



University of Missouri Extension Davies County 2024



Annual Report

102 N. Main St. Suite 1
Gallatin, MO 64640
660-663-3300

daviesco@missouri.edu





Office of Extension
and Engagement
University of Missouri

Vice Chancellor's Office
108 Whitten Hall
Columbia, MO 65211
PHONE 573-882-2394
EMAIL cchiggins@missouri.edu

December 2024

Dear county commissioners, elected leaders and friends of MU Extension and Engagement,

As we reflect on the past year, I want to express my deep gratitude for your support of MU Extension and for your partnership in enhancing the lives of Missourians.

Your support for MU Extension fuels Missouri's agriculture, strengthens families, prepares our youth and promotes the health, well-being and vitality of our communities. Over the past year, our programs have focused on addressing key needs throughout the state:

- **Expanding access to 4-H:** To make 4-H more accessible, we've introduced more in-school and after-school clubs, reducing barriers and creating opportunities for young Missourians to develop essential skills and leadership abilities.
- **Supporting agriculture and land stewardship:** We're addressing critical issues such as succession planning for family farms, rural mental health, agricultural business management and land stewardship. These initiatives are helping Missouri's farmers plan for the future and preserve the health of our land for future generations.
- **Advancing health initiatives:** Our team of community health field specialists, covering every region of the state, works directly with local leaders to assess health needs and bring UM System resources and expertise to these communities, supporting healthier lives and stronger communities.
- **Promoting economic development:** MU Extension is helping to create economic opportunities by working with individuals, supporting businesses in their growth and collaborating with communities to enhance local vibrancy. Through these efforts, we help bring new jobs, skills and possibilities to Missourians across the state.
- **Providing essential training:** Our continuing education programs prepare Missouri's firefighters and health care workers to meet the demands of their roles with the latest skills and knowledge, ensuring they are well-prepared to serve our communities.

As you read through this annual report, I hope you feel as proud as I do of the accomplishments we've achieved together. The dedication and professionalism of MU Extension's faculty and staff are inspiring, and I am grateful to work alongside them—and each of you—as we make Missouri a stronger, healthier and more vibrant place. Thank you for your continued support and partnership. Together, we are serving Missouri by delivering the University *for* Missouri.

Warm regards,

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

Who we are

Faculty and staff

Jennifer Osborn

Extension Engagement Specialist

Kathy May

Office Manager

Rachel Brown

Field Specialist in Community Health

Jessica Trussell

Field Specialist in Human Development

Jim Crawford

Field Specialist in Agri Systems Technology

Denise Ferguson

Field Specialist in Agricultural Business

Todd Higgins

Field Specialist in Horticulture

Connie Griffith

Nutrition Program Manager

Shawn Deering

Field Specialist in Livestock

Bart Skroh

Youth Program Associate

Kaylie Walker

Field Specialist in Nutrition and Health

Rhonda Lippold

Nutrition Program Associate

Becky Simpson

Field Specialist in 4-H Youth Development

Jackie Spainhower

Field Specialist in Community Development

Council members

Jayla Smith, Chair

Alicia Chrisman, Treasurer

Lori McLaughlin, Secretary

Cody Bird

Kelsey Bird

Mani Bird

Kayley Cox

Darlene Cullen

Will Grady

Terry Jarboe

Chretta Mastin

Wayne McNeely

Wayne Uthe



County commissioners

Jum Ruse— Presiding Commissioner

David Cox - North District

Wayne Uthe- South District

Budget and more

Appropriations budget

Income

County Appropriations	27,999.96
Total Income	27,999.96

Expenses

Salaries/Benefits	16,744.00
Payroll Expenses	2,500.00
Travel	3,000.00
Rent Space/Equipment	4,200.00
Office Supplies/Service	1,210.96
Insurance	195.00
Election Expense	150.00
Total Expenses	27,999.96

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



SERVE MISSOURI.
DELIVER MIZZOU.



Local Support

Did you know you can donate directly to Daviess 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.



