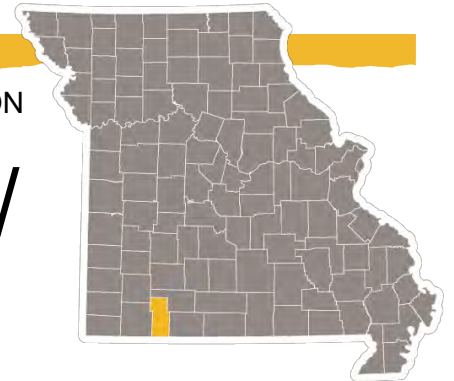




UNIVERSITY OF MISSOURI EXTENSION

# Stone County

2022 ANNUAL REPORT





December 2022

Dear county commissioners and friends of MU Extension and Engagement,

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

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

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

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

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

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

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

Sincerely,



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

**Stone County**  
**University of Missouri**  
**Extension Center**

**108 E. Fourth St**  
**Courthouse, 2<sup>nd</sup> Floor**  
**PO Box 345**  
**Galena, MO 65656**  
Telephone (417) 357-6812  
Fax (417) 357-8442

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**Stone County**  
**Extension Council**

OFFICERS

Brad McCain, *Chair*  
Parker Blubaugh, *Vice-Chair*  
Alexandra McCain, *Secretary*  
Joanne Anderson, *Treasurer*

MEMBERS

Wayne Blades  
Aubree Chisam  
Brian Cutbirth  
Jerad Finch  
Seth Fortner  
Tim Hejlek  
Greg Rogers  
Jim Sleper  
Pam Sleper  
Deana Wolfe

YOUTH REPRESENTATIVES

Evan Brandsma  
Olivia Finch  
Reese Hejlek

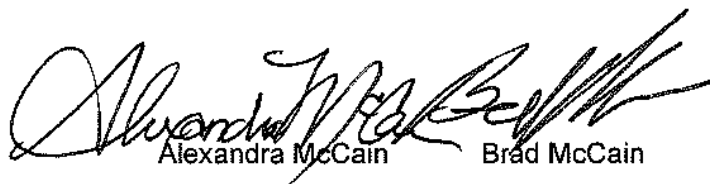
The Stone County Extension Council and Staff would like to thank you the Commissioners for their constant and continuous support and funding in the last 96 years for the programs we provide to the residents of our county. We are committed to improving people's lives by helping them meet the challenges they face with research-based education and information.

We are constantly looking at the present and future needs to develop and continue to improve our programs. Program efforts include agriculture profitability and viability, business and economic development, health and nutrition and youth development to help build family and individual strengths, and efforts to protecting our environment. Efforts to provide this programming includes series of lessons, short courses, on site farm meetings, newsletters, phone consultations and one on one as well as growing choices for internet interaction.

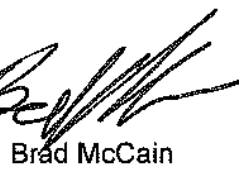
As the Extension is continuing to go through changes in university staffing, we want to insure you we are always committed to our goals of helping to improve the lives of people of our county and beyond.

As we address the challenges of the future, we appreciate the continued support of the Stone County Commissioners. In addition, we salute the many volunteers, community leaders, organizations and businesses, our Extension Council members and our staff who have given their time and talents to help the residents of Stone County.

Submitted by,

  
Alexandra McCain

Council Secretary

  
Brad McCain

Council Chair

  
Jenni Nevatt

County Engagement Specialist



# WHO WE ARE

**MU EXTENSION:** Using university research and science-based knowledge, University of Missouri Extension works with people to understand change, solve problems and make informed decisions. MU Extension addresses a wide range of needs that fall into three grand challenges for the state of Missouri; Economic Opportunity, Educational Access and Excellence, Health and Well-being. We offer in-person and online programming, publications and information in these major interest areas: Agriculture and Environment, Business and Community, Health and Safety, Youth and Family.

MU Extension is a partnership of the University of Missouri campuses, Lincoln University, the people of Missouri through county extension councils, and the National Institute for Food and Agriculture of the U.S. Department of Agriculture.

MU is a land-grant university, meaning it is a part of a federally mandated mission to carry the benefits of university research beyond campus. Federal legislation in the 1800s provided for the donation of public land to individual states. Missourians chose to apply their land grants to the existing Columbia campus. This created two universities in one — a land-grant institution leading in research for all citizens of the state, across the nation and around the world, and an intellectual center to advance liberal arts scholarship. Today, through statewide offices, publications and web-based services, extension faculty in every county of Missouri continue to carry the benefits of MU research throughout the entire state.

Every Missouri county, by Missouri State Statutes, has a University of Missouri Extension Council comprised of elected and appointed citizens. State law confers the right for councils to work with MU Extension faculty to act as educational brokers, putting the interests and concerns of local people



together with the resources of our land-grant University so people can obtain their goals. The MU Extension Council strives to support our three impact areas of Economy, Education, and Health, and represent the diverse sectors of Stone County by its membership.

Through a network of county offices, the University of Missouri solves problems and engages with communities across all 114 counties and the City of St. Louis.

MU faculty, staff and elected council members, who live in your community, work with you to identify local interests and issues and then offer relevant programming and resources to meet the unique needs of you and your community. Our job is to partner with communities to find solutions with credible, science-based information that will help you:

- Grow safe and healthy food
- Build and grow profitable businesses
- Improve your health and relationships
- Increase agricultural production
- Update professional training in business, health and safety
- Engage youth as valued, contributing citizens

## Contact Us

Email: [StoneCo@Missouri.edu](mailto:StoneCo@Missouri.edu)

Website: <https://extension2.Missouri.edu/stone>

Social Media:  
<https://www.facebook.com/MUExtStoneCounty>

Phone: 417-357-6812

Stop By: 108 East 4<sup>th</sup> Street, Galena, MO 65656

We are located on the 2<sup>nd</sup> floor of the  
Stone County Courthouse.

## WHO WE ARE **CONTINUED...**

### Vision statement

University of Missouri Extension is a valued and trusted educational solution to **improve the quality of life in Missouri**, the nation and the world.



### Mission statement

Our distinct land-grant mission is to **improve lives, communities and economies** by producing relevant, reliable and responsive educational strategies that enhance access to the resources and research of the University of Missouri.

