300 Intermediate Incident Command System

6/16/23- 101 S. Lincoln Ave; Monett, MO 65708: EM: G191 - ICS/EOC Interface Workshop (APS Required Course)

6/20/23- Smith's Restaurant (Green Room), Missouri 13 & Business 54, Collins, MO 64738: Northwestern Region D LEPD Initial Compliance Meeting

6/30/23- CMH Hospital Community Room 1500 N Oakland Ave, Bolivar Missouri 65613: Ozarks IWT Spring After Action Meeting

7/12/23-Bolivar Missouri: Southwest Missouri Emergency Support Organization (SMESO) / EM quarterly meeting.

9/20/23-Benton County: Creating Entrepreneurial Communities conference

UPCOMING EVENTS

- Organizing and initiating a county tabletop exercise dealing with severe weather, HAZMAT, and vulnerable persons
- Identifying a network of community churches to aid with warming shelter needs for the upcoming winter season
- Attend the ICS400 Advanced Incident Command System course-SEMA
- Attend the G2302 Emergency Operations Center (EOC) Leaders Skillset Course



MU EXTENSION **Serves MISSOURI and Delivers MIZZOU** through credible statewide programs **Health and Human Sciences**



Mental Health First Aid equips people to recognize and respond to signs of mental illness and substance use disorders.

The youth version of the program is designed to support adolescents ages 12-17 facing mental health or addiction challenges, while the adult version focuses on adults age 18 and older. Participants learn how to offer initial assistance and guide individuals toward the care they need.

**In Missouri, approximately
1 MILLION ADULTS and 72,000 ADOLESCENTS
suffer from MENTAL HEALTH ISSUES.***

*Missouri Department of Mental Health 2020 Status Report



Preschool through junior high youths learn how to maintain healthy lifestyles through information about nutrition, food safety and physical activity. **Show-Me Nutrition** classes support Missouri's Show-Me education standards for health and physical education and the state's School Wellness Policy.

"We have struggled with our daughter's picky eating for years and have tried so many techniques to try and get her to eat new foods. Your influence on her has worked magic this year. She has come home so excited about trying new foods and has now become not only willing but excited to try new things."

Parent of a Show-Me Nutrition participant



Cooking Matters teaches shopping strategies, using nutrition information to make healthier choices and to learn how to cook delicious, affordable meals at home.

"We prepared barley jambalaya in class and one participant mentioned she had never tried barley before. She tried the jambalaya and really enjoyed it. A few days later she excitedly said she made the recipe at home and her whole family enjoyed it!"

Cooking Matters facilitator about a class participant

Legend



Agricultural Growth
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Educational
Access &
Excellence



Health
& Well-Being

St. Clair County

Health and Human Sciences

Local Profiles and Stories

SNAP-Ed Public Value Statement 2023 – Michael Dobbs, NPA/YPA

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$10,874,798 in federal funds to Missouri. During FY2023, Missouri’s SNAP-Ed program reached over 78,000 Missourians through direct classroom education. Each person participated in an average of 6 hours of education totaling over 15,000 hours. In addition, an additional 760,135 persons participated in indirect education. Direct and indirect education resulted in over 1.8 million total contacts with Missourians.

A total of 554 participants were from ST. Clair 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 the 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.

EFNEP Public Value Statement 2023 – Debbie Dody, NPA

The Expanded Food and Nutrition Education Program (EFNEP) brought \$1,626,730 federal funds to Missouri. These funds were used to enroll 526 limited-resource families in nutrition education and meal preparation classes, representing 1,926 family members. Additionally, 1,980 youth were enrolled in EFNEP classes.

44 of these youth and adult participants reside in St. Clair County.

Participants in EFNEP learn the importance of making healthier meals and snack choices, eating breakfast more often, trying new foods, increasing their physical activity, and making 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.

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 2023, youth and adults were served through direct teaching at schools, community groups and agencies. The following is an example of some of the locations where participants were served in St. Clair County:

Schools	Agencies
Lakeland Elementary	St. Clair County Health Center
Osceola Elementary School	Appleton City WIC