



MISSOURI 4H ANNUAL REPORT 2021-2022



Message from the director



Dear Missouri 4-H Family:

Our 2022 post pandemic year has been interesting. We faced new challenges and visualized new opportunities for our programs. After two years with limited face-to-face meetings, we are finally offering our programs again in community centers, churches, and schools, as well as county buildings.

I want to use this opportunity to express my gratitude to all of you for understanding our challenges and offering new opportunities to our 4-H members. Thank you for trusting us and continuing to support our programs. One thing I learned during these difficult years was that hard work and commitment pay off. We are making a difference in the lives of more than 50,000 youth across our state.

We are pleased to present you with the 2021-2022 Missouri 4-H Annual Report. This report addresses and reflects the efforts of more than 5,000 volunteers, donors, faculty, and staff members around the state.

This “come back” was especially rewarding in 4-H. Our main challenge statewide was, and still is, providing quality 4-H programming. We are in the process of hiring more 4-H Specialists and Youth Program Associates around the state to re-build our program. My gratitude goes to our Missouri 4-H team who have shown professionalism and commitment to all the youth in our state, some of them working in more than five counties. As a parent, volunteer and/or 4-H member, please help us to continue to support new clubs, or reach out to your 4-H team and thank them for all they do. By modeling this behavior, you are teaching the youth to be kind and grateful for what we have.

In 2022, our 4-H faculty and staff continued their support of our 4-H clubs, state and national contests, conferences, events, and, of course, the Missouri State Fair, which was a huge success in showcasing the knowledge and talents of our youth.

Please review our report, provide us your feedback, and be proud of all we accomplished together.

A handwritten signature in black ink that reads "Guadalupe Fabregas".

Sincerely,

Maria G. (Lupita) Fabregas

Missouri 4-H Director

#M04H

#OpportunityForAll

*The skills that I have developed from the past six years of being in 4-H will help me throughout my life, whether that is in school, 4-H, other organizations or my future career. It has given me the confidence and empowered me with the belief that **I can be the voice of change**. I know that I have been provided with and have the tools necessary to lead and help encourage a more kind, compassionate environment and community for others, one voice at a time.*

— Raylyn W., 4-H member (age 13), Moniteau County

4-H membership

Membership enrollment



56,504

YOUTH
enrolled in
Missouri 4-H

7,462

VOLUNTEERS
supporting and
mentoring them

Where do they enroll?

Special Interest 11,938

Total SHORT TERM Programs 11,938

Military Club 140

Community Club 14,479

In-school Club 1,212

Afterschool Club 1,991

TOTAL CLUB 17,822

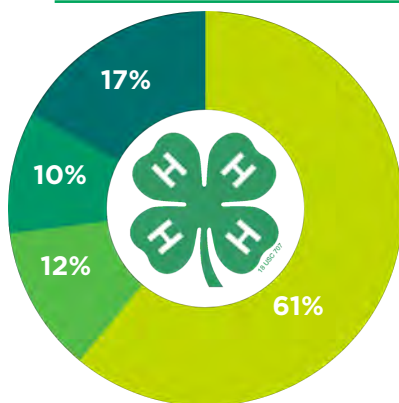
School enrichment 24,655

Family Clubs 164

Afterschool programming 2,605

Numbers above include youth participating in multiple programs.

Where do they live?



- Farm/Rural (<10k)
- Towns/cities (10k-50k)
- Cities/suburbs (>50k)
- Not provided



THRIVE

American Indian/Alaskan Native	0.8%
Asian	0.6%
Black or African American	4.9%
Native Hawaiian/Pacific Islander	0.3%
White	71.9%
More than one race	3.8%
Undetermined	17.7%
Hispanic/Latinx	13.3%



Volunteers

6,543

TOTAL ADULT VOLUNTEERS

919

TOTAL YOUTH VOLUNTEERS

The 4-H program would not be possible without volunteers. Missouri 4-H volunteers have a positive impact where they live and work. They make communities stronger, connect communities to each other, improve community health, and increase overall civic involvement. The value of 4-H volunteers extends far beyond the scope of youth development into every part of their community.



Even in challenging times, Missouri 4-H volunteers rise to the occasion to provide quality programming for young people across the state. The Missouri 4-H Foundation offers several awards volunteers can receive for their service. While we know the true reward for volunteering in Missouri 4-H is knowing that you, the volunteer, made a difference in a young person's life, it's important to officially acknowledge the time and efforts you've given. State-level awards for which 4-H volunteers may be nominated include:

Missouri 4-H Hall of Fame

The Missouri 4-H Hall of Fame Award is the most prestigious award offered to 4-H volunteers through the Missouri 4-H Foundation. Individuals who have created exceptional legacies of volunteer service and dedication to Missouri 4-H are recognized and honored

with membership in the Missouri 4-H Hall of Fame. Induction into the Missouri 4-H Hall of Fame caps a lifetime of 4-H involvement. Individual nominees must have a minimum of 20 years of volunteer service to Missouri 4-H.



[Hall of Fame Press Release](#)



Hall of Fame

MISSOURI

40

Volunteer Inductees

20

Years minimum volunteer service



Frank Graham 4-H Volunteer Leadership Award

The Frank Graham 4-H Volunteer Leadership Award recognizes 4-H volunteers for their hard work and dedication to Missouri's youth. The award is named in honor of Frank Graham, former director of the MU Extension 4-H Center for Youth Development and founding member of the Missouri 4-H Foundation Board of Trustees.