### Values

•**Respect** - Respect for one's self and for others is the foundation of honor and the basis for integrity. A hallmark of our community is respect — for the process by which we seek truths and for those who engage in that process. Such respect is essential for nurturing the free and open discourse, exploration and creative expression that characterize a university. Respect results in dedication to individual as well as collective expressions of truth and honesty. Respect is demonstrated by a commitment to act ethically, to welcome difference, and to engage in open exchange about both ideas and decisions.

•**Responsibility** - A sense of responsibility requires careful reflection on one's moral obligations. Being responsible imposes the duty on us and our university to make decisions by acknowledging the context and considering the consequences, both intended and unintended, of any course of action. Being responsible requires us to be thoughtful stewards of resources — accountable to ourselves, each other and the publics we serve.

•**Discovery** - Learning requires trust in the process of discovery. Discovery often fractures existing world views and requires acceptance of uncertainty and ambiguity. Therefore, the university must support all its members in this lifelong process that is both challenging and rewarding. As we seek greater understanding and wisdom, we also recognize that knowledge itself has boundaries — what we know is not all that there is.

•**Excellence** - We aspire to an excellence that is approached through diligent effort, both individual and collective. Pursuing excellence means being satisfied with no less than the highest goals we can envision. Pursuing excellence involves being informed by regional, national and global standards as well as our personal expectations. We recognize and accept the sacrifices, risks and responsibilities involved in pursuing excellence, and so we celebrate each other's successes. We commit ourselves to this process in an ethical and moral manner.

•**Engagement** - We are committed to being an engaged learning organization focused on greater access and inclusivity. This commitment comes with a responsibility to listen to and collaborate with our communities, participants and stakeholders. Engagement is demonstrated by a reciprocity and partnership where knowledge and its application are exchanged in an atmosphere of mutual respect. Engagement enriches scholarship, fosters relevant responses and enhances social and economic outcomes.

## Faculty and Staff



Jenni Nevatt  
County Engagement Specialist, Nutrition & Health



Tim Schnakenberg  
Field Specialist in Agronomy



Catherine Sell  
4-H Youth Associate



Amanda McCormick  
Nutrition Program Associate



JoEtta Bowling  
Office Manager

## Stone County Extension Council Members

Brad McCain, Chairman  
Parker Blubaugh, Vice-chairman  
Alexandra McCain, Secretary, Farm Bureau Rep.  
Joanne Anderson, Treasurer  
Aubree Chisam  
Brian Cutbirth  
Jerad Finch  
Seth Fortner  
Kathryn Kufahl  
Greg Rogers  
Jim Sleper  
Pam Sleper  
Deana Wolfe  
Tim Hejlek, City of Kimberling City  
Wayne Blades, Commission  
Evan Brandsma, Youth Representative  
Olivia Finch, Youth Representative  
Reese Hejlek, Youth Representative

**The Stone County MU Extension Council** is a council of elected and appointed citizens who guide local educational programming. County council members are partners in the entire educational process, from needs assessment through program implementation and evaluation of outcomes. Council members work with regional specialists to provide the county educational programs, manage finances of local extension operations, provide personnel to carry out Extension activities, and elect and organize the local Extension council.

## County Commissioners

Mark Maples, Presiding Commissioner  
Wayne Blades, Northern Commissioner  
Hank Smythe, Southern Commissioner



# Finances

Appropriations Budget	
<b>Income</b>	
County Appropriations	58,000
<b>Total Income</b>	<b>58,000</b>
<b>Expenses</b>	
Salaries/Benefits	40,739.39
4-H Associate Salary/Benefits	5,718.09
Travel	2,175.67
Telephone	3,215.86
Office Supplies/Services	2,111.97
Equipment Lease	3,131.08
Insurance	872.00
Capital Repairs	66.35
<b>Total Expenses</b>	<b>58,030.41</b>

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



## Local Support

Did you know you can donate directly to Stone 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.

## Let us help you give to support MU Extension



**Give to MU Extension**  
**James Preston**  
Assistant Executive  
Director  
MU Extension  
Advancement  
Phone 573-884-8570



**Give to Missouri 4-H**  
**Rachel Augustline**  
Director  
Missouri 4-H Foundation  
Phone 573-884-7641



# Agriculture

## STONE COUNTY LIVESTOCK AND FORAGE

There were around 125 people who attended the Stone County Livestock and Forage Conference in Crane in February. This conference has its roots in the county since 1931. The program focused on several topics pertinent to area farmers in 2022 including strategies for improving cow reproduction, lessons learned from the bull breeding soundness clinics and making good hay in bad weather. One hundred percent of the participants in an evaluation stated they learned information that help them make changes on their farm operation. Also, 100 percent indicated that the program met or exceeded their expectations. Stone County farm producers are an economic generator for the local economy. When they suffer economically, their farm product suppliers (feed and fertilizer dealers, hardware stores, fuel suppliers, seed dealers, etc) also suffer. Their economic situation can tie directly to food costs in grocery stores. This program addressed ways this sector in the county economy can remain viable.

Tim Schnakenberg  
Field Specialist in Agronomy  
417-357-6812  
SchnakenbergC@missouri.edu



## 38th ANNUAL SPRING FORAGE CONFERENCE

There were 420 farmers and ranchers from across Southwest Missouri who attended the 38<sup>th</sup> Annual Southwest Missouri Spring Forage Conference. There were fourteen concurrent sessions were held throughout the day on a variety of topics of interest to most grass producers. This event is a partnership between University of Missouri Extension, Natural Resources Conservation Service, Soil and Water Conservation Districts, Missouri Department of Conservation and Missouri State University.

## GRAZING SCHOOLS PROMOTED MANAGEMENT-INTENSIVE GRAZING

. Grazing schools continue to provide the most in-depth training on how to be successful with Management-intensive Grazing (MiG) practices. These three-day schools are unique to Missouri and have set a standard for teaching and demonstrating the newest grazing concepts. Schools were offered in 2022 in Christian, Greene, Newton, Jasper and Lawrence counties. The schools allowed farmers to think differently about how they manage their pastures and have become a very effective tool. There were nearly 150 livestock producers who attended the sessions. Numerous presentations were offered along with on-farm field trips to evaluate pasture grazing systems.

## PESTICIDE ENVIRONMENTAL AND SAFETY TRAINING WAS IN-PERSON AND ON-LINE

There were six Private Applicator Training sessions held in 2022 in Cassville, Springfield, Galena, Clever, Mt. Vernon and Taneyville. In addition, pesticide applicators benefited from a 1.5-hour prerecorded Zoom session that was used for training statewide. This program was developed by field specialists in agronomy, Sarah Kenyon, Jill Scheidt and Tim Schnakenberg. Several classes were offered virtually across the state. This training is something farmers must be retrained on every five years in order to maintain a private pesticide license to purchase and use Restricted-Use pesticides.

