









UNIVERSITY OF MISSOURI EXTENSION

Webster County

2022 ANNUAL REPORT









OFFICE OF THE VICE CHANCELLOR FOR EXTENSION AND ENGAGEMENT

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December 2022

Dear county commissioners and friends of MU Extension and Engagement,

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

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

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

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

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

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

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

Sincerely,

Marshall Stewart, EdD

Vice Chancellor, MU Extension and Engagement

Chief Engagement Officer, UM System

Who we are

Faculty and staff



Jeannie Moreno Youth Program Associate E-mail: morenoja@missouri.edu



Patrick Byers Horticulture Specialist E-mail:byerspl@missouri.edu



Erin Snow Administrative Assistant



Katy Taylor Nutrition Program Associate E-mail: erin.snow@missouri.ed E-mail: katy.taylor@missouri.edu



Kyle Whittaker County Engagement Specialist Agriculture & Environment E-mail: kyle.whittaker@missouri.edu

Council members

Jane Gunter, Chairman Bonnie Wilcox, Vice-chairman Bill Messick, Secretary Alea Clark, Treasurer Will Brooks Lisa Jameson Tim Clarkson Susan Keene Jr. Bateman **Becky Haynes** Gene Kinslow David Rybolt **Chuck Fowler Evelyn Cunningham** Dale Fraker Connie Newton

County commissioners

Paul Ipock - Presiding Commissioner

Dale Fraker - Northern Commissioner

Randy Owens – Southern Commissioner

Financial Report and more

Appropriations budget	
Income	
County Appropriations	52,507
Student Fees	6007
Friends of Extension	5944
Fundraising	156
Resale Services	2212
Total Income	66,826
Expenses	
Salaries/Benefits	55,818
Travel	3030
Telephone	1854
Office Supplies/Service	1451
Utilities	2095
Insurance	2578
Total Expenses	66,826

Key outcomes and numbers

- 47 Forage test were conducted
- √ 170 soil samples
- 17 pesticide certifications
- 1478 phone contacts
- √ 802 walk-ins
- √ 80 individual consultations
- √ 6 barn quilt classes
- √ 784 Facebook followers
- √ 30% increase in 4-H membership
- Neighborhood Leadership Academy
- ✓ 224 country Cured hams
- ✓ Farmer Tax Workshop
- ✓ Bee Club Started
- Missouri Farm Lease
- √ 7 Grazing Schools
- √ 4-H Shooting Sports
- 2 Food Preservation Classes
- Career Development Events serving 400 youth

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



Local Support

Did you know you can donate directly to Webster 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.

Webster County



UM System Footprint in the county in 2022



FY22 county students

67 students

- 43 Undergraduates
- 24 Graduate and professional students
- 47 Full-time students
- 20 Part-time students
- 19 Pell grant recipients (aid year 2022)



County employees and retirees

14 people employed by UM

- 12 Campuses
- 1 MU Health Care
- 1 UM System

8 UM retirees and beneficiaries UM salary and retirement income: \$738,723

UM state tax revenue: \$25,040 UM federal tax revenue: \$111,201



County alumni

Selected school alumni

- 4 Medicine
- 18 Nursing
- 18 Health Professions
- 8 Dentistry
- 11 Pharmacy
- 3 Optometry
- 11 Veterinary Medicine
- 59 Agriculture
- 83 Engineering
- 18 Law

Alumni teaching K-12

- 12 teachers
- 3.0% of all district teachers
- 3 principals and administrators
- 12.0% of all district principals and administrators



County breakdown

MU

- 33 students
- 225 alumni
- 10 employees

UMKC

- 16 students
- 52 alumni
- 0 employees

Missouri S&T

- 17 students
- 81 alumni
- · 2 employees

UMSL

- 1 student
- 21 alumni
- 0 employees



County properties and offices

MU Extension in: Webster County



County population: 39,127



County services provided

Health care (FY22)

- 208 in-state patients seen at MU Health Care, with \$81,116 of uncompensated care
- 1 in-state patient 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 122 visits to 57 patients having ZIP codes associated with the county

Extension (2021)

- 6,776 Total educational contacts from MU Extension to residents of the county, including:
- 4,403 contacts related to productive farming, better gardening, and managing natural resources
- 2,373 contacts related to healthy eating and aging, strengthening families, personal finance, or youth development

Webster County



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

 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

MU

UMKC

27,407 financial aid \$529.3M

11,910

\$204.7M

students receiving financial aid awarded financial aid

students receiving financial aid awarded

Missouri S&T

UMSL

6,853 financial aid

\$122.1M students receiving financial aid awarded 9,236

\$110.4M

students receiving financial aid awarded



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 (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









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Family Nutrition Education Program (FNEP)

SNAP-Ed Public Value Statement 2022

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.