Recipient	County	Recipient	County
Angie Buck	Adair	Robert (Bob) McCollum	Linn
Marcia Jenkins	Bates	Laurie Burbank	Linn
Bennie Young	Callaway	Kevin Hansen	Livingston
Millie Aufdenberg	Cape Girardeau	Megan Pollard	Macon
Heather Gooch	Cass	Jennifer Keaton	McDonald
Debbie Elder	Cedar	Ronda Holly	McDonald
Ardith Harmon	Clark	Amanda Lehenbauer	Monroe
LaTisha Scott-Snead	Clark	Donnie & Becky Gilbert	Montgomery
Amy Bax	Cole	Sarah Schad	Morgan
Greg Holtgrewe	Cole	Kelly Shilling	Newton
Anne Pfeiffer	Cooper	Paula Bodenhamer	Ozark
Tracy Staples	Crawford	Ann Wideman	Ralls
Anne Hedeman	Dade	Jon & Pam Barnes	Ralls
Mary Angel Dotson	Dallas	Andrea McKeown	Randolph
Laura Henny	Henry	Bryon Wiegand	Randolph
Janet Caple	Henry	Shari Renfro	Ray
Neili Hammer	Hickory	Amanda & Tim Cringan	Ray
Sarah Boyer	Hickory	Gail Huber	St. Charles
Darlene & Mitch Beaman	Howard	Martha Ware	Sullivan
Jamie Dixon	Howell	David & Jeanna Tharp	Sullivan
Pam Weaver	Jasper	William Paul Kirk	Taney
Stacy Begemann	Lafayette	Serena Hagler	Texas
Michele Schewe	Lafayette	Wendy Guss	Warren
Angie Hamlin	Lewis	Brandon Huster	Warren
Jill & Brad Putnam	Lewis	Ramona Andrus	Wright
Melitta Shields	Lincoln		

Naomi Crouch 4-H Volunteer Leadership Award

The Missouri 4-H Foundation established the Naomi Crouch 4-H Volunteer Leadership Award in 1990 to recognize exceptional volunteers and organizations that have made notable contributions to 4-H youth. The award is named in honor of Naomi Mohler Crouch, in remembrance of her dedication to the youth of Missouri. Mrs. Crouch served as a Missouri 4-H Foundation Trustee and Chair, and was a Clay County 4-H parent and volunteer. A \$250 monetary award is presented to a 4-H county or club in the awardees' honor. Nominees must have at least 5 years of service as a Missouri 4-H volunteer. Since 1991, close to 100 Missouri 4-H volunteers have received the award.

2022 Naomi Crouch Volunteer Award



Jenise Burch
Vernon County



Tonia Zeiler
Lafayette County

MISSOURI 4-H IMPACT IN 2021-2022

HEALTHY LIVING



Our OPPORTUNITY

Childhood obesity is at an all-time high. We know that overweight youth are at a higher risk for anxiety, depression and self-esteem issues.

Our APPROACH

Missouri 4-H provides sound nutritional knowledge and meal preparation skills to youth through our foods projects and clubs. We also provide resources and incentives for youth to stay active with programs like MOVE and Soccer for Success.



9,675 Project enrollments are related to Healthy Living

4-H'ers are...

2x

more likely to make healthier choices

MOVE Across Missouri

Youth and adults engage in friendly competition while tracking their activity for three months. Any type of MOVEment counts!

275 PARTICIPANTS IN 37 COUNTIES

2,194,122 MINUTES OF ACTIVITY

209 YOUTH PARTICIPANTS | 66 ADULT PARTICIPANTS | 13 REGISTERED TEAMS

THANK YOU Major support for 4-H Healthy Living was provided by the Missouri 4-H Foundation in partnership with Healthy Blue, and Betty Bohl Vollmar.



HEALTHY LIVING

Our IMPACT

Missouri 4-H is changing the eating and exercise habits of our youth through our healthy living programs. Our programming empowers youth to be healthy in body and mind, with the skills to make healthy decisions and lead healthy lifestyles.



4-H SNAC Clubs

4-H Student Nutrition Advisory Council (SNAC) clubs are offered in before- or afterschool programs and in other community settings helping youth become more knowledgeable about nutrition and fitness. Youth are encouraged to become ambassadors of Healthy Living in their communities by designing and implementing a leadership project that will improve nutrition education and fitness of others.

Most counties across the state offer SNAC programming and clubs are very creative in the ways they became advocates of healthy living.



4-H SNAC Clubs Mini-grants

In 2022, the Missouri 4-H Foundation collaborated with Healthy Blue to offer mini-grants of up to \$500 to launch new 4-H SNAC clubs across the state of Missouri.

20

Mini-grants
Awarded

MAKE

83

SNAC Clubs

1,899

Youth
Participants

4,600+

Youth reached
through Leadership
projects



Leadership Projects

4-H SNAC clubs complete leadership projects each year. This year youth:

- Created posters
 - * demonstrating MyPlate by using recipes cooked in the classroom
 - * showing different types of fruits and vegetables and their benefits to a diet
 - * highlighting nutritional facts
- Hosted food drive in the school
- Created nutrition commercials that were shared during lunch with the entire school district
- Filled care boxes with non-perishable food items for their local community
- Created recipe cards to share with parents and other students – learned how to double a recipe
- Decorated water bottles and made muffins for the homeless
- Made chex mix for veterans on Veterans Day
- Created food logs and recorded meals so youth could discuss how to make better choices
- Prepared freezer meals for the Ronald McDonald House
- Created a cookbook
- Hosted a fitness challenge for all youth to participate in that ended with a fun run
- Grew vegetables for others in the school to try
- Planted raised beds or gardens at schools or in their community
- Built an accessible garden bed for a community garden
- Donated their harvest to local senior center
- Held an all-inclusive soccer game

MISSOURI 4-H IMPACT IN 2021-2022

AGRICULTURE



Our OPPORTUNITY

Only 11 percent of Americans are employed by the agriculture and food sectors, with just one percent direct on-farm employment (USDA ERS, 2021). This leaves 89% of Americans whose connection to agriculture is not in production, but in consumption. By connecting youth to agriculture now, Missouri 4-H hopes to develop educated producers and consumers for the future.

