



UNIVERSITY OF MISSOURI EXTENSION

Dunklin County

2021 ANNUAL REPORT



**Office of Extension
and Engagement**
University of Missouri

Vice Chancellor's Office

105 Witten Hall
Columbia, MO 65211

PHONE 573-882-2398

EMAIL StewartMars@missouri.edu

December 1, 2021

Dear county commissioners and friends of MU Extension and Engagement,

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

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

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

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

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

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

Sincerely,

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

Who we are

Faculty and staff



Michael R Milam
title County in Community Economic Development
Engagement

Kim Holsten
title Office Manager

Sharon Sutherland
title Nutrition Program Associate

Lavonda Swindle
title Nutrition Program Associate

Richard Rickman
title County Engagement Specialist

Juan Cabrera-Garcia
title Field Specialist in Horticulture

David Reinbott
title Field Specialist in Agriculture Business

Mary Engram
title Field Specialist in Human Development

Richard Proffer
title Field Specialist in Community Development

Nancy Keim
title Nutrition Coordinator

Richard Rickman
title Specialist 4-H

Council members

Chairman Angelica Moore
Vice-chairman Susan Moore
Secretary Ramona Whitlock
Treasurer Chris Kaiser
Kim Glover
Leah Fortner
Linda Lesslie
Theresa Martinez
Sandy Self
Mariann Wright
Matthew Mobley
Jill Rickman



County commissioners

Don Collins Presiding Commissioner
Ron Hubber Commissioner 1st District
Patrick McHaney Commissioner 2nd
Kent Hampton, County Clerk

Budget and more

Appropriations budget

County Appropriations	40,000.00
Investment Income	66.53
Total Income	40,065.53

Expense	
Salaries/Benefits	28,219.86
Travel	1,034.73
Telephone	3,772.59
Office Supplies	3,734.69
Insurance	802.00
Rent	5,100.00
Miscellaneous/Repairs	1,455.50
Postage	391.95
Repairs	<u>307.25</u>
Total Expenses	<u>45,273.57</u>
Loss	5,207.04

Key outcomes and numbers

- Successfully completed Pesticide Application Training
- Worked with High School Biology Students
- Partnership with Hispanic – English as a Second Language
- Partnership with St. John AME-Community Garden

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



Local Support

Did you know you can donate directly to Dunklin 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.

County highlights

County Engagement in Community Economic - Michael R. Milam

Pesticide Applicator Training

Due to the COVID-19 situation, the Missouri Department of Agriculture and the U.S. Environmental Protection Agency approved two alternative methods for completing Private Pesticide Applicator Training (PPAT) in 2021.

Option 1: Zoom video teleconference. Option 2: Drop-ins were allowed to review the Private Pesticide Applicator Reference Manual and fill out the study guided during face-to-face training. I conducted five sessions at SEMO-Kennett and worked with several chemical dealers to assist them in getting their customers trained. This training is for anyone who handles dicamba and 2,4-D

Individual Consultations

This year was also troubled by dicamba drift or volatilization. I worked with commercial producers and homeowners and the Missouri Department of Agriculture's Bureau of Pesticide Control (BCS). Dr. Ivan Cavaca and I met with BCS inspectors and a nursery owner to review damage that was quite extensive. I have made my view known to the University of Missouri College of Agriculture, Food, and Natural Resources and to the BPC. Dicamba has affected nurseries, commercial horticulture, and home gardens and ornamentals in yards. Some of the applications were probably due to lawn services applying the phenoxy herbicides after the cut-off date. Vegetables included tomatoes, green beans, squash, okra, and cucumbers.

Booth at the KTMO Farm Show and Auction

Richard Rickman and I represented University of Missouri Extension and Jimmy Shepard represented the Lincoln University Small Farm Program. We visited with producers and venders at the program. Visiting with the agricultural community helps us to stay focused on their needs.