1,391 direct and indirect contacts were made in Webster 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.

2022 Sites Visited					
Site	Location	Audience			
Marshfield R-1	Marshfield	Student			
Fordland Middle School	Fordland	Student			
Monet Middle School	Monett	Student			
Webster Co Food Pantry	Marshfield	Adult			
Marshfield Senior Center	Marshfield	Adult			
Kindness Outreach	Fordland	Adult/Student			
Safe Haven Now	Rogersville / Fordland	Adult			
OACAC	Marshfield	Adult			
Marshfield Farmer's Market	Marshfield	Adult/Student			
Texas County Schools	Houston	Student			
Webster Co Library	Marshfield	Adult			
Fordland Memorial Library	Fordland	Adult			

Success Story:

"I received a call from a man in my county that needed help with food, his SNAP had been canceled. He had missed his interview with DSS and only had a home phone. He tried to call them back but waited over 3 hours and never got through to them. He had just had surgery and his wife had health problems, so they could not work, and social security was not enough.

I had him meet me at my office with the paperwork that he needed. We filled out an online app and scanned everything he had brought. He was almost crying when we had finished.

He called me two days later and said the DSS office had filled his card. He was so thankful for the help. This was my first application I had helped with, and it helped me know I had chosen the right career.

2022 Annual Report

Patrick Byers, Field Specialist in Horticulture

Beekeeping







Heroes to Hives

This program provides beekeeping training for veterans using a combination of online classes and hands-on experiential training at apiaries in Mount Vernon (SWREEC) and Warrensburg. Activity in 2022 included the establishment of the SWREEC apiary, and a series of monthly workshops at the apiary that served 9-15 veterans per workshop.

SWREEC Field Day

Hundreds of students at the annual FFA Exploration Day at the MU SWREEC learned about beekeeping from Heroes to Hives project participants.



Produce Food Safety

FSMA PSA produce food safety training

FSMA PSA produce food safety training

This statewide program provides an intensive 8-hour training that meets the training requirement for farms subject to the Food Safety Modernization Act Produce Safety Rule. Activity in 2022 included 9 virtual and in-person trainings that reached 144 farmers and others interested in produce food safety. In person trainings were conducted in Hickory County and the City of St. Louis. Attendees are from across the state of Missouri.





FSMA Produce Safety Annual Supervisor Refresher Training

The refresher trainings help Missouri produce growers stay current with changes in produce food safety regulations. Three refresher trainings were held in 2022 in Rich Hill, Clark and Leadmine. The trainings were attended by 75 primarily Amish farmers



Specialty Crop Production

Individual consultation with specialty crop farmers



Individual consultations assist commercial specialty crop producers at all stages of production, from conception to start up to commercial production.

Fruit Learning Farm workshops – 5 workshops

University of Missouri Extension, Webb City Farmers Market, and Lincoln University are teaming with a Hmong farmer in Newton County to develop a training site for commercial berry production. Five workshops were held in 2022 that focused on innovative production practices for blackberry, strawberry, elderberry and blueberry.







Webster County Beekeeping Club

Patrick Byers and Kyle
Whittaker teamed with
youth beekeeper Drew
Henry to establish the
Webster County beekeeping
club. Club activities in 2022
included classroom meetings
on a wide range of
beekeeping topics, as well as
visits to Drew's apiary for
hands-on experience with
beekeeping.



Apple Grafting Workshops

University of Missouri Extension and Missouri State University hosted 4 apple grafting workshops in 2022, at Mountain Grove, Springfield, Kansas City and Alton. Attendees view a video presentation, followed by hands-on experience with several grafting techniques. The project provides rootstocks, scions, and materials, and attendees take home 2 or more grafted trees.