Our APPROACH

Through experiential learning opportunities and competitions, Missouri 4-H is connecting youth to agriculture beginning at a level all are familiar with – being a consumer. Starting at this level, youth explore the diverse sectors of the industry, while seeing the possibilities of a deeper involvement in agriculture.



AGRICULTURE

Our IMPACT

Missouri 4-H members are excelling to be more confident, educated consumers of agricultural information and products.



24,638 Project enrollments are related to Agriculture

Ag Contest Participants

91% are educated consumers of agricultural products

93% are comfortable sharing knowledge of agriculture with others

95% are an advocate for the agriculture industry

86% are seeking a career in agriculture

2022

Meats Judging	48 Competitors	11 Counties
Horse Judging	70 Competitors	17 Counties
Poultry Day	24 Competitors	18 Counties
Horsebowl	19 Competitors	6 Counties
Crop Scouting NEW	27 Competitors	12 Counties
Livestock Judging	148 Competitors	33 Counties

THANK YOU

Major support for 4-H Agriculture was provided by the Missouri 4-H Foundation in partnership with FCS Financial, Missouri Association of Meat Processors, MFA Foundation, Missouri Farm Bureau, Missouri Holstein Association, Missouri Soybean Association, Eunice Campbell, and Robert E. "Bud" Hertzog, D.V.M.



100% of 4-H members in animal science projects are certified in animal ethics and quality care of animals.

Crop Scouting

Twenty-seven 4-H youths and volunteers learned about common Missouri crops, insects, diseases and weeds, as well as pesticide usage and safety at the inaugural Missouri 4-H Crop Scouting Day at the University of Missouri Bradford Research Farm. This new event was hosted in collaboration with MU Extension, MU Integrated Pest Management, MU Plant Sciences and Technology, and Missouri Soybean Merchandising Council.



Ag Innovators Experience

The 2022 4-H Ag Innovators Experience, Unlock Ag Innovations, teen leaders helped youth explore how different technologies have transformed agriculture and how farmers must continue to innovate, learn, and adopt new technologies to grow more food in a sustainable manner. Lynn Dyer, AIE Teen Leader shared this about her experience: “The 4-H Ag Innovators program helped me realize that I enjoy helping others find a passion for agriculture too. I was surprised that not only did the youth learn more about agriculture from me, but I also learned some from them. Leading this activity has shown me that when we collaborate together as a team, there’s no limit to the problems we can solve.” The teen leaders also had an opportunity to connect virtually with youth in Honduras to share the program.



20

Teen Leaders

1,023

Youth Reached

39

Engagements



National Ag Day Student Leadership Program

Henry County 4-H alum, Brendon Engeman, was one of five youth selected to represent 4-H in March for National Ag Day Congressional Visits on Capitol Hill. The trip to Washington, D.C., was part of the 2022 National Ag Day Student Leadership Program, which engages young people to raise awareness of the importance of agriculture. “In the surrealness of standing in Washington, D.C., I started to think maybe I could fill a role on Capitol Hill advocating for farmers in Missouri and across the nation,” Brendon said. Brendon encouraged other 4-H’ers to be advocates wherever they are. “Even if you can’t make it to D.C., just go talk with your state legislators,” he stated. “It is just as important. There’s a lot of things we do in Missouri that could use a youth voice in them.”



MISSOURI 4-H IMPACT IN 2021-2022

ENVIRONMENTAL SCIENCE & NATURAL RESOURCES



Our OPPORTUNITY

Missouri has an abundance of natural resources to care for and explore. By connecting youth to natural resources, we can help ensure these resources will be a strong asset for the state in years to come.

Our APPROACH

Through experiential learning opportunities and immersion in specific content areas, Missouri 4-H provides youth a platform to gain experiences and knowledge about natural resources.



16,517 Project enrollments are related to Environmental Science and Natural Resources

SPORTFISHING

756 youth participated in the Sportfishing project this year. The culminating event of this project is the State Sportfishing Contest, which tests youth's angling skills and knowledge of fish species, tackle, aquatic ecosystems, and fish anatomy. As a result of their experiences in 4-H, youth stated they are able to describe the importance of aquatic ecosystems and identify equipment and techniques used in sportfishing.

4-H STATE SPORTFISHING CONTEST

Twenty-two 4-H'ers gathered at the Little Dixie Lake Conservation Area in hope of catching the most and largest fish at the 2022 State 4-H Sportfishing Day. They also tested their knowledge of species and tackle identification, aquatic ecosystems and fish anatomy in the sportfishing skill-a-thon.



NATURAL RESOURCES

Our IMPACT

Missouri 4-H members are exploring their interests in natural resources and engaging in environmental stewardship.



SPORTFISHING SLAM

The 2022 State 4-H Sportfishing SLAM, March through June, challenged youths to stretch their fishing skills and knowledge. The SLAM offers nine categories made up of varying species, habitats and baits.



Opportunities to Learn and Explore

ZOO APPRENTICE DAY CAMP AT DICKERSON ZOO

Over the course of the summer, 24 members became zoo apprentices for a day and learned how the zoo keepers at Dickerson Park Zoo care for their animals each day. Among the highlights of the day camp, were feeding one of the zoo's giraffes and getting a behind the scenes tour of the elephant and cheetah habitats. After attending a camp, over half of the youth reported having significantly more knowledge in the areas of animal health, animal nutrition, animal care, animal conservation, and the duties of a zoo keeper.



ZOO APPRENTICE CAMP AT BUSCH GARDENS

Twenty youth attended the 2022 4-H Zoo Apprentice Camp at Busch Gardens. Youth had the opportunity to discover, learn, laugh and experience one-of-a-kind adventures with animals from around the world.



Make sure you check out Zoo Apprentice Day at the Missouri State Fair in the 4-H Building.

4-H Camps are a terrific way to experience the great outdoors. Fishing, hiking, and exploring aquatic ecosystems are just a few of the activities you will find.