Youth Development



On My Own



The On My Own program is an interactive financial simulation designed for youth ages 13-18 and was developed by the Consumer Economics team of the department of Family and Consumer Sciences at the University of Tennessee. The program is delivered in Missouri by MU Extension through a partnership with University of Tennessee Extension. During the simulation, students become the major income provider for their household which may include a spouse and/or children. Using a hypothetical occupation and income, students work through a month of expenses including housing, utilities, transportation, insurance, food, childcare, clothing, entertainment, and other expenses resulting from unexpected events. Throughout the Daviess, Dekalb, Gentry, Harrison and Worth County area, the program was carried out by Becky Simpson, Field Specialist in 4-H and Youth Development, along with Youth Program Associates and 70 adult volunteers.

Pictured above are students participating in the On My Own Program in Daviess County.



Missouri 4-H Positive Youth Development

4-H Camp

Area youth were able to participate in 4-H camp at Camp Crowder. Three kids from Daviess County joined in activities, learning, and more. Area volunteers also contributed to the event to make it a success. Overnight Clover Kid Camp was held and hosted 32 youth and their parents. 227 youth campers and counselors attended 4-H Camp.





Business & Community

Community Development Programming

Belonging

Place-based communities building social capital and inclusivity through neighboring, civil dialogue, placemaking, etc.

Contribution

Residents (particularly those at the margins) participating in civic life and engaged in decision making (volunteering, attending public meetings, voting)

Leadership

Diverse community leaders (including those who typically have less power and influence) collaborating for action and bridge-building

Vitality

Residents, organizations, governments, co-creating conditions for equitable, thriving, resourceful places

Under the guidance of the University of Missouri - St. Louis, MU Extension’s Community Development faculty help to build Civic Muscle, which is defined as the collective strength of people in a place (neighborhood, town, region) to respond to challenges and proactively pursue thriving communities. Community Development Specialist, Jackie Spainhower coaches communities to build four key “muscle groups”: **Belonging, Contribution, Leadership, and Vitality** by providing educational programs and technical assistance. Included are some examples of community development in 2024.



Faculty and staff in the Northwest Region came together in late 2024 to create and distribute the monthly Extension Express newsletter, intended to highlight programming, events, and activities happening in the region’s 20 counties. Knowing about Extension programs and class offerings helps create a stronger sense of belonging and connection between faculty, staff, council members, elected officials, and program participants within the Region. The Extension Express newsletter is currently distributed to over 350 people each month.

Neighborhood Leadership Academy (NLA) is a 10-week community development leadership program that provides participants with the skills, confidence, and strategies to plan and implement projects in their own communities. Participants come from across the entire state and meet virtually using Zoom. The program provides participants with 30 hours of educational instruction, group and individual coaching that will assist them with completing their project. Participants that complete the program are eligible to apply for mini-grants to support their projects.



Scan the QR Code and subscribe to receive the Extension Express!

What participants said about NLA:

“I enjoyed the breakout sessions. Although we are from all different backgrounds, communities, we all want the same things in our communities.”



Business & Community

NOVA Program and Entrepreneurial Mindset Profile Certification

During the summer, Community Development Specialist, Jackie Spainhower assisted with the facilitation of the first statewide NOVA (Nurturing Original Ventures & Ambitions) Program, which was a virtual entrepreneurial mindset summer camp for neurodivergent high school students. In early August, 2024, four students graduated from the course that was designed to help students understand the characteristics of successful entrepreneurs, identify and leverage natural talents, create a strategy to develop entrepreneurial skills, and prepare to lead in environments that value creativity. Following the course, Ms. Spainhower completed the training to become a Certified Practitioner of the Entrepreneurial Mindset Profile (EMP), the program used to develop the NOVA Program. The EMP is a short assessment that measures seven characteristics that distinguish entrepreneurs and seven skills critical to entrepreneurial success. The assessment can be administered to individuals or groups looking to work more cohesively together in creative and innovative settings. As a coach, Spainhower can administer the assessment, as well as coach individuals and teams to better individual and group outcomes.

What participants said about NOVA:

"This class has really opened my eyes to how much I can contribute, and it's changed the way I think about my own abilities."

"I feel like I can turn my passions into something real, something I can build a future with."

CONNECTING
ENTREPRENEURIAL
COMMUNITIES
Extension



CEC MONTHLY Exchange

Bookend your month with knowledge and resources for facilitating rural economic development through entrepreneurship!