County highlights

County Engagement in Community Economic - Michael R. Milam

High School biology II Presentation, Collections, and Identification

I have been working with the Biology II instructor at Kennett High School, Katie Porterfield. I speak to her classes about insects, and we plan an insect collecting field day for her students at the Ben Cash Conservation Area. Thirty-two students enrolled in these classes. I presented information about where to collect insects and general information that would help them with their collections. During the class, I provided three orders, springtails, thrips, and bark lice for many students. The Ben Cash trip had nine students. I also bring in extra material such as mushrooms, tree bark, and leaf litter to share these insects with the students. Since beginning this program, over 700 students in school or at the field day have been taught ecological principles. I also set up sessions where students could come by our office for help in identification of insects. I worked with two students and a parent during the summer. The use of a black light to attract insects was very effective. I also use other methods to attract insects. Personal communications with students and student essays show that this program is successful.

Bed Bug Identification and Resources

The number of bed bugs seen this year were less than previous years. Many of them are associated with public schools. I think one reason the numbers were less was because there was less movement in the general population due to COVID. I participate with the Bootheel Bed Bug Taskforce and provide training for school nurses and other groups I provide best management practices for the home care providers, and I have worked with several groups on bed bug policies. I am finding resources from Ohio State, Michigan, Virginia, and Tennessee.

County highlights

County Engagement n Community Economic – Michael R. Milam

Partnership with the Hispanic Community-English as a Second Language

The English as a Second Language class is in its second year. Mirra Collins is the instructor. The class had six participants in the spring. The 40 hours and the post tests were completed. The class was not held in November due to COVID. This class is scheduled to start again in the spring. If we can find participants, the grant includes GED training.

Partnership with the Hispanic Community-Migrant and Seasonal HeadStart

I am the Community Representative for Missouri on the United Migrant Opportunity Services (UMOS) Migrant and Seasonal HeadStart (MSHS) Policy Council. I am also a member of the UMOS Board of Directors. This meeting is held quarterly but has been virtual this past year and a half due to COVID. I attend the monthly Policy Council meetings either by phone or online. The Policy Council works very closely with the Missouri/Arkansas MSHS Director Tracy Gill. I did assist with the planning of the raised bed gardens at two of the MSHS centers this year. Due to COVID, I was not able to visit the centers and work with the students and the teachers.

Partnership with the Hispanic Community-Alliance for Farmworker Concerns

The Alliance for Farmworker Concerns is a multi-agency endeavor to assist farmworkers. The assistance is often through the UMOS Farmworker Program and the Missouri Job Service. We met in November through a Zoom meeting. Each group shares what programming or assistance is available through their agency. We had a total of 17 participants representing Missouri, Arkansas, Texas, and Wisconsin.

County highlights

Partnership with St. John's African Methodist Episcopal Church-Fruit of the Spirit

I am a board member for the Fruit of the Spirit ministry. It was formed by Reverend Dinah Tatman, pastor at St. John's AME Church. This board reviews grant opportunities and grant applications. We have a \$20,000 grant for a pilot program from the Alzheimer's Association. In addition, a \$10,000 grant from the Black Food and Justice Alliance to help with the community garden. They have also pledged money to buy a small tractor.

Partnership with St. John's African Methodist Episcopal Church-Community Garden

After the St. John's AME Church took over the Kennett Community Garden, Richard Rickman and I took over the responsibility of the kid's garden. We had donated seed and plants. The vegetables were tomatoes, peppers, squash, green beans, and okra. During the growing season, we harvested over 100 pounds of produce. These vegetables were taken to the church for distribution or taken to individuals who had needs.



Bee Box



4-H Member Planting Sunflowers

County highlights

Earned Income Tax Credit Outreach and Education

Richard Rickman and I participated with MU campus faculty on a grant to provide education to increase participation in the Earned Income Tax Credit program. We were asked to participate because of the increased number of Hispanics in Dunklin County. We provided information to the UMOS and Migrant and Seasonal HeadStart staff. We also participated in the Project Connect event sponsored by the Family Counseling Center-Behavioral Health. We gave out literature. We also had newspaper articles and a radio program to increase awareness.

Safety Program at Jones Park

Richard Rickman and I had a table at the Safety program held at Jones Park the last day of summer school. South Elementary School provided the students. This program was organized by Mariann Wright, 4-H Youth Specialist with Lincoln University. We presented on safety in the home. We had a wide variety of ordinary objects that could be dangerous in the home. Some of the dangers included: choking hazards, objects that could result in falls, or electrical dangers.