THANK YOU

partnership with Corteva Agriscience.

Major support for 4-H Environmental Education and Natural Resources was provided by the Missouri 4-H Foundation in

MISSOURI 4-H IMPACT IN 2021-2022

SHOOTING SPORTS



Our OPPORTUNITY

Across the nation, there is a negative connotation between kids and firearms. There is also a generational gap in shooting sports traditions.

Our APPROACH

In Missouri 4-H Shooting Sports, we go with a family involvement approach. This provides the opportunity to positively express the life skills learned through the use of firearms as a teaching platform.



6,041 Project enrollments are related to Shooting Sports



614 Volunteers support our Shooting Sports youth

PROGRAM FOCUS: The development of youth as individuals and as responsible and productive citizens.

Youth:

- **Learn** marksmanship, the safe and responsible use of firearms, the principles of hunting and archery, and much more.
- **Develop** life skills, self-worth, and conservation ethics.
- **Experience** hands-on, fun learning experiences.

Our IMPACT

We say in 4-H Shooting Sports, “We are not trying to build champion shooters; we are trying to build champion youth.” We want to show kids you can perform whatever your physical or mental capabilities. All kids have the ability to perform in shooting sports.



State Shoot

The Shooting Sports State Contest is a series of events where youth test their skills and compete against others in their discipline. To qualify, youth must have completed their project requirements and competed in the same event at a local or regional level.

507
Youth

1,245
Individual Events

61
Counties

THANK YOU

Major support for 4-H Shooting Sports was provided by the Missouri 4-H Foundation in partnership with American Outdoor Brands, the Big Game Hunters Foundation, the MidwayUSA Foundation, the Missouri Department of Conservation, the NRA Foundation, the Rocky Mountain Elk Foundation, Starline Brass, YHEC at Busch Conservation Area, Cathy Cody, and Larry and Brenda Potterfield.



Missouri 4-H State Shooting Sports Team

4-H youth selected for the state shooting teams represented Missouri 4-H at the National Invitational Match held June 20 - 25 in Grand Island, Nebraska.

9	35	9
Disciplines	Team members	Coaches

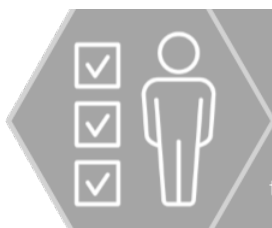


Shooting Sports Ambassadors

Ambassadors are added yearly through an application process. Shooting Sports Ambassadors:

- Advocate for the Shooting Sports program at the county, regional, and state level.
- Provide public relations support at special events and serve as spokespersons for the 4-H Shooting Sports program.
- Develop their skills in leadership, public presentation, citizenship, community service, public relations and team building.

Shooting Sports Ambassadors	25	2
	State	National



100% of 4-H shooting sports members complete a separate Safety Course. Missouri 4-H is the **ONLY** state to require this.

Western Heritage and Cowboy Shooting

This program provides an avenue for 4-H members to experience the lifestyles and cultures of the Old West through a living history approach to learning.

The **Western Heritage State Shoot** allows youth to compete in:

★ Cowboy Action Shooting	21	6
★ Period Clothing/ Character Development	Youth	
★ Western Knowledge	Counties	

Missouri 4-H sent 15 youth to the **National Western Heritage Shoot** in Great Falls, MT.



#MO4HShootingSports

MISSOURI 4-H IMPACT IN 2021-2022

PREPARING FOR THE FUTURE



Our OPPORTUNITY

The State of Missouri set a goal for 60 percent of adults to have a certificate or degree by 2025. According to the Missouri Economic Research and Information Center, Missouri employers report they are experiencing employee shortcomings in areas such as work habits, communication, problem solving, and teamwork.

Our APPROACH

Missouri 4-H is taking a twofold approach to college and career readiness. First, college and career readiness pieces are woven into our regular programming even at the youngest ages. Practices include discussing career pathways in enjoyed project areas and working on soft skills such as interacting with others and expressing ideas. Secondly, the Youth Futures: College and Careers within Reach program offers post-secondary exploration opportunities to middle and high school youth who need access and resources, as well as support navigating such pathways.

Missouri 4-H Youth Futures: College and Careers Within Reach

An extensive college orientation program that promotes college as an attainable goal for high school youth. The goal of this program is to help youth prepare for, enroll in and graduate from college.



COLLEGE & CAREER PATHWAYS

Our IMPACT

Because of Missouri 4-H's programming in college and career readiness, youth begin exploring careers they might enjoy at an early age and practicing the 21st century skills needed in the workplace. As a result of the Youth Futures program, many youth who would otherwise be overlooked are given the support they need to succeed.



4-H Youth Futures SPIN Clubs

4-H Youth Futures SPIN Clubs across the state offer a six-week college and career readiness program for Missouri youth to begin learning about higher education options, the steps necessary to enroll in college and what they can do now to prepare, how to maintain a healthy lifestyle, and exploring possible majors and career options.



Juntos 4-H

Juntos™ means “Together” in Spanish and works to unite community partners to provide Latino 8-12th grade students and their parents with knowledge, skills, and resources to prevent youth from dropping out and to encourage families to work together to gain access to college. The mission of the Juntos Program is to help Latino students achieve high school graduation and attend higher education. Missouri 4-H has recently adopted Juntos as a new career readiness program.

Missouri 4-H College and Career Pathways Conference

This year we celebrated the 20th Anniversary of the Youth Futures Conference! We added two more Missouri 4-H Career Pathway programs to the conference, making it the Missouri 4-H College and Career Pathways Conference.

The Missouri 4-H College and Career Pathways Conference is a four-day college and career readiness program held on the University of Missouri campus. The conference helps prepare youth for life after high school be it pursuing a postsecondary education or starting a career.