Connecting Entrepreneurial Communities

The Connecting Entrepreneurial Communities (CEC) Conference took place in Fulton on September 17-19, and we welcomed 122 people for the event. In 2024, the conference focused on youth entrepreneurship, networking and relationship building, removing barriers, and technology and innovation. Attendees had 30 educational breakout sessions to choose from, along with keynote sessions featuring local and national speakers as well as representatives from the University. Next year's conference will take place a little closer to home in Excelsior Springs. As a supplement to the Conference, this year we created a twice monthly webinar to share information about sessions at the upcoming conference and other relevant information about rural economic development and innovation. These webinars will continue in 2025, and the focus will be on stories of collaboration in rural communities across Missouri. In 2024, eight people from the Northwest Region attended the CEC Conference in Fulton, and 16 people from the region participated in the monthly CEC webinars.





Agriculture & Environment

MU Feedlot Schools

Teaching producers to finish cattle on Missouri farms can have a huge impact on the overall economy of the state. In 2024, Livestock Specialist, Shawn Deering and colleagues hosted four MU Feedlot Schools held in the state. In total, one hundred forty-nine people attended. We are very encouraged by the number of younger beef producers that have attended these schools. In 2025, Extension Livestock Specialists plan to hold another three MU Feedlot Schools in Missouri and start holding MU Beef Stocker/Backgrounding Schools.



Area beef producers listening to Tim Saunders of King City, MO explain his cattle feeding operation on the Northwest Missouri Cattle Feeders Tour.

Northwest Missouri Grazing School

In late June 2024, the northwest region hosted twenty-five forage and livestock producers for a three-day Northwest Missouri Management Intensive Grazing School. The evaluation results from this year's school were excellent and we had multiple producers who attended based on recommendations from previous attendees.

Native Warm Season Grass Plots

Native warm season grass plots at Hundley-Whaley Extension and Engagement Center. MU Extension Field Specialist sampled and obtained Paddock Trac readings on three of the plots to determine yields and submitted forage samples for quality analysis.

KEY SUCCESSES

- ✓ MU Feedlot School attendees received education on nutrition, health, marketing, economics, facilities and financing
- ✓ Tours to new and existing cattle finishing facilities allowed participants a firsthand view of cattle feeding in Missouri
- ✓ Funding from the Missouri Agricultural Small Business Development Administration was key to this educational program



Skid loader with telehandler at MU Beef Feedlot School



Eastern Gamagrass Plots at Hundley Whaley May 30, 2024. Shawn Deering pictured above.



Ag Business and Policy

Farm Tax Workshops



The Farm Tax Workshop was held to help producers be better prepared to work with their tax professional. The topics included in the workshop included retirement and social security planning, corporate transparency act, depreciation and section 179, conservation tax issues, sales and exchanges, items set to sunset with upcoming tax cuts, & jobs act and more. The workshop was provided for free and was taught by Ag Business Specialist, Denise Ferguson as well as a team of other specialists in the state.

Options to participate were made for in-person throughout the state as well as online.

Farm Leases for Row Crops and Livestock/Pasture

Missouri farmers, ranchers and landowners were able to get their hands on the latest trends and insights on farm leases with the Agricultural Business & Policy Program. Denise Ferguson and colleagues hosted two days of interactive webinars on crop leases followed by livestock and pasture leases. Attendees learned about current rental rates and land values, tips on negotiating the terms of a lease agreement and specialized topics based on crops and livestock and pasture leasing.

Join MU Extension to gain insights into
CURRENT TRENDS IN FARM LEASES

NOVEMBER 6
 Livestock and pasture farm leases
 Webinars at noon and 7 p.m.

NOVEMBER 7
 Crop farm leases
 Webinars at noon and 7 p.m.

Webinars tailored to trends and considerations for crop, livestock and pasture leases - **TWO** opportunities to tune in!

MUEXT.US/CURRENTTRENDSLEASES

MU Extension University of Missouri MU is an equal opportunity/affirmative action/pro-disabled and veteran employer and does not discriminate on the basis of sex in our education programs or activities, pursuant to Title IX and Title VII of the 1964 Civil Rights Act.

The U.S. Department of Agriculture reports that 9.7 million acres of Missouri agricultural land was rented to farmers in 2022.

Weatherization and Renewable Energy



MU Extension Field Specialist in Ag Engineering Jim Crawford (pictured left), addresses weatherization and renewable energy during workshops and responding to inquiries:

- Energy conservation /weatherization – Steps and processes people can use to reduce their energy costs at home.
- Renewable energy – home and commercial scale wind and solar energy production systems. According to Crawford, “People want to know about these systems, can they reduce their electric bills, estimated paybacks and how does a large, commercial scale solar or wind farm being constructed near me affect my property values, my family and my lifestyle.”
- Jim provides unbiased, research-based data to them on both of these, sometimes very complex, topics.