2022 Soil Test Reports

Patrick Byers examined and made recommendations on soil tests for horticultural producers and home gardeners from across the southwest region. Soil testing is an excellent way to evaluate a site for specialty crop production, and to monitor a soil fertility management plan for established specialty crops.

8 8

Webster County 4-H



4-H Annual Report Information

Jeannie Moreno, Youth Program Associate - Webster County 4-H

A community 350 youth participants building life skills, contributing to their community and becoming college and career ready.

- 4-H members contribute hundreds of thousands of hours back to their community every year. <u>Service is a hallmark of all 4-H programs</u>, teaching youth about the importance of giving back, <u>improving our communities</u> and developing innovative solutions to solve problems, large or small. 4-H'ers learn skills such as teamwork, critical thinking, community engagement and build a sense of compassion, confidence and pride.
- 4-H is an innovator in developing youth leadership and decision-making skills to prepare young people for the future. Our civic engagement programs engage youth in programs, organizations, and communities where they share a voice, influence, and decision-making authority. 4-H civic engagement programs equip young people with confidence and leadership skills to be leaders today and tomorrow.
- Our programming empowers youth to be healthy body and mind with the skills to make healthy decisions and lead healthy lifestyles. Having the confidence and skills to lead healthy lifestyles not only improves overall well-being; it enables youth to tackle life's challenges today and become leaders in their lives, careers and communities as they grow into responsible adulthood.

4-H Clubs

- 4-H participants in Webster County = 56 members
- Webster County 4-H clubs offer long-term educational experiences in which members learn life skills such as decision making, public speaking and working with others. Members learn by doing under the guidance of adult volunteers, who teach projects ranging from computers science and arts to animal science and healthy living. Clubs also involve youth in community service, camping and educational trips.
 - SNAC (Student Nutrition Advisory Council (SNAC) Clubs Missouri's 4-H Student Nutrition Advisory Council (SNAC) Initiative, developed in collaboration with MU Extension Family Nutrition Education Program (FNEP), creates 4-H clubs that focus on teaching healthy eating in combination with leadership and citizenship skills central to 4-H. SNAC club members learn to advocate for increased healthy eating awareness, education, and initiatives to improve the health of their community.
 - 87 students participate in Kids in the Kitchen
 - 18 students participate in Eating from the Garden







Webster County 4-H



- environment during scheduled visitations at the correctional center using the 4-H Club model. Incarcerated parents attend parenting classes while they are in this program.
 - o Hatching Chicken in the classroom is a school enrichment program. This year
 - o 1178 student participate in this program via the Marshfield school websites.

Volunteers

- 4-H members are supported by 31 youth and adult volunteers
- The time and expertise these volunteers provide is invaluable.
- If you would like to have a positive impact on the youth of Webster County considered volunteering!























Webster County started a bee keeping club. The club originated after Marshfield High School student
Drew Henry received a Specialty Block Grant from the Missouri Department of Agriculture. The group
meets the first Monday night each month at the Extension Center to promote bee keeping and
provide educational topics to those interested in bee keeping







Webster County University of Missouri staff engaged with several students from county schools. In an effort to provide real world learning opportunities to students of all ages. Marshfield junior high students enrolled in the ARC program met with our staff as part of a project about food production in the world. Our staff was also involved in a FFA career night, The event was a cooperative effort between MU Extension and the Webster County Cattleman's Association. Our staff also provided multiple programs for students enrolled in summer school at Fordland. To address the challenge of providing educational opportunities for all Webster County residents we believe providing learning opportunities for k-12 students is important to achieve our mission.



MU Extension staff were part of the southwest center research farm field day. The event is attended by thousands of high school students from southwest Missouri



Webster County MU Extension played a major role in the diary cow judging camp. The camp is held over three days. The camp is to prepare youth for judging competitions.



Many youth in Webster County and from throughout southwest Missouri participated in country cured ham workshops hosted by Webster County MU Extension staff. Many youth exhibit their hams at the Webster County Fair and the Ozark Empire Fair. At the 2022 OEF ham show 3 of the 4 hams that made the sale were done in ham workshops offered by Webster County. The 4 hams sold for a record \$42,500.



• Webster County MU Extension staff worked with the Missouri Department of Elementary and Secondary Education and the Southwest Research Center to provide Career Development training to high school students across Southwest Missouri. Each year the Southwest Research Center holds a Career Development Workshop that is attended by many schools in the area. The event is used to develop career skills and for students to practice and prepare for district and state contests.