THANK YOU

Major support for 4-H College and Career Readiness was provided by the Missouri 4-H Foundation in partnership with Anthem Foundation, BTC Bank, FCS Financial, National 4-H Council, and Veterans United Foundation, and Ken Donohew and Ellen Kippel..

4-H as a Career

If you ask 5-year-olds what they want to be when they grow up, they probably won't say “a 4-H Specialist!” However, by the time they reach high school graduation, they might! Missouri 4-H is becoming a career choice for many who have been #4HGROWN, or have experienced 4-H as a volunteer or parent.

Missouri 4-H is always looking for caring adults to lead our program! Contact your local county Extension office for details.

“ I started 4-H when my parents first planned to move out to a 65 acre farm. I wasn't sure what I wanted to do in 4-H, but I have been an animal lover since birth so I knew I had to try raising some. I took an interest in dairy goats and the 4-H market hog project. I started my adventures into animal husbandry with two hogs and a breeding herd of four Nigerian dwarf dairy goats. From there, my love for animals blossomed and I went on to show hogs for six years, steer for two and developed a successful business raising purebred dairy goats through the American Dairy Goat Association. When my senior year ended, I sold my herd and moved down to Cape Girardeau, Mo. where I began my bachelor's in Agribusiness: Animal Science. Between scholarships and money I made through my 4-H projects, I was able to pay for my bachelor's and an apartment for myself with no student loans. Now, I work for MU Extension in Madison County as a Youth Program Associate. I love getting to support 4-H'ers and make the best better. Every day I look back and wish I was still in 4-H because those years were filled with some of the best moments and memories of my life.



Jazmin Phares, Youth Program Associate, Cape Girardeau County

MISSOURI 4-H IMPACT IN 2021-2022

ENGINEERING & TECHNOLOGY



Our OPPORTUNITY

Nearly all of the 30 fastest-growing occupations in the next decade will require STEM skills. However, only 16 percent of American high school seniors are interested in a STEM career, and the gap is worse for girls and minority youth, who are significantly under-represented in STEM degrees and careers.

Our APPROACH

There is a tremendous need for young people to know how to create technology, not just consume it. This is true across every industry, and that's why 4-H engineering and technology programs help prepare youth for college and career by teaching technical programming, alongside essential life skills like problem solving, teamwork, and resiliency.



Our IMPACT

Missouri 4-H'ers are leading the way in their communities by not only cultivating the knowledge and skills needed in technical areas but also engaging with and empowering others to do the same.



6,136 Project enrollments are related to Engineering and Technology



"4-H has taught me good teamwork and problem solving skills. 4-H STEM has put me on a good path for a great job."

— Wyatt, age 14, Ray County

4-H STEM Challenge

Explorers of the Deep, this year's National 4-H Council's 4-H STEM challenge, focuses on the mysteries and adventures of ocean exploration—with robots! Young people learn how to use science, technology, engineering, and math (STEM) to explore Earth's Ocean and how it relates to all life on the planet.

The Challenge helps young people develop observational and critical thinking skills while exploring the interconnected nature between the ocean and humans, regardless of where they live. They will learn about the incredibly complex relationship between Earth's oceans and the global climate. According to a recent survey, 84 percent of teens would like to be involved with shaping the future of our environment.

Missouri 4-H reached a projected 4,831 youth with 83 teens and 125 adults leading the Explorers of the Deep experience in summer camps, after school programs, schools, home-school groups, and clubs.

83 Teens expected to teach
4,831 Projected Youth Reached

THANK YOU

Major support for 4-H Engineering and Technology was provided by the Missouri 4-H Foundation in partnership with the MFA Foundation and Dr. Marla J. Tobin.



STEM Day at the Capitol

Each year, STEM Day at the Capitol allows Missouri 4-H and other organizations to demonstrate the value of STEM education and workforce programs to Missouri legislators. This year, Emma and Kim, from MAHC 4-H STEM club in St. Francois County and Julian from the 4-H GOAT Coders Club in Johnson County were there to speak with legislators. They showcased computer science projects for youth attendees to code micro:bits and drive the Sphero robots.

Show Me STEM at the Missouri State Fair

Missouri 4-H hosted hands-on educational activities at Show Me STEM Day at the Missouri State Fair on August 14th. Families visiting the event maneuvered spheros through the maze, explored different specimens on the microscope, and engineered car tracks. Youth also participated in a paper airplane contest and coded micro:bits. 4-H teens and families also helped to facilitate the activities. The event was held in partnership with FIRST Robotics and the Missouri State Fair.



Aerospace Camp

Aerospace Camp at Missouri S&T provided a unique experience for **72 youth** ages 10-13 to explore space through interactive teamwork activities. Youth blasted water rockets, tasted marshmallows dipped in liquid nitrogen, built solar cars, and created their own space mission to Mars. Six 4-H teens also developed their leadership, communication, and problem solving skills as camp counselors.



What did you learn from Aerospace Camp? (taken from the post-surveys)

- “I learned how wind tunnels and rockets work. My favorite thing was learning how a jet engine works and how it creates thrust.”
- “I learned about liquid nitrogen and its properties. I also learned about rocket components and how space companies use a crucial process to design and build rockets.”
- “I learned about solar cars and how to make them. I also learned about liquid nitrogen.”
- “I learned how life support systems work and the different types of radiation.”



MISSOURI 4-H IMPACT IN 2021-2022

CIVIC ENGAGEMENT AND SERVICE LEARNING



Our OPPORTUNITY

America is in constant need of growing new leaders—for today and tomorrow. Today's youth lack the understanding of how our government works and how to advocate for change. Youth need to learn the communication and organizational skills to succeed in the workforce. It is also critical that they develop an understanding of other countries, cultures and languages. They need a place to practice generosity and philanthropy. Young people need to hone these basic skills to be comfortable in society and productive in their home and work lives.

Our APPROACH

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.