Horticulture & Community

Horticulture, the science and art of cultivating fruits, vegetables, flowers, and plants, plays a pivotal role in benefiting communities in multifaceted ways:

- Contributes to food security by providing communities with a diverse range of fresh and nutritious produce additionally reducing dependence on external food sources
- Promotes healthier lifestyles by providing low impact exercise, eye-focus health, fresh air and natural vitamin D.
- Garden Clubs and Extension Master Gardener activities furnish shared horticultural spaces, foster social cohesion, and bring people together to cultivate a sense of belonging and shared responsibility.

Beyond the social aspect, horticulture enhances:

- Environmental sustainability of communities by promoting green spaces
- Reducing urban heat islands and supporting biodiversity.

Additionally, horticultural activities often provide therapeutic benefits, promoting mental well-being and stress reduction. Overall, horticulture not only addresses practical needs but also enriches the fabric of communities, fostering health, connectivity, and environmental stewardship.

My activities this past year were designed to make the connections necessary to provide directed programming that meets the needs of the diverse communities in northwest Missouri.

Horticulture



Extension Master Gardener Training

In 2024, Horticulture Specialist, Todd Higgins managed and collaborated on EMG in NW MO. This “train the trainer” program supports horticulture in many ways and can often be focused to meet the need of the local community. It supports the benefits of horticulture and benefits the community with volunteer activity. Gwen managed two 30-hour training sessions in NW MO. As a result of these activities, NW MO can claim approximately 30 new EMG trainees that will help problem-solve and teach horticulture-related topics. These volunteers help facilitate other horticulture programs such as the youth Garden-n-Grow program (pictured left).



Horticulture – Community - Economy



In Daviess County, the community has a strong connection between horticulture, the economy, and community at the North Missouri Produce Auction. MU Field Specialists in Horticulture provide support to the farmers to identify issues with fruit, vegetables, herbs, and plants that are then sold at the auction. The individual buyers at the auction are able then to stock their businesses to further drive the economy, not only in Daviess County, but beyond. The North Missouri Produce Auction is just one example of this intersect... Community connection to the Amish and Mennonite populations is clear in the businesses in Daviess County as well.





Health & Human Sciences

SNAP-Education

The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$11,145,237 in federal funds to Missouri. The funds support engagement with 74,864 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri who learned about being active and healthy eating on a budget. This year we had 1,164,143 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

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. **1,585 direct and indirect contacts were made in Daviess County!**

Schools	Agencies
North Daviess Elementary	Pattonsburg Senior Center
Pattonsburg Elementary	Active Aging Resource Center
Winston Elementary	Pattonsburg Baptist Church Mobile Food Pantry
Covel D, Searcy Elementary	Daviess County Health Department
Tri-County Elementary	

Rhonda Lippold, Nutrition Program Associate (pictured below) shared a success story:

The Gallatin Bright Futures Organization held a Back-to-School Fair. They had a great crowd! There were youth there that remembered their Show Me Nutrition lessons during the last school year that stopped by to visit. The students told their parents about the food we tasted or activities that we did. It was exciting to know that they remembered our classes and were able to share with their parents the things we did during the last school year. Several of the children asked if they were going to have nutrition classes again this year. There was great excitement when they learned that the plan was to return during the coming school year!





Health & Human Sciences



Truth or Trend

Podcasts reach new audiences by offering easily accessible, on-demand content that fits into people's busy lives. With the flexibility to listen anywhere – during commutes, workouts, or downtime – podcasts attract listeners who might not engage in our traditional programming. Truth or Trend by Nutrition and Health Specialist, Kaylie Walker, **is on trend** and is being accessed in the northwest region and beyond. Kaylie, pictured above received the Innovator Award for creating the Truth or Trend Podcast.