# Agriculture

## MISSOURI NATIVE GRASS WORKSHOP OFFERED IN MOUNT VERNON SOUTH

With a growing interest in using native grasses and forbs as a forage for pastures and hayfields, a native grass workshop was conducted at the Southwest Research, Extension and Education Center in Mt. Vernon in July. This program was duplicated the next day at the Forage Systems Research Center in north Missouri. There were 65 participants who came from a large area in Missouri and Arkansas.



## REGIONAL HAY SCHOOL OFFERED IN APRIL

A day-long program on hay production was offered near Springfield in April. There were 21 people who attended from all over the region. Six extension staff presented topics on many aspects of hay production.



## CALVING CLINIC AT COLLEGE OF THE OZARKS

Twenty-eight Livestock producers from throughout Southwest Missouri assembled at College of the Ozarks for a calving clinic in January. This program covered all aspects of the calving process including demonstrations on pulling calves and tubing them. This has been a very popular and effective program offered by MU Extension.





# Agriculture

## AREA PRODUCERS WIN BIG IN THE OZARK EMPIRE FAIR HAY SHOW

There was outstanding participation this year for the Ozark Empire Fair hay show with 45 entries submitted from nine counties. Several ag specialists traveled to 24 farms to collect samples of the entries. This was a great opportunity to help producers better educate themselves on hay quality. Counties represented this year included Lawrence, Dade, Christian, St. Clair, Webster, Stone, Barry, Greene and Dunklin counties. One bermudagrass entry came as far as Kennett, Missouri in the bootheel. The highest-testing entry and champion dry hay came from Glenn and Toni Obermann of Monett. It was an alfalfa-orchardgrass third-cutting hay entry that was harvested on July 13. It produced a 241 Relative Forage Quality (RFQ). The champion haylage was entered by Groves-McDonald of Billings, Missouri. **It's cutting date was May 9 and the RFQ was 205.** All entries were judged solely on RFQ as they have been since 2017. The show has occurred since 1985. Tim Schnakenberg served as Superintendent for this show. The show this year was dedicated to the late Eldon Cole, who served **as superintendent for the past 37 years at the fair.** Eldon's dedication to hay quality education and improved cattle nutrition was unparalleled in extension.



## DROUGHT AFFECTED FARMERS ONCE AGAIN IN 2022

After a rainy spring, a serious drought set in during June and lasted through October in Southwest Missouri. There were many issues related to limited grazing, reduced hay production, toxic forage due to prussic acid and nitrate issues, early corn silage harvest and uncertainty about having plenty of grazed forage and stored forage for the fall and winter months. There were many nitrate tests conducted at extension centers across the region to test the potential for toxic forage. The Extension staff across southern Missouri planned regional drought recovery meetings late in the summer to address appropriate cow culling, early weaning fall forage options, forage toxicity concerns, market outlook and supplementing poor quality hay. On August 17 a program occurred in Springfield during the morning and in Mt. Vernon in the afternoon. There were about 95 farm producers who participated. In addition, extension agronomists in the drought affected areas of Missouri were heavily involved in assessing the severity of the drought and reporting those estimates to Farm Service Agency to determine the level of NAP drought assistance that farmers will receive.

## TOWN HALL ZOOM MEETINGS

On-line town hall meetings covering topics in forages and livestock as well as horticulture were offered through July in 2022. These were conducted monthly in many cases. Each time, producers from many counties across Missouri participated. This effort provided a very thorough compilation of topics and speakers throughout the growing season. The town hall meetings were simulcasted to the MUJPM You-Tube channel and to Facebook Live. All total, between the forage/livestock and horticulture town halls, there have been over 300 videos that have gone on the web since April, 2020 when COVID began. There are 2,150 subscribers to the You-tube channel to date. On-demand views reported for many of the programs are impressive



# Master Gardeners of the Ozarks

## Agriculture



### Master Gardeners of the Ozarks – 2022 Report

#### Master Gardener Total Impact

For 2022, the Master Gardeners of the Ozarks fulfilled their commitment to take on high-impact and ambitious projects. A total of 5,129 hours were reported in 2022 by sixty-three master gardeners who served the entire year and reported. This was a 24 percent increase in hours submitted compared to 2021. The first-year Master Gardeners are expected to provide 30 hours of service and seasoned master gardeners are only expected to provide 20 hours. This year the master gardeners who submitted hours each averaged 81 hours of service! According to the latest figures from the Independent Sector organization, the hourly wage value for U.S. volunteer hours currently is \$29.95. If you put a value on the education and service hours provided to the community, the amount totals almost \$153,613 worth of volunteer time! Continuing education is an important part of volunteer service. The master gardeners reported 935 hours of continued education this year. This averages to 15 hours per person. They are expected to submit a minimum of 6 hours of continuing education each year.

#### Membership, Organization and Structure

As of year-end, there were 102 master gardeners in the Master Gardeners of the Ozarks chapter. Of these, there are 54 who reside in Stone County, 42 in Taney County, four in Christian County, four in Barry County and two who reside in Boone County, Arkansas. The master gardeners were led this year by Wanda Nicol, president, Sherry Drinkall, vice-president, Ann Symington, secretary, and Cathy Preator, treasurer. Tim Schnakenberg served as advisor for the master gardener activities in the Stone and Taney County area. The chapter met monthly, alternating between locations in Stone and Taney County and the executive committee met monthly between meetings. The chapter is very proud to say that there are 37 Emeritus members who have served at least ten years in the program. Six of these members were honored in December for 20 years of service.

#### Internal Grant Program Funded Seven Special Projects

The internal grant committee in 2022 allocated \$4,822 for eight projects: Kimberling Senior Center, Kimberling Area Library **Children's** Garden, Bonniebrook, Pregnancy Life Line, Faith Lutheran Church, Festival of Trees, Forsyth Demonstration Garden and Cape Fair Community Center. The committee was chaired by Penny Meador. Funds for projects originated from local educational program activities and fund-raisers.