CIVIC ENGAGEMENT & SERVICE LEARNING

Our IMPACT

Missouri 4-H grows well-informed citizens who are confident leaders that are actively engaged in solving issues in their communities. They build decision making skills and develop a sense of understanding and community. Youth engage with local and state leaders to impact Missouri.



162 Project enrollments are related to Civic Engagement

4-H Service-Learning Adds Value to Missouri Communities

Service-learning is a huge component of Missouri 4-H. Each year we ask our clubs and groups to fill out a survey to get a snapshot of how their work is impacting Missouri.

5,015
Youth

1,576
Volunteers

197
Clubs

66
Counties



81,530
Service Hours

1,052
Organized Service Activities

\$2.3 M
Value to MO Communities

THANK YOU

Major support for 4-H Civic Engagement was provided by the Missouri 4-H Foundation in partnership with the Association of Missouri Electric Cooperatives, Crader Distributing Co./Blue Mountain Equipment, FCS Financial, the Miller Family Foundation, the Missouri Corn Growers Association, National 4-H Council, Veterans United Foundation, and Mary Davis.

4th Annual 4-H Feeding Missouri

4-H clubs across Missouri have raised more than **ONE MILLION** meals to feed hungry families over the last four years. Counties participated in a friendly competition to see who can donate the most meals through food and monetary donations and volunteer service hours.

Donations went directly to Feeding Missouri, a coalition of the state's six major food banks that provides hunger relief through a network of more than 1,600 community-based food programs in every county and the city of St. Louis, or to local food pantries.



Hogs for Hunger

During the summer of 2022, Missouri 4-H youth raised more than 866 pounds of protein for

Missourians in need by donating pigs at the 2022 Missouri State Fair. The pork contributed through Missouri Farmers Care's Hogs for Hunger program went on to provide 1,378,241 meals for food-insecure Missourians. Missouri Farmers Care paid for the processing and Feeding Missouri paid the youth 80 cents per pound live weight for the pigs and Missouri Farmers Care reimbursed \$1.25 per pound donated to cover processing.

Matching Mini-grants

For the second year, 4-H clubs could apply for matching mini-grants through a donation from Missouri Farmers Care Foundation. Over \$4,000 was awarded to 17 Missouri 4-H clubs to help further their local efforts during the drive. To fulfill the educational component of the grants, many youth spoke about food insecurity and promoted their food drives in their school, on the radio, and gave presentations to local entities, such as the Chamber of Commerce.



4 months

35 COUNTIES

264,658 MEALS DONATED

18,151 LBS. FOOD | \$10,009 DONATED

1,772 VOLUNTEER HOURS

WINNING COUNTY: MONITEAU | 46,750 MEALS



Congratulation Moniteau County 4-H

for raising the most meals per county in 2022

"Our club has focused very hard on the 4-H Feeding Missouri campaign. Coming from a small community, we have learned the importance of gathering together to help others. Like many clubs, we too, wanted to help raise awareness about hunger and food insecurity in Missouri. Hunger exists in every county and state in the U.S. Most people do not realize that local food banks, shelters, and soup kitchens rely on the donations they receive from people to stock their shelves."

—Raylyn, age 13, Moniteau County

Food Packing Event at the Missouri State Fair

4-H members and volunteers packed 300 boxes (3,000 meals) for veterans during 4-H Feeding Missouri day in the 4-H Building at the MSF. 4-H'ers and their families who were at the fair were encouraged to help.



MISSOURI 4-H IMPACT IN 2021-2022

YOUTH VOICE



Our OPPORTUNITY

Rising stress in youth creates a need for a safe place for youth to confidently express themselves. When youth can share their emotions and creativity in a positive way, they build a better version of themselves while staying healthier.

Our APPROACH

4-H programming allows students to participate in projects they can design, create and make themselves. These hands-on experiences are proven to strengthen creativity and imaginative thinking, and improve motor skills, coordination and self-esteem.



YOUTH VOICE



11,792 Project enrollments are related to **Communication & Expressive Arts**

“4-H is all about being independent, having your own experiences, and talking for yourself” – Zoie Davis, age 12, Johnson County



At the heart of it all are youth **sparks**, the interests and qualities youth discover and become passionate about.

HOW YOUTH GAIN THEIR VOICE

At the earliest ages in 4-H, youth learn to speak in front of others and that their voice can bring about change. Here are a few of the ways youth practice using their voice:

- Telling their peers and leaders in their project group about their project
- Making a motion during a 4-H meeting
- Giving a demonstration to their club
- Discussing their projects with fair judges
- Talking to outside groups about 4-H

Our IMPACT

Missouri 4-H youth have the technical skills and knowledge to express their creativity and thoughts in a positive way that benefits their communities.

“When I first started 4-H, I was very quiet and shy and never dreamed I could stand in front of a group and give a speech. Practicing public speaking at meetings and through contests has helped me learn so much about good speaking techniques as well as given me confidence”

—Andrew R., age 13, Cass County



Fashion Revue

Missouri 4-H partnered with faculty from the Stephens College Department of Fashion and graduate students from the MU Department of Textile and Apparel Management to provide judging and workshops for this year's event.

8-18

Ages

56

Youth

27

Counties

Participants learned about sustainability in fashion through "Mend and Make Do" workshops in which they practiced repairing and decorating clothing and sewing buttons and tears to help make garments last longer.

The annual contest showcases youth skills in sewing, knitting, crochet, and consumer decision making.



Public Speaking

State 4-H Public Speaking Contest is one of Missouri 4-H's oldest and most popular traditions. The competition features several speaking categories like the traditional prepared speaking, extemporaneous speaking, technology-assisted speeches, and interpretation.

In 4-H, youth begin at a young age to learn to speak in front of others by giving age-appropriate demonstrations to their peers, and then participating in conference judging for their projects. "These youth are extremely talented," said Erin Stanley, State 4-H Civic Engagement Educator, "Public Speaking is a skill that many find nerve wracking, however these youth knocked it out of the park!"