Total downloads in United States and 17 other countries: 827

Topics included:

- Coconut Water
- Intimate Relationships
- Canning
- Fitness Trends
- Community Engagement
- Benefits of Short Amounts of Exercise
- Soy Products
- BMI
- Vegetarian and Vegan Diets
- Weight Loss Injections
- Caffeine



Chronic Disease Self-Management

The Chronic Disease Self-Management program, sometimes referred to as Living a Healthy Life with Chronic Conditions, is an interactive program designed to empower individuals living with a chronic condition. This workshop provides practical tools and strategies to help participants take control of their health. Participants learn techniques to manage pain, fatigue, stress, healthy eating and physical activities, how to communicate with healthcare providers, problem-solving and goal setting, and strategies to improve mental and emotional well-being.

This program was offered in Daviess County in 2024.



Health & Human Sciences

Mental Health First Aid



Jessica Trussell teaching virtual Mental Health First Aid.

In 2024, Human Development and Family Science Field Specialist trained 82 individuals through Mental Health First Aid training, including both Youth and Adult modules offered virtually across all nine counties in my coverage area. Mental Health First Aid equips participants with the knowledge to recognize risk factors and warning signs of mental health challenges and provides an overview of common treatments. The program has been proven to:

- Improve understanding of mental health conditions
- Reduce stigma surrounding mental illness
- Increase the amount of support provided to those in need

By delivering this training, Trussell contributed to fostering healthier communities and empowering individuals to provide critical mental health support when it is needed most.

What was most helpful in Youth MHFA? *“For me, to learn about different situations and new perspectives helped me the most because it shows other sides, I may not have thought about that could help me further assist the youth I service.”* - YMHFA Virtual Participant

Building Strong Families

In 2024, the Human Development and Family Science team partnered with the Missouri Department of Social Services Children’s Division to deliver five 6-session online parenting classes. These classes equipped parents with essential skills in communication, stress management, discipline, and positive parenting behaviors, supporting families working toward reunification.

The program reached 81 parents across 32 Missouri counties, providing 800 hours of parenting education that positively impacted 167 children. Parents reported applying skills learned to:

- Communicate more effectively
- Manage stress
- Foster their child(ren)’s self-esteem
- Engage in positive parenting practices
- Balance work and family responsibilities

Parenting education for at-risk parents aiming to maintain or regain custody is estimated to save Missouri’s foster care system \$6,924 per child annually (Missouri Department of Social Services, 2024). In 2024, this program contributed to an estimated total savings of \$1,156,308 for the state.

Jessica Trussell played a key role in this effort, teaching five sessions and moderating four. Participants from her nine-county coverage area included residents from Carroll (1), Daviess (2), Harrison (7), and Livingston (6) counties.

This initiative not only strengthened parenting skills and improved family dynamics but also significantly reduced financial strain on Missouri’s foster care system, demonstrating the vital impact of parenting education.



Community Health

Community Health Needs Assessments to Drive Change

In late 2024, MU Extension's [Community Health Engagement and Outreach \(CHEO\)](#) combined forces with [MU Extension's Health and Human Sciences \(HHS\)](#) department. Together Extension can play a key role in advancing population health and equity. Rachel Brown, Field Specialist in Community Health has helped to share this vision in the communities that she serves. Deep dives into community data collection were done. Rachel created a Community Health Needs Assessment and collected data using a Community Voices survey. Based on the results, she chose 3 areas of focus specific to their communities: one chronic health condition, one cancer, and one emerging issue. Mental health and substance use disorder were emerging issues in the Northwest region. Brown has contributed immensely in her role in the Northwest Region in these areas in particular.

Coalition Building

Rachel has worked to build coalitions across the region and has contributed to work groups to advance work addressing behavioral health awareness and reducing stigma. A significant achievement was bringing Vive18 to the area. According to Brown, “ We worked hard to bring an exciting opportunity to the youth of Northwest Missouri. In November, students from Atchison, Daviess, DeKalb, Harrison, Gentry, Nodaway, and Worth Counties spent the day at the VIVE18 Experience, an event that focuses on reducing substance use in youth by empowering them to make positive choices that serve the lives they want to live. This effort has been made possible through collaboration across each county involved. From crowd sourcing funds to event coordination and beyond, the coalition partners involved in making this possible should be proud! In addition, Vive18 was provided to youth in Daviess and Caldwell counties. Photos on the right show the event in Nodaway County. The region should see benefits for years to come.