Social Media



[**MU Extension of Dunklin County**](#)

County highlights

Agriculture Business and Policy Southeast Missouri Region – David Reinbott

The Agriculture Business program is focused on providing information on agricultural profitability to farmers, crop consultants, landowners, agricultural bankers, grain merchandisers, and those in the agricultural business field. In 2021, over 100 participants from multiple counties in Southeast Missouri attend the virtual Southeast Missouri Crop Management Conference. At the meeting, I spoke on grain marketing outlook and strategies farmers need to implement to increase profitability and to double the economic impact of agriculture in Missouri by 2030.

The passage of the 2018 Farm Bill brought on additional ongoing educational opportunities. Using a combination of social media, email, and direct contacts, I was able to reach over 1,500 farmers and landowners on the ARC and PLC election choices for 2021. I presented the economic analysis between the program choices of PLC, ARC-Co, and ARC- IC.

MU Extension Tax Schools were online via Zoom. The schools were designed for those who prepare taxes including enrolled agents, tax preparers, CPA's, individuals and attorneys. The training included updates on legislation, rulings and cases, individual taxpayer issues, agricultural and natural resources topics, IRS rules and regulations, business issues, retirement issues, real estate tax issues, payroll and tax credit issues, QBI deductions, trusts and estates, and

ethics. The 2021 school attendance totaled 260 people statewide.

Participants by number from Southeast Missouri included Bollinger -2; Cape Girardeau-10; Iron – 1; Madison – 1; New Madrid – 2; Pemiscot – 1; Perry-3; Scott-3; Stoddard – 1; and Wayne – 2.

Beginning in 2020 and continued into 2021, a new partnership began between the University of Missouri Extension Agriculture Economics Department and the Missouri Small Business Development Centers (SBDC). In working in partnership with SBDC more resources will be made available to provide personalized assistance, financial management education, business model pivots, and value proposition identification, for Missouri agriculture producers. For more information, contact your county extension office and they will get you in contact with a business counselor.

Additional educational programming included a weekly crop market update that went out to over 1,600 individuals through email and was posted on my Southeast Missouri Facebook page. The 2021 crop budgets for Southeast Missouri were used by farmers, crop consultants, landowners, agricultural bankers, and lawyers in the Southeast Missouri multiple county region. The crop budgets are used for cash flow planning, economic analysis, farm rental analysis, and marketing plans.

County highlights

Family Nutrition Education Program

SNAP-ED Public Value Statement 2021

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

A total of 2,731 direct and 1,130 indirect contacts were made in Dunklin 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 efforts also reduces healthcare costs over the participant lifetime, saving taxpayer money in reduced public healthcare benefits and insurance premiums.

A total of 3,861 direct and indirect contacts were made in Dunklin County.



Lavonda Swindle



Sharon Sutherland

County highlights

Community Garden



County highlights

Community Garden



County highlights

4-H at Delta Fair



County highlights

4-H Activities



County highlights

Triad activities



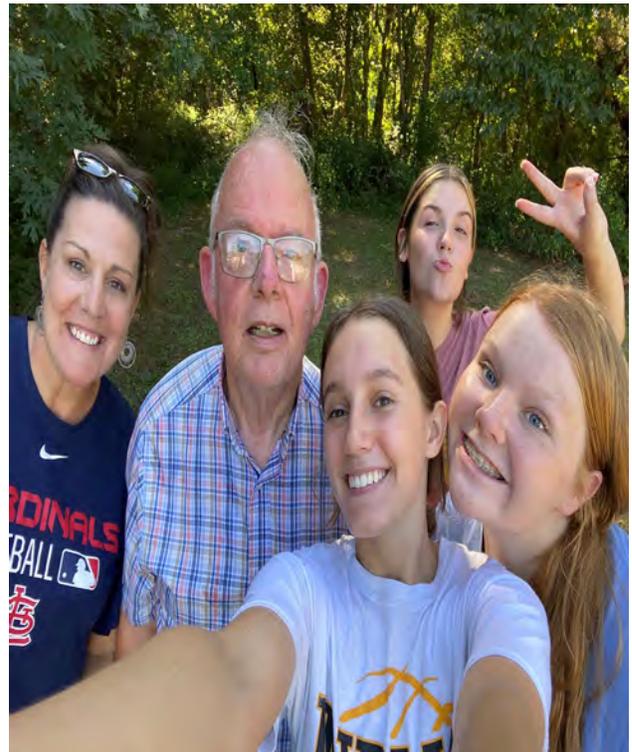
Strategic Doing in Risco



City-wide Cleanup in Risco

County highlights

Insect Collecting with the Biology II class.