Thanks to generous funding from the Missouri 4-H Foundation, the judges from these events were able to select two senior contestants per contest to represent Missouri 4-H at the Western National Roundup in Denver, Colorado.



8-18

Ages

52

Youth

24

Counties

MISSOURI 4-H TO NATIONAL COMPETITIONS

Western National Roundup

PUBLIC SPEAKING:

- Andrew Shelton, Barton County, 2nd place overall in impromptu speaking
- Katy Wright, Clay County, 3rd place overall in prepared speaking

FASHION REVUE:

- Rebekah Papisifakis, Johnson County, 5th in the constructed garment category
- Drake Ellison, Lafayette County, purchased garment category



Missouri 4-H Day of Service

On September 11, 2022, Missouri 4-H members and volunteers came together in a statewide day of service to honor our veterans, military, and first responders. Because of the in-depth nature of this project, the youth really gained a deeper understanding about 9-11 and the careers of those who serve.

842

Youth and
Volunteers

4,641

Service Hours

785 packages were distributed to veterans, and emergency responders. Care packages included hand written notes of appreciation from 4-H members or volunteers.



Patriot Day recognitions included:

- school assemblies
- banquets
- delivery of food to veterans and first responders
- making blankets
- community service
- city wide celebrations
- visiting with the honorees to learn more about their lives and jobs



Teens gained **practical life skills**, including:

- public speaking and interview skills
- video production and editing
- coordination of a museum exhibit
- navigating liability insurance and contracts



MISSOURI 4-H IMPACT IN 2021-2022

YOUTH LEADING THE WAY



MISSOURI 4-H STATE COUNCIL

State 4-H Council

All Missouri 4-H'ers are represented at the state level by the State 4-H Council. The Council is composed of one Regional Representative from each region, and the Executive Officers, which includes the President, Vice President, Secretary, Treasurer, and Outreach Coordinator.

Voted on by any 4-H'er ages 14-18, Missouri's State 4-H Council works with county youth liaisons, assists in planning and implementing statewide 4-H programs, gives young people input on 4-H program and policy issues, and works to address the issues and concerns most important to Missouri 4-H youth.

Executive Committee

- **President:** Emily Taylor, Henry County, WC Region
- **Treasurer:** Gracen James, Cape Girardeau County, SE Region
- **Vice President:** Lynn Dyer, Lafayette County, NW Region
- **Outreach Coordinator:** Kaitlynn Foster, St. Louis County, UE Region
- **Secretary:** Lacy Merriman, Cass County, WC Region

Regional Representatives

- Lily Rucker, Franklin County, EC Region
- Zoe Engelbrecht, Lafayette County, NW Region
- Isabelle Allen, Moniteau County, WC Region
- Ethan Estrada, Boone County, NE Region
- Dijon Askew, St. Louis County, UE Region
- Taylor Muench, Cape Girardeau County, SE Region
- Jayden Hansen, Platte County, UW Region
- Andrew Shelton, Barton County, SW Region

Council Advisors

- Stephanie Femrite, Assistant Director, Missouri 4-H
- Brad Coleman, Field Specialist, SE Region
- Erin Stanley, Civic Engagement Educator, State Office

#TrueLeaders
SERVE



7,303

Project enrollments are related to Leadership



MISSOURI 4-H AMBASSADORS

Ambassadors

- Molly Archer, Laclede County, WC Region
- Ashlynn Ball, Barton, County, SW Region
- Jana Bruce, Cass County, WC Region
- David Farr, Clay County, UWRegion
- Izzy Melchior, Perry County, SE Region
- Sergio Mendoza, Caper Girardeau County, SE Region

- Emma Schnieders, Clay County, UW Region
- Christian Seigel , Boone County, NE Region
- Talib Webster, Boone County, NE Region
- Kaci Wright, Andrew County, NW Region

Advisors

- Sean Eberle, 4-H Educator, EC Region
- Lupita Fabregas, Director, Missouri 4-H

Missouri 4-H youth, ages 14-18, were selected by the State 4-H Council to serve as Missouri 4-H Ambassadors. These youth leaders were tasked with promoting 4-H programs throughout the state.

Up to four youth were selected from each of Missouri 4-H's eight regions. These 4-H'ers helped their Regional Representatives increase visibility at local, county and regional events, gather and utilize youth opinion and further develop youth-adult partnerships at the regional level.



THANK YOU Major support for 4-H Youth Leadership is provided by the Missouri 4-H Foundation in partnership with the Association of Missouri Electric Cooperatives, FCS Financial, the Miller Family Foundation, the Missouri Pork Association, the Missouri Soybean Merchandising Council, Aaron and Erica Baker, Mary Davis, Robert E. “Bud” Hertzog, D.V.M., the Martz Family, Dr. Marla J. Tobin, and the Turner Family.



MISSOURI 4-H WEEK

Teen Conference

Teen Conference attendees joined over 130 of their peers, ages 11-13 from 54 Missouri counties, for workshops and activities on the Mizzou campus. For many youth, Teen Conference is their first big trip away from home. They enjoyed leadership workshops led by older teen role models, fun activities, and the many new friends they meet along the way.

“4-H offers youth a unique experience that includes people to look up to and ways to help your community, They get to see these council members in active leadership roles, meet new role models and make new friends. It’s exciting to watch these young teens become more confident and independent in just a 24-hour period of time.” —**Erin Stanley, State 4-H Leadership & Civic Engagement Educator**



4-H Explores

The first Missouri 4-H Explores event was held during Missouri 4-H Week to let youth explore the educational and career opportunities in Mizzou’s College of Agriculture, Food and Natural Resources. Highlights included seeing how drones are used to monitor farm fields, watching the launch of a weather balloon and learning to extract proteins from food items.



76th State 4-H Congress

Leadership was the main focus as over 80 youth, ages 14-18, from 41 counties attended the two-day event. Youth enjoyed workshops focused on leadership and communication, fun activities and meeting new friends.

State Congress is planned each year by the State 4-H Council. They planned the overall theme of the event as well as the workshops, dance, activities and regional meetings. The delegates interacted with top leadership from MU Extension, Dr. Lupita Fabregas, and enjoyed opening remarks from Dr. Marshall Stewart.



“My favorite part of State Congress is getting to meet new people and understanding how the congress works and how it got started. I also enjoy meeting different kids from different regions.”—**Mikai N., Urban East Region**

MISSOURI 4-H NATIONAL EVENTS



CITIZENSHIP WASHINGTON FOCUS

A living and learning experience in citizenship where young people see, learn, listen, discuss and debate in workshops, seminars and field tips for a unique opportunity using the nation's capitol as a classroom.



NATIONAL 4-H CONGRESS

Youth travel to Atlanta to participate in workshops, perform service learning locally, tour landmarks, and meet other 4-H'ers from across the country.

Applications for this opportunity are due the spring before this trip, which happens annually right after Thanksgiving. Interviews happen during State Congress.

Up to 20 delegates are selected yearly.



THRIVE



NATIONAL 4-H CONFERENCE

Known as the pinnacle experience in 4-H Civic Engagement, National 4-H Conference gives Missouri 4-H members the opportunity to visit our nation's capital. While at this event, youth participate in roundtable discussions, present briefings to federal officials, and visit with legislators.

Due to unforeseen circumstances, Missouri 4-H was unable to send a delegation to Washington D.C. in 2022 but looks forward to bringing back this long-standing tradition in 2023.





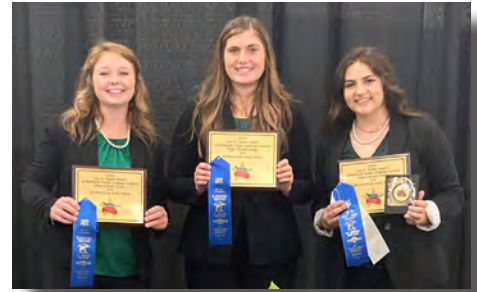
MISSOURI 4-H NATIONAL CONTESTS

STATE DAIRY JUDGING TEAM

- North American International Livestock Exposition, 2nd place
- All-American Dairy Cattle Judging Contest, 1st place

From: Wright and Webster Counties

Team members: Logan Archer, Molly Archer, Case Melzer, Libby Shaver **Coach:** Karla Deaver



STATE HORSEBOWL TEAM

Eastern National 4-H Horse Roundup

From: Jackson County

Team members: Kelsa Kirk, Alaina O'Dell, Elizabeth Pruet, Bailey Spalding

Coaches: Kate Davis & Dani Picard

STATE HORSE JUDGING TEAM

Eastern National 4-H Horse Roundup, 2nd place overall

From: Henry County

Team members: Lauren Bailey, Caroline Wagoner, Riley Heedink, Hallie Chiles, Chloe Lawson (sub) **Coach:** Cathy Bailey



STATE MEAT JUDGING TEAM

National 4-H Meat Evaluation and Identification Contest

From: Audrain County

Team members: Pacey Cope, Lance Fort, Tucker Robnett

Coach: Stacy French

STATE LIVESTOCK JUDGING TEAMS

1ST PLACE STATE: North American International Livestock Exposition

From: Vernon County

Team members: Brayden Gast, Cole Burch, Mason Forkner, Ryan McInroy, Bryson Morrison (alt.)

Coach: Bryan Gast



2ND PLACE STATE: Aksarben Stock Show 4-H Judging Contest

From: Bates County

Team members: Kayde Colin, Clayton Ferguson, Callie Ferguson, Reagan O'Farrel **Coach:** Melissa Lowe

3RD PLACE STATE: 4-H Western National Roundup, 21st overall

From: Caldwell County

Team members: Gage Swindler, Jorja Ebert, Rebecca Hunt, Delaney Davies **Coaches:** Shane Bedwell & Cody Sloan

Please see pages 13 & 21 for more youth to national competitions.

MISSOURI 4-H KEY AWARDS



The Key Award, the highest award a 4-H member can receive, recognizes 4-H members who have achieved significant leadership at the club or group, community and state levels. It is a prestigious award rewarding 4-H members for their hard work and accomplishments as well as the contribution they have made to the overall 4-H program.

The objective of the Key Award is to encourage the growth of Missouri young people in the areas of leadership, community service and project excellence.

2022 KEY AWARD WINNERS

- **Ashlynn Ball**, Barton County
- **Hannah Byers**, Linn County
- **Madison Dent**, Warren County
- **Riley Edmunds**, Johnson County
- **Kadelyn Huster**, Warren County
- **Mikalya Madison**, Barton County
- **Emily Rains**, Polk County
- **Andrew Shelton**, Barton County
- **Tysen Wilson**, Macon County



HEATHER VAUGHN (SNOW) 4-H EXCHANGE TO COSTA RICA

My 4-H exchange trip to Costa Rica was the single most impactful experience of my ten years in 4-H. I had been taking Spanish classes for several years beforehand and had always enjoyed the subject, but I never expected myself to be able to achieve fluency. When I spent a month in Costa Rica, everything changed. I was so excited to use my Spanish, but I seriously underestimated the challenge of changing from classroom Spanish to native Spanish. It took me about two weeks of tripping over my words and asking people to repeat themselves over and over, but I eventually adapted and improved. While improving my language skills was very beneficial, the most important part of the trip was the lessons I learned along the way. I had to accept the fact that I was going to sound silly and make a fool of myself occasionally during this journey of learning the language. However, I came to the conclusion that I couldn't let my fear of failing occasionally keep me from trying at all. As my first trip outside of the United States, it made me realize that our American culture was not the only one out there, nor was it superior to any other culture.