Key Successes

- Developed a partnership with telehealth network healthcare providers to promote Show-Me-ECHO
- On 6/14 and 6/26, Brown held virtual sessions of *The Brain and the Disease of Addiction*. Participants learned about the science behind substance use disorder. Coalition leaders, health department staff, and prevention specialists were engaged in these sessions.
- In June, Rachel completed Leadership Northwest giving her significant insight into the issues faced by the Northwest region and helped her to make connections that will last a lifetime with leaders across the region.
- Assisted NWCC in securing \$18,000+ funding for a regional substance use prevention program coming to many counties in the region



Community Health

Coalition Work in Daviess County



3C Power in Partnership is a group of volunteers dedicated to the prevention of alcohol, drug and tobacco use and misuse. The group aims to provide support, education and awareness to the communities that it serves. The group is led by Shonna Morrison and has had great achievements in pursuing their mission. Field Specialist in Community Health, Rachel Brown, serves on 3C board and helps to guide work in the field of prevention.



Northwest Health Services oversees the Rural Communities Opioid Response Program (RCORP) a HRSA grant aimed to combat the use of substance use disorder. The grant brings together agencies, volunteers, and peer support specialists to guide the work of the grant. MU Extension staff are very active in this work with Northwest Health Services. In addition, Northwest Health holds grants to improve behavioral health in the northwest region.

Grand River CIT Council

To follow through with the work of the Sequential Intercept Mapping, Jen Osborn, Extension Engagement Specialist has worked with the Grand River CIT (Crisis Intervention Training) Council. CIT is intended to provide law enforcement with needed training to be able to address individuals and situations when behavioral health conditions may come into play. The CIT council is working on training for the area. In addition, the group is meeting to address issues that law enforcement see in the community, such as homelessness, substance domestic violence. The group is collaborating with the hospital, the justice system, and mental health providers.





County highlights

Missouri Farm Family in Daviess County

Josh and Mandy Prescott and daughter of Coffey were among the families honored during the 67th annual Missouri Farm Family Day, Aug. 12 at the Missouri State Fair.

The Prescott family was selected as the Daviess County Missouri Farm Family by University of Missouri Extension in Daviess County and the local Farm Bureau. The family includes daughter, Allie and friend Gavin Wilmes.

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 Jason Moore. "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."

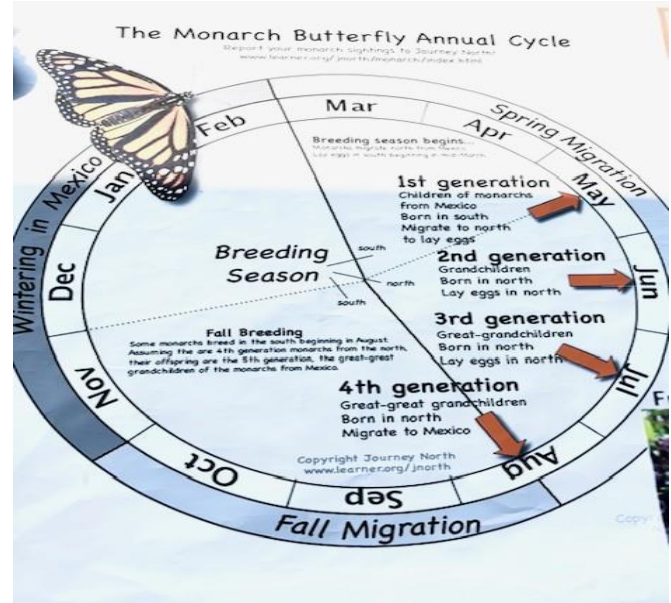




County highlights

Highway 13 Butterfly Trail

The Highway 13 Butterfly Trail is a project expanding from Caldwell County. The group aims to connect the butterfly migration to local communities to support their flight, provide education regarding pollinators and pollinator friendly plants, bring community connectedness through common vision and to promote local economies. Extension Specialists Jennifer Miller, Gwen Funk and Jennifer Osborn have worked on this project in Daviess County. In addition, MU Extension and Lincoln University entomologist, Emily Althoff is contributing extensively to the educational aspects of the project. The butterfly trail is in very early phases, but small achievements have been made to identify key individuals to collaborate on the project, identifying potential partner projects in the community, developing master pollinator training, and investigating agricultural impacts.



HIGHWAY 13 BUTTERFLY TRAIL

MISSION STATEMENT

The Highway 13 Butterfly Trail offers education, involvement and assistance to private, public, corporate, agricultural and other land managers in developing sustainable habitat for butterflies, other pollinators and wildlife.