#### Master Gardener Courses Brought in New Members

Three new master gardeners were trained through the statewide on-line master gardener courses. A graduation



*There was a first in our chapter in 2022 with six Master Gardener emeritus members who were honored for their twenty years of service. L to R: Carol Gerhart, Belle Bechtold and Jane Schwarz. Others honored were Josie Roetto, Cathy Wolven and Carol Frische.*



*Four members were honored as 10-year Emeritus members from the class of 2012. L to R: Becky Arnoldy, Sherry Nave, Tom Riley and Bruce Sisk.*

# Master Gardeners of the Ozarks



Shepherd of the Hills in December.

## Spring Garden Workshop Brought 219 Participants

The spring gardening workshop tradition in Branson continued with 219 people participating. **“Drift Into Gardening”** was the theme. Ninety-five percent of participants reported that they plan to make changes in their gardening as a result of attending. A raffle, fundraiser and plant sale fetched \$3,495, providing funds for grant projects and scholarships. Mary **O’Brien** and Marie Ewing served as co-chairs.



*A scene from the Spring Gardening Workshop in Branson*

## Fall Gardening Workshop Attracted 121 Participants

The gardening public enjoys participating in the Fall Gardening Workshop for reliable advice on gardening in the Ozarks. There were 121 participants that attended in Reeds Spring in September. **“Light Up Your Fall”** was the theme. Ninety-three percent of participants reported that they plan to make changes in their gardening as a result of attending. \$2,147 was raised for grant and scholarship projects through the plant sale, raffle and sales. Joanne Anderson served as chair of this project.



*One of the eighteen tour stops at the Garden Tour. Here, Cathy Preator discusses food preservation with guests.*

## Bohemian Garden Rhapsody Garden Tour

Bonniebrook near Branson was the site of a very successful garden tour this year. An outstanding educational tour with eighteen tour stops were scattered over the homestead. This very well attended event was co-chaired by Mary **O’Brien** and Becky Arnoldy. The Bonniebrook Historical Society partnered with the Master Gardeners to make this happen.



*Volunteers at a Kimberling Area Library Children's Garden work day*

## Twelve Garden Programs Offered on a Regular Basis throughout Stone and Taney Counties

In Forsyth and Kimberling City, there are garden programs offered every month during the growing season for the gardening public. This year, twelve programs were offered and they were all taught by master gardeners. At the Kimberling Area Library, there were 144 participants. Kathryn Kufahl chaired that effort. Numerous people also attended the **“Morning in the Garden”** garden series at the Forsyth Demonstration Garden. Marie Ewing chaired that series. Topics covered this year included seed starting, home hobby greenhouse, garden tool maintenance, annuals – color for the summer, tomatoes, Japanese maples, preserving and using herbs, dahlias, succulent propagation and creating combinations in the garden.



# Master Gardeners of the Ozarks



Grace Tate receives the \$1,000 master gardener scholarship for 2022. Chairwoman of the committee, Tonya Lewis, made the presentation.



Chris, Grace and Emerson Nash from Old Hat Farms hosted the June master gardener membership meeting near Reeds Spring. Old Hat Farms is a CSA, a Community Supported Agriculture

Master Gardener Scholarship Offered to College Student Education is the primary function of master gardeners and many proceeds from educational events go toward scholarships for college students majoring in horticulture or a similar field. Tonya Lewis coordinated this effort. For 2022, the recipient for a master gardener \$1,000 scholarship was Grace Tate who was planning to attend Missouri State University in the fall and major in Agriculture Education.

Festival of Trees Efforts Raised Funds for Local Food Pantry The Festival of Trees project tree by the Master Gardeners raised \$1,229 to support Christian Action Ministries (CAM) food pantry in Branson. Their tree won the **People's** Choice Award for the second year in the row. Joanne Anderson lead this project.



Volunteers at Pregnancy Life Line harvesting vegetables for families in our community.



Gardens at Faith Lutheran Church in Branson benefited by the grant funds this year.

Education and Improved Landscape Emphasis in our Communities Some of the many other ongoing projects that made a significant impact in local communities included the **Speaker's** Bureau, Bonniebrook Homestead landscaping, Forsyth Demonstration Garden, Corps of Engineers Project Office Landscaping, Central Crossing Senior Center landscaping, Cape Fair Community Center landscaping, Ozarks Lake Country Senior Center garden, Kimberling Area Library Children's Garden, Harvest Community Garden in Shell Knob, Broiler Festival booth and the Stone County courthouse landscaping. There were many more smaller projects that are too innumerable to cover, but combined they make a startling impact throughout our region.



# Impact Update

Kelly McGowan  
Field Specialist in Horticulture  
417-874-2955  
[mcgowank@missouri.edu](mailto:mcgowank@missouri.edu)



2022 – Horticulture Annual Report     **Greene, Christian, Stone, Taney and Dallas Counties**

## ENGAGEMENT WORK

### Lavender Research Outcomes

Served as principle investigator on project; research includes four colleagues; 17 one-on-one consultations; 1 national poster presentation; 1 regional poster presentation; 10 invited presentations with 411 attendees total; 4 research plots around the state including 1 new plot in 2022 and one replanted plot in 2022; 6 articles and video updates; 2 radio interviews; 1 tv interview; 3 workshops around the state with 326 attendees; 2 distilling demonstrations.

## KEY OUTCOMES

- ✓ Partnership with Convoy of Hope to provide Farmer Training programs to hurricane devastated regions of the Bahamas.
- ✓ Led core training classes for new Master Gardeners (32 students; 11 classroom sessions) and Master Naturalists (24 students; 8 classroom sessions; 4 field sessions).
- ✓ Coordinated and oversaw day-to-day operations of 465 volunteers.
- ✓ 222 Soil test interpretations for countries served.



## Media

29 TV Interviews, 5 Radio Interviews, 9 Newspaper, Newsletter, and Magazine Articles

## Volunteers

Coordinator of Master Gardeners of Greene County (290 members), Christian County Master Gardeners (53 Members) and Springfield Plateau Master Naturalists (122 Members)

## Actions Planned for 2023

- New project titled “Increasing Farm Sustainability and Local Food Security through Grafted Tomatoes”. Will involve workshops and on-farm demonstrations of grafted tomato use and production.
- Production of short educational videos
- Hydroponic growing demonstrations and workshops
- Lavender research continues



## *Stay Strong, Stay Healthy* at Kimberling Area Senior Center

- **Objectives:** help older adults **improve quality of life** by **increasing physical activity, decreasing sedentary behaviors, increasing fruit and vegetable consumption**
- **10 of 10 improved** in the Chair Stand Test, which assesses **lower-body strength and endurance** needed for activities such as climbing stairs; walking, and getting up from a seated position
- **9 of 10 improved** and 1 of 10 stayed the same in the Sit-and-Reach Test which assesses **lower-body flexibility** important in joint pain control and needed for activities such as putting on socks and shoes, dressing and using stairs
- **10 of 10 improved or stayed the same** in the Back Scratch Test which assesses **upper-body and shoulder flexibility** needed for activities such as combing hair, dressing and reaching
- **10 of 10 improved** in the 8-Foot Up-&-Go Test which assesses the **agility and balance** needed for activities such as standing quickly from a seated position and walking
- **All** first time participants reported **“very confident” or “confident”** that they would be able to **continue the strength training exercises on their own**

10 PARTICIPANTS:  
ALL completed 75%  
or more of program

### Participant quotes after 8 weeks of Stay Strong, Stay Healthy in Kimberling City:

"I have become stronger and my balance is much better."