Webster County MU Extension staff conducted a **Floriculture Career Development Event** workshop for high school students, the event was held in conjunction with the Annual Lawn and Garden Show held at the Ozark Empire Fairgrounds each spring.





Webster County Extension staff conducted a **Poultry CDE**



Above: Webster County MU
Extension Staff conducted the
southwest district **Meats Evaluation CDE** for 90 high schools in
southwest Missouri. The event is a
qualifying event for the state FFA
contest. The event was held on the
campus of Missouri State University.

"If a man neglects education, he walks lame to the end of his life."

— Plato

Left: Webster County MU Extension staff conducted an **Entomology CDE** at the Southwest Research Center

Hands – on learning



Webster County MU Extension hosted two food preservation classes.



Webster County MU Extension offered two floral design classes.



Webster County MU Extension offered two dry cured bacon classes



Webster County MU Extension conducted a hands on workshop at the Ozark's Homesteading Expo held at the Webster County Fairgrounds

"If a man neglects education, he walks lame to the end of his life."



Barn quilt classes are very popular in Webster County and Webster County MU Extension staff has offered many barn quilt classes throughout the state of Missouri.



Country cured ham workshops have increased in popularity. In 2022 over 200 hams were cured in workshops offered in five different counties. The Webster County Fair ham show continues to grow with more exhibitors each year.

Webster County MU Extension staff were presenters or organizers of 7 grazing schools. The schools are a cooperative effort between MU Extension, Natural Resource Conservation Service. County Soil & Water Districts and the Missouri Department of Conservation. The schools are a requirement for producers to receive cost share funds to implement grazing systems.





Webster County MU Extension staff conducted an Ag Lender's Seminar for lenders in southwest Missouri the event was held in Springfield and was attended by over 55 ag lenders.

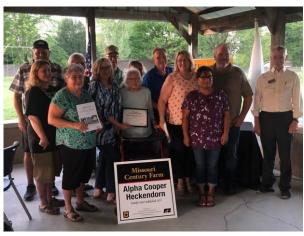


Webster County MU Extension staff conducted a Farm Succession Workshop.

Awards & Recognition



Pictured to the left is the Scott Family receiving their Missouri Century Farm recognition at the 2022 annual picnic. The 66 acre farm is located in Niangua and was acquired by Elijah Alonzo Franklin – Great grandfather in 1885.



Pictured to the left is the Heckendorn Family receiving their Missouri Century Farm recognition at the 2022 annual picnic. The 271 acre farm is located Seymour and was acquired by Alpha Cooper Heckendorn – Great grandfather in 1871

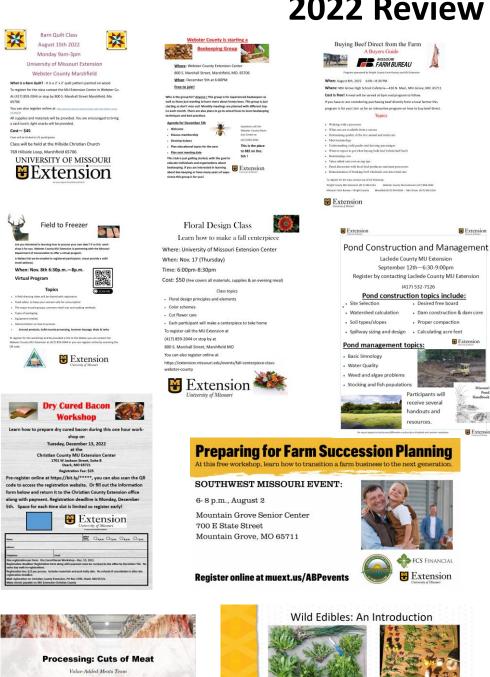


Pictured to the left is Lori Herring received the Leaders Honor Roll for her dedication to Webster County 4-H and Webster County MU Extension.



Pictured to the left is Donna Eldridge. Donna retired in May after 28 years of service to the Webster County Mu Extension Center. Donna served the citizens of Webster County well and wish her the best in retirement!

2022 Review









Our staff had a successful and busy year programming. We always want to hear from Webster County residents on how we can help and what you want to learn!