Daviess County



University of Missouri System

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UM System Footprint in the county in 2024



FY24 county students

37 students

- 30 Undergraduates
- 7 Graduate and professional students
- 29 Full-time students
- 8 Part-time students
- 11 Pell grant recipients (aid year 2024)



County employees and retirees

4 people employed by UM

- 4 Campuses



County alumni

Selected school alumni

- 4 Medicine
- 9 Nursing
- 4 Health Professions
- 2 Dentistry
- 5 Pharmacy
- 3 Veterinary Medicine
- 62 Agriculture
- 19 Engineering
- 6 Law

Alumni teaching K-12

- 9 teachers
- 6.8% of all district teachers



County breakdown

MU

- 23 students
- 125 alumni
- 4 employees

UMKC

- 8 students
- 46 alumni
- 0 employees

Missouri S&T

- 5 students
- 14 alumni
- 0 employees

UMSL

- 1 student
- 2 alumni
- 0 employees



County properties and offices

MU Extension in: Daviess County



County population: 8,449



County services provided

Health care (FY24)

- 32 in-state patients seen at MU Health Care, with \$36,626 of uncompensated care
- 4 in-state patients seen at UMKC School of Dentistry with a statewide average of \$52.57 per patient in uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 167 visits to 113 patients having ZIP codes associated with the county

Extension (2023)

- 1,679 Total educational contacts from MU Extension to residents of the county, including:
 - 28 contacts related to productive farming, better gardening, and managing natural resources
 - 1,601 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development
 - 22 contacts related to starting businesses, developing community leaders, or renewing the local economy

Daviess County



University of Missouri System
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UM System Statewide Footprint

Economic and Community Development Highlights

- In FY23, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 98,527 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 FY18 and FY23, UM System brought Missouri more than \$1.58 billion in federal and private research funds, funded primarily from outside the state, but spent within the state.



In FY24, UM System was issued 29 patents and filed 69 new U.S. patent applications.

- In FY24, the UM System awarded 707 design and construction project contracts throughout Missouri, for a total investment of \$287.3 million in the state.



In FY24, to improve access to medical and health related services, MU Health Care's Missouri Telehealth Network's Show-Me ECHO program provided 16,687 hrs of case-based instruction to 3,113 learners located in 105 of 114 Missouri counties and the city of St. Louis.

Education and Training Provided



40,542 police, fire fighters, and medical professionals attending continuing education (2023)



Agriculture and natural resource programs served 369,077 farmers and related businesses (2023)

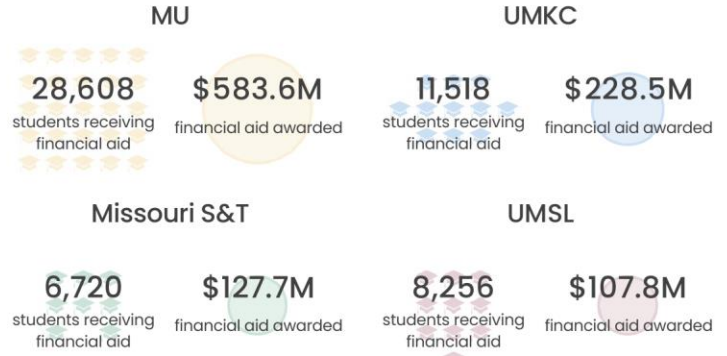


210,577 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2023)

Education Highlights

FY24 Financial Aid Awards

In FY24, 69.7% of the UM System's 79,014 students received financial aid totaling \$1.048 billion



UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 58 higher education institutions (230,000 students), 484 K-12 school districts (830,000 students) and 134 public libraries (serving nearly 3 million Missourians) in 2023.

- UM System awarded 50.5% of the 31,689 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2023-24.
- UM System awarded 35.0% of the 1,776 research doctorates and 26.8% of the 3,796 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2023-24.
- In FY24, UM System's \$30.7 million in National Science Foundation (NSF) grants represented 96.9% of all NSF grants made to Missouri public colleges and universities.
- In 2024, over 12,400 Missourians accessed mobroadband.org, part of the UM System Broadband Initiative which helped the statewide build-out of high-speed internet infrastructure.

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 2024, 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