County highlights

2021 UM Systemwide Impact Data Sheets

Dunklin County



University of Missouri System

COLUMBIA | KANSAS CITY | ROLLA | ST. LOUIS

UM System Statewide Footprint

Economic and Community Development Highlights

- In 2019, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 54,494 jobs.



For every dollar invested from 2015 to 2017, the MU Extension Business Development Program has returned \$120 in economic impact for its clients by increasing sales more than \$1.19 billion. For a total impact of \$2.7 billion, the program has generated more than 29,000 jobs and attracted nearly \$347 million in capital investments and \$1.17 billion in government contracts.

- Between FY15 and FY20, UM System brought Missouri more than \$1.27 billion in federal and private research funds, funded primarily from outside the state but spent within the state.



In FY21, UM System was issued 30 patents and filed 60 new U.S. patent applications.

- In FY21, the UM System awarded 722 design and construction project contracts throughout Missouri, for a total investment of \$132.0 million in the state.



In FY21, MU Health Care's Missouri Telehealth Network Show-Me ECHO Program participated in 24,400 hours of case-based discussions with 3,017 community providers located in underserved areas in the City of St. Louis and 111 of the 114 Missouri counties.

Education and Training Provided



50,604 police, fire fighters, and medical professionals attending continuing education (2020)



Agriculture and natural resource programs served 147,623 farmers and related businesses (2020)



295,444 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2020)

Education Highlights

FY21 Financial Aid Awards

In FY21, 71.1% of the UM System's 78,208 students received financial aid totaling \$923 million

MU		UMKC	
27,882	\$494.9M	11,441	\$197.4M
students receiving financial aid	financial aid awarded	students receiving financial aid	financial aid awarded
Missouri S&T		UMSL	
7,121	\$121.6M	9,184	\$109M
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 57 higher education institutions (250,187 students), 491 K-12 school districts (850,000 students) and 136 public libraries (serving nearly 3 million Missourians) in 2020.

- UM System awarded 50.4% of the 30,932 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2020-21.
- UM System awarded 39.2% of the 1,897 research doctorates and 26.4% of the 3,606 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2020-21.
- In 2021, UM System's \$22.5 million in National Science Foundation (NSF) grants represented 84.1% of all NSF grants made to Missouri public colleges and universities.

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 2021, based on the best available and most recent data. Data Sources include: Missouri Office of Administration • UM IR • Office of Social and Economic Data Analysis (OSEDA) • 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





University of Missouri

2021 MU Annual Fire Safety and Security Report

The University of Missouri Police Department (MUPD) is committed to assisting all members of the MU community in providing for their safety and security. As required by the U.S. Department of Education pursuant to the Jeanne Clery Act, the 2021 ANNUAL FIRE SAFETY AND SECURITY REPORT is available at:

[https://mupolice.missouri.edu/sites/default/files/uploaded-files/2021 Annual Fire Safety and Security Report.pdf](https://mupolice.missouri.edu/sites/default/files/uploaded-files/2021%20Annual%20Fire%20Safety%20and%20Security%20Report.pdf)

A link to the report is also available at <http://mupolice.missouri.edu/mupd/>

Paper copies of the report are available at the University Police Department, 901 Virginia Avenue, or by calling Kevin Rodgers at (573) 882-2187. The report contains information on campus security and personal safety, including crime prevention, university police law enforcement authority, crime reporting policies, disciplinary procedures, fire safety, fires that occurred in residence halls, and other important matters about safety on campus. It also contains statistics for the three previous calendar years (this report spans 2018-2020) regarding reported crimes that occurred on campus, in off-campus buildings or property owned or controlled by the University, and on public property within or immediately adjacent to and accessible from the campus.

Note: These numbers are not the same as UCR crime statistics which also are reported by the department to the Missouri State Highway Patrol monthly. Information on the department's UCR reporting is available on the department's web site at: <http://mupolice.com/mupd/stats>