"Increased my knowledge of the muscles I need to ensure that I can remain an active senior. It helped me to understand that exercise is vital to my well being as I age."

"My posture improved as well as my commitment to exercise."

"I am stronger and more stable when doing yard work."

"Made me aware of the need to add strength training to my exercise program to increase my strength and flexibility."

"My balance is better, my back is not as sore."

"I would recommend this class to everybody."

"I don't need to go to the chiropractor as much now."

"I have more strength. I can mow my whole, hilly lawn at once. I used to have to do it in halves."



Pictured Above: SSSH warm up  
Pictured Below: seated row exercise



## *The Waste-less Kitchen; Reducing personal food waste* at the Kimberling Area Library **10 participants**

**Objectives:** examine food systems, examine environmental and economic impacts of food waste, consider strategies for reducing personal food waste and local gleaning initiatives.

## Diabetes Self-Management Education

in partnership with **Stone County Health Department** and **Regional Arthritis Center** hosted by **Kimberling Area Library**

- 8 registrants, 5 “completers”
- **Objectives:** lower A1C levels, prevent or reduce diabetes complications, **improve quality of life**, lower medical expenses
- **Outcomes:** of participants surveyed...
  - 75% felt more confident in their ability to take care of their diabetes
  - 100% improved their ability to deal with problems caused by diabetes
  - 75% increased their independence and ability to carry-out routine daily activities
  - 100% improved the physical symptoms caused by diabetes
  - 100% improved the emotional distress (i.e., depression, etc.) caused by diabetes
  - 100% changed something (action or knowledge) based on what they learned or experienced



**Public Health**  
Prevent. Promote. Protect.  
Stone County Health Department  
Making Lives Better



### Participant quotes after 6 weeks of DSME in Kimberling City:

**"I learned to eat different things that are good for my body."**

**"I will make sure I see my health care professionals regularly."**

**"I have learned so much in this class. I will continue the physical activity and diet."**

**"The tool that helped me the most was action planning."**



## *Tai Chi for Arthritis and Falls Prevention*

in partnership with **Stone County History Museum, Crane**

- **Objectives:** improve balance, strength, and flexibility while decreasing arthritis stiffness and pain and preventing and reducing falls
- **Outcomes:**
  - 8 participants completed 75% or more of program
  - 8 of 8 indicated their concern about falling does not interfere with normal social activities with family, friends, neighbors or groups
  - 7 of 8 indicated assurance in ability to protect themselves if they fall
  - **8 of 8** indicated assurance in ability to **increase physical strength**
  - **8 of 8** indicated assurance in ability to become **steadier on their feet**
  - 7 of 8 strongly agree or agree they feel more comfortable increasing physical activity because of this class
  - 8 of 8 would recommend this program to others



**Participant quotes after 8 weeks of Tai Chi for Arthritis and Falls Prevention in Crane:**

"I feel improvement in my steadiness and am more cognizant of where my feet are."

"You and your tai chi class are an answered prayer!"

"My mind now tells me to transfer weight before stepping. My husband is doing tai chi from his chair now."

"I am sleeping better and take fewer pain pills."



# Family Nutrition Education Program is Missouri's SNAP Ed

Amanda McCormick, Nutrition Program Associate, 417-357-6812, SmigelA@missouri.edu



The Supplemental Nutrition Assistance Program Education (SNAP-Education or SNAP-Ed) brought \$10,315,347 in federal funds to Missouri. The funds support engagement with 470,352 Supplemental Nutrition Assistance Program (SNAP) recipients and eligible citizens of Missouri. There were 317,179 direct educational contacts. This year we had 2,410,436 indirect educational contacts through newsletters, health fairs, food pantries, and the Show Me Nutrition helpline.

Nutrition Program Associate, Amanda McCormick, programmed at the following agencies in 2021:



Schools	Agencies
Blue Eye Elementary	Kimberling City Senior Age
Crane Elementary	Our Lady of the Cove Catholic Church
Galena-Abesville Elementary	Ozark Community Action Corp. (OACAC)
Hurley Elementary	Stone County Health Department
Reed Spring Primary Reeds Spring Intermediate	Stone County Recovery Center

4,418 direct and indirect contacts were made in Stone 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.



*Festival-goers get active on the smoothie bike.*

In addition to the numbers, Nutrition Program Associate, Amanda McCormick, shared this success story demonstrating local impact:

While teaching Getting Healthy through Gardening, a gentleman shared with me that he was very happy when we started the gardening lessons. He said, "**I can have extra food now because it's free from the garden!**" This food is going to make a big impact on his food budget for the summer, and because he now knows how to grow some things, he plans to continue gardening in containers, which is something he can do outside in his extended stay hotel.

11 schools and agencies served



**3,144** direct and indirect contacts made in Stone County



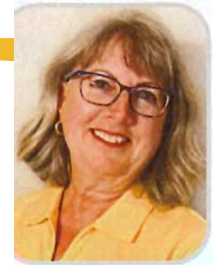
# 4 H Youth Development

UNIVERSITY OF MISSOURI EXTENSION

## Impact Update



Catherine Sell  
4-H Youth Program  
Associate  
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Stone County

### 2022- 4-H Youth Development

#### ENGAGEMENTWORK

4-H is delivered by University of Missouri Extension and a community of more than 100 public universities across the nation that provides experiences where young people learn by doing. Youth here in Stone County complete hands-on projects in areas like health, science, agriculture and citizenship, in a positive environment where they receive guidance from adult mentors and are encouraged to take on proactive leadership roles. We will continue to support our 4-H members, families, leaders and supporters who continue to invest their time and resources into the future of

our youth.

4-H prepares youth for the work place. Youth must be prepared to live and work in a world that is constantly changing - competing for jobs that do not yet exist, using technologies that have not yet been invented to solve problems that are unknown at this time.

4-H is the only youth development program with direct access to technological advances in agriculture, life sciences, engineering, learning technologies and social sciences from the university system. This hands-on learning helps our youth to thrive.

#### KEYOUTCOMES

- ✓ Obtained \$500 grant from Neighbors and Friends of Table Rock Lake
- ✓ Received \$500 grant from Table Rock Lake Foundation
- ✓ 37 plus graduates from Galena Elementary Summer SNAC Program
- ✓ Educational day in conjunction with Galena Fair on the Square, consisted of a bridge building contest using popsicle sticks, with several area schools participating.
- ✓ Two community clubs, Strong Roots and Colts Club were active in 2022

56

Youth ages 5-19 enrolled in 4-H community clubs

\$16,898

The value of the contribution of Stone County 4-H volunteers. Missouri 4-H volunteers report contributing on average 100 hours per year to the program and valuing their time at \$24.14 per hour (Independent Sector, 2017)

#### Other Notables

- Stone County 4-H had 7 graduates from Lives Under Construction Boy's Ranch in Lampe. The youth participated in the Student Nutrition Advisory Council (SNAC) 4-H Clubs program.
- focus on projects including nutrition, gardening, and physical activities.
- promotes healthy habits in their community and teaches youth about healthy habits.

#### Actions Planned for 2023

Working with area schools and afterschool programs to build partnerships

Focus on health and wellness through the Move Across Missouri 4-H program

Assist with youth programs at Fair on the Square's Educational Day

Continue to incorporate leadership and citizenship skills which are important in 4-H

Reach 10% of the youth population in 2025

# Impact Update

Amber Allen  
Human Development & Family  
Science Field Specialist  
417-881-8909  
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2022 – Human Development & Family Science Specialist

Greene County

## ENGAGEMENT WORK

Amber Allen’s engagement work for 2022 has included programming, media outreach, and conference presentations. In 2022, Amber provided 149 sessions of programming through 82 programs with a total of 2,017 direct contacts. The impact of these programs can be seen below from quotes from various participants who attended programming.

“So all of that rambling was really to share with you that I had to ask “the question” to my 15 year old son last night. He has been struggling for several weeks and I wish I could say that was the first time I’ve had to ask “the question” and that it would be the last, but that is highly improbable. I know the importance of the question, as I have asked it in the past BUT the reminder yesterday was timed perfectly. We will continue working on his care plan, but I just thought I would reach out and let you know that what you do does make a difference.”-Mental Health First Aid Participant

“I had the opportunity to attend the Sowing & Growing Hope presentation in Columbia, MO on November 15, 2022. Not only was I most impressed by her presentation’s content and messaging, but I was very impressed by Amber. She integrated research and evidenced based practices into practical and “do-able” steps for us to be able to make positive behavior change.” -Sowing and Growing Hope Participant

“I was surprised at my stress level numbers and how much they lowered by just applying things I learned in this class. thanks so much.”-Taking Care of You Participant



## KEY OUTCOMES

- ✓ Provided 218 contact hours to 109 childcare providers for childcare professional development.
- ✓ Provided 14 Mental Health First Aid trainings resulted in 229 individuals trained statewide.
- ✓ Provided 14 Keep Your Keys training throughout Southwest Missouri in partnership with MU Healthcare resulting in 175 individuals learning about aging well and driving safety.
- ✓ Created four newspaper articles, two newsletter articles, and two Kolr 10 interviews on various Human Development subjects.

149

The number of session of programming that occurred in 2023 both virtually and in-person.

2,017

The number of direct contacts from programming.

9,897

The number of individuals reached by 218 Facebook post using the hashtags #ExtendMU & #Committed2MOFamilies.

## Other Notables

- In 2022 Amber Allen received the following awards for her programming: Nutrition Health Families Conference Early Career Award, ESP Early Career Service Award and National Extension Association of Family & Consumer Sciences 1st Place Central Region Award & 3rd Place National Award for Early Childhood Child Care Training
- Amber presented the following three statewide conference sessions, one statewide ignite session for Extension & Engagement Week, two national webinars, and two national conference breakout sessions.

## Actions Planned for 2023

- Expand and update the Sowing & Growing Hope presentation.
- Create monthly social media post related to human development for the Southwest region.
- Expand childcare programming throughout the Southwest Region.
- Provide Mental Health First Aid programming and mental health resources throughout the Southwest Region.



# Impact Update

David Burton  
County Engagement Specialist  
417-881-8909  
[burtond@missouri.edu](mailto:burtond@missouri.edu)



2022 – Community Development

County

## ENGAGEMENT WORK

MU Extension's Engaged Neighbor program offers programs and events open to participation from any county. Programs like our Neighboring 101 class online, Neighborhood Labs, the Lawn Art With Neighbors celebration and Missouri Good Neighbor Week (Sept. 28 to Oct. 4). At the end good neighbor week, we had documented 12,584 acts of neighboring statewide submitted by individuals in 63 different counties. Statewide we recognized 17 state award winners for neighborly actions or as the "most engaged neighbor" in the state based on nominations received.

## KEY OUTCOMES

- 623 individuals enrolled in Neighboring 101
- Did 11 spots on KOLR-TV10, 4 local radio shows, 6 national stories and 8 podcast interviews all related to the neighboring project
- 11,824 subscribers to the monthly Becoming an Engaged Neighbor emailed newsletter.
- 1,536 followers of our Becoming an Engaged Neighbor Facebook page.



**6,853**

Neighboring 101 online class total attendance in 2022

**12,854**

Reported acts of neighboring from across the state as part of Missouri Good Neighbor Week.

**188**

Individual coaching sessions on neighboring in 2022.

**118**

Number of columns written in 2022 for Greene County Commonwealth, Springfield News-Leader and Springfield Daily Citizen. The number

## Other Notables

- 23 individuals completed our online 21 Indispensable Traits of a Leader class.
- I ended my weekly Ag In the Ozarks column for the Springfield News-Leader after 20 years.
- I began a new monthly neighboring column at the request of the Springfield Daily Citizen.
- Ended a year-long neighboring initiative at a mega-church in Springfield, Mo.

## New in 2023

- Seeking statewide sponsorships and media support for Missouri Good Neighbor Week.
- Enlist more county extension councils as partners in good neighbor week.
- Begin a funded neighboring project with the City of Republic.
- Complete guide sheets and a book on topics related to neighboring.

# Impact Update

2022 – Labor and Workforce Development

Dr. Amy Patillo  
Field Specialist in Labor and  
Workforce Development  
417-501-4561



Annual Report  
[patilloa@missouri.edu](mailto:patilloa@missouri.edu)

## ENGAGEMENT WORK

The University of Missouri Extension’s Labor and Workforce Development Program focuses on tackling Missouri’s many workforce issues by collaborating with state, regional, and community workforce partners.

- [Workforce Development Dashboard](#)
- [Workforce Development Resources](#)
- [Workforce Newsletter](#)

Publication: The Broken Heart of America

Publication: How to Use Digital Dashboards to Improve Program Implementation and Evaluation

## KEY OUTCOMES

- ✓ Workforce Development National Assessment and Framework Fellow
- ✓ Farm and Ranch Stress Assistance Center Program Evaluation Fellowship
- ✓ The Future of Mentoring Fellowship
- ✓ Interim Missouri Works Initiative Springfield Project Coordinator
- ✓ CIMER Mentorship train-the-trainer mentorship program

## Contacts by County

- Greene 3596
- Adair 60
- Boone 139
- Caldwell 109
- Cape Girardeau 109
- Clay 109
- Cole 142
- Crawford 13
- Gentry 10
- Henry 107
- Howell 75
- Jackson 1139
- Jefferson 152
- Johnson 132
- Lawrence 785
- Morgan 32
- Pike 16
- St. Charles 109
- St. Louis 293
- Taney 109



Missouri Apprenticeship Ready Graduates

Total Contacts

**7236**

Direct Contacts

**5939**

Indirect Contacts

**1297**

## Actions Planned for 2023

- Missouri Department of Conservation (15+ workshops)
- National Workforce Development Assessment funded project
- Labor and Workforce Development publications
- Extension Foundation Publication
- CIMER Mentorship Workshops all regions



# Impact Update

Chrystal Irons  
Director  
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Taney County



## ENGAGEMENT WORK

### Missouri Small Business Development Center at Missouri State University

Throughout the year our office met with entrepreneurs and small business owners to discuss funding options, pivot opportunities, staffing, and overall business operations. Our office provided multiple webinars via Zoom to support small businesses.

In partnership with the efactory and Missouri DED, we have launched Supercharge Southwest Missouri; a collaborative, regional initiative that empowers entrepreneurs, small business owners and innovators. The program accelerates job growth, creates economic opportunities, and supports the next generation of industry-leading companies in southwest Missouri. We're leveraging innovation and entrepreneurship assets across our region to create and amplify new technologies, businesses, resources, investment, and more. This will include on demand training for regional business owners.

### Missouri Procurement Technical Assistance Center - Springfield

Allen Waldo, PTAC counselor for the southwest Missouri area, presented several trainings on government procurement at the federal, state, and local level. Allen held 934 counseling sessions with local businesses to support them in their efforts to secure government contracts.

## KEY OUTCOMES & NUMBERS

- ✓ 550+ SBDC counseling hours
- ✓ 2 New businesses started
- ✓ 39 New jobs created
- ✓ 1,021 Jobs retained
- ✓ Partnered with the Branson Chamber for a specialized webinar to support local businesses with the Shuttered Venue Operators Grant (SVOG) program and provided follow-on assistance with applications
- ✓ Collaborated with the Taney County Partnership to provide targeted disaster assistance and additional regional support to businesses
- ✓ Streamlined intake process allows clients to easily book meetings

**110+**

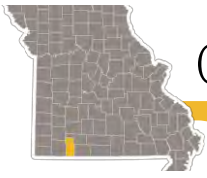
Unique businesses assisted by the SBDC

**\$830,000**

Sales increase in client companies through the assistance of the SBDC

**\$1,700,824**

Capitalization secured through the assistance of the SBDC



# County Highlights

## MU Extension Council Members Get Sworn In

Ballots were cast and counted in the 2022 MU Extension Council Election. The new Council members include (pictured left to right, starting from top): Jim Sleper, Pamela Sleper, Aubree Chisam, Seth Fortner, Tim Hejlek, and Jerad Finch. Stone County Clerk, Denise Dickens, did the honor of swearing in the new members who will serve a two year term. In addition to the newly and re-elected members, appointed members Evan Brandsma, Reese Hejlek, Olivia Finch will serve as Youth Representatives.



*Above: Stone County Clerk, Denise Dickens, swears in the newly elected and appointed council members.*

## Leaders Honor Roll

Outgoing council treasurer, Michael Kaup and Master Gardener and office support staff substitute, Gloria Cowper-Jen, were selected for the MU Extension Leaders Honor Roll. The Leaders Honor Roll recognizes outstanding leaders and volunteers who have supported and helped to advance MU Extension in their communities. Throughout the state, MU Extension partners with dedicated volunteers and community leaders who play a vital role in advancing our mission and serving the needs of the people of Missouri. "The Leaders Honor Roll award is one way we can recognize their service and remind ourselves of the important contributions they make." Jenni Nevatt, CES.



## Stone County State Fair Farm Family

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 Extension programs. Veteran, Ryan Scammahorn and daughter, Adaysha, were selected as the Stone County Farm Family by Stone County MU Extension and the local Farm Bureau. The Scammahorn family operates a 60 cow calf pair operation in Northern Stone County. "Through technology and education, the idea of the family farm is still a viable pursuit. It forges memories that are timeless," Ryan Scammahorn.





# County Highlights

## Century Farms

Century farms and ranches have shaped the nation. In 1976, the Centennial Farm project was initiated in Missouri to award certificates to persons owning farms that had been in the same family for 100 years or more. This year, three Stone County families received this honor. The Stone County MU Extension Council hosted a dinner at The Crane City Park pavilion to honor these farm families, their service, and impact on our local economy and heritage. Table Rock Community bank generously provided the BBQ dinner kindly prepared and served by the Stone County Extension Council.



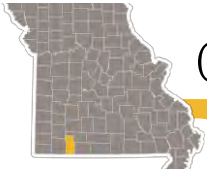
This year's recipients include the Maples Farm (pictured left) in Crane owned by Roger & Janice Gold and Betty Maples. Janice's grandfather, Josh Maples, purchased the land in 1913. The original property was around 160 acres. The land was used for dairy and Hereford cattle. Presently, the farm is used for hay.

Also honored was Anderson Acres in Crane. John W. Anderson, great-great grandfather to current owner, Travis Weathermon, bought the original 60 qualifying acres in 1844.



Additionally, Brown Farm (pictured left) in Marionville owned by Mike Brown celebrated a MO Century Farm honor. Mike's great-great grandfather, John Brown, purchased the land in 1890. The original property was around 40 acres.





# County Highlights

## Volunteer Income Tax Assistance (VITA)

**How Does This Work Make Stone County and Missouri Better?** When you support MU Extension's MoTax Initiative program, participants save an average of \$200 (currently) in tax preparation fees per year, avoid high-cost refund anticipation loans, and learn basic financial management strategies which leads to establishment or increase of emergency savings, which benefits other community members by reducing demand for public assistance, stabilizing the county tax base and stimulating the economy, beginning in the taxpayer's community, through federal and state tax refund dollars and dollars from tax credits.

VITA volunteers prepared 418 federal and state tax returns for taxpayers in Stone County. Families received \$ 452,862 in Federal and State Income Tax refunds including \$87,384 in Earned Income Credit. In addition, the taxpayers saved \$83,600 in tax preparation fees. VITA makes a significant economic impact in Stone county.

### Stone County Residents Served

- Low to moderate income working families,
- Students,
- Senior citizens,
- Single parent households, and
- Disabled residents and veterans



### What Did Participants Learn?

- What credits they are eligible for,
- How to determine the amount they should have withheld from their income sources,
- About health insurance requirements, how their taxes will be affected and options for getting health insurance
- About tax planning, options and future deduction possibilities
- All volunteers pass a Standards of Conduct, Intake/Interview/Quality Review and Advances Certification tests

### What Action Did Participants Take?

- Purchased necessities, thus spending and recirculating money in Stone County,
- Paid bills,
- Reduced or paid off debt,
- Established or increased emergency savings,
- Repaired or replaced their vehicles.

## Stone County



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

## UM System Footprint in the county in 2022



## FY22 county students

64 students

- 59 Undergraduates
- 5 Graduate and professional students
- 44 Full-time students
- 20 Part-time students
- 19 Pell grant recipients (aid year 2022)



## County employees and retirees

13 people employed by UM

- 11 Campuses
- 2 MU Health Care

23 UM retirees and beneficiaries

UM salary and retirement income:

\$782,649

UM state tax revenue: \$25,603

UM federal tax revenue: \$81,692



## County alumni

Selected school alumni

- 8 Medicine
- 27 Nursing
- 19 Health Professions
- 11 Dentistry
- 9 Pharmacy
- 2 Optometry
- 7 Veterinary Medicine
- 44 Agriculture
- 78 Engineering
- 14 Law

Alumni teaching K-12

- 8 teachers
- 2.7% of all district teachers
- 1 principal or administrator
- 5.6% of all district principals and administrators



## County breakdown

## MU

- 36 students
- 267 alumni
- 8 employees

## UMKC

- 7 students
- 81 alumni
- 2 employees

## Missouri S&amp;T

- 20 students
- 73 alumni
- 1 employee

## UMSL

- 1 student
- 46 alumni
- 0 employees



## County properties and offices

MU Extension in: Stone County



County population: 31,875



## County services provided

Health care (FY22)

- 117 in-state patients seen at MU Health Care, with \$90,249 of uncompensated care
- 4 in-state patients seen at UMKC School of Dentistry with a statewide average of \$55.60 per patient in uncompensated care
- MU Health Care's Missouri Telehealth Network recorded 218 visits to 112 patients having ZIP codes associated with the county

Extension (2021)

- 1,858 Total educational contacts from MU Extension to residents of the county, including:
- 169 contacts related to productive farming, better gardening, and managing natural resources
- 1,689 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development

# Stone County



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

## UM System Statewide Footprint

### Economic and Community Development Highlights

- In 2020, Business Development Specialists worked with small businesses and entrepreneurs statewide to create or retain 60,569 jobs.



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 FY16 and FY21, UM System brought Missouri more than \$1.36 billion in federal and private research funds, funded primarily from outside the state, but spent within the state.



In FY22, UM System was issued 31 patents and filed 63 new U.S. patent applications.

- In FY22, the UM System awarded 504 design and construction project contracts throughout Missouri, for a total investment of \$132.1 million in the state.



In FY22, to improve access to medical and health related services, MU Health Care's Missouri Telehealth Network's Show-Me ECHO program provided 22,638 hrs of case-based instruction to 2,778 learners located in 109 of 114 Missouri counties and the city of St. Louis.

### Education and Training Provided



50,837 police, fire fighters, and medical professionals attending continuing education (2021)



Agriculture and natural resource programs served 101,822 farmers and related businesses (2021)

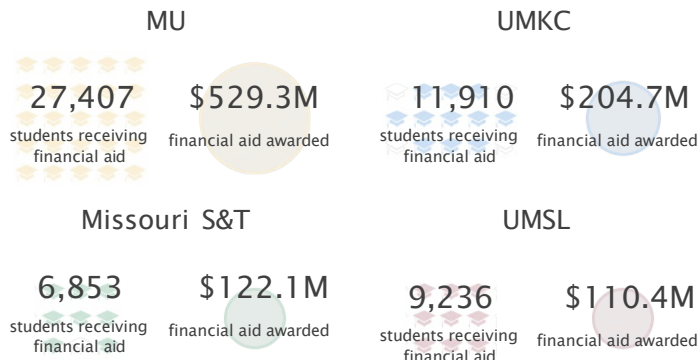


226,239 youth and stakeholder educational contacts in 4-H clubs, schools, camps and other programs (2021)

### Education Highlights

#### FY22 Financial Aid Awards

In FY22, 67.6% of the UM System's 82,014 students received financial aid totaling \$966.5 million



UM System's MOREnet (Missouri Research and Education Network) provides internet connectivity, access, support and training to 58 higher education institutions (239,000 students), 487 K-12 school districts (827,000 students) and 135 public libraries (serving nearly 3 million Missourians) in 2021.

- UM System awarded 51.5% of the 29,448 Bachelor's or higher degrees awarded by Missouri four-year public institutions in 2021-22.
- UM System awarded 38.5% of the 1,856 research doctorates and 26.8% of the 3,662 professional doctorates awarded by Missouri public and not-for-profit private institutions in 2021-22.
- In FY22, UM System's \$42.0 million in National Science Foundation (NSF) grants represented 90.5% 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 2022, 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 (OSED) · 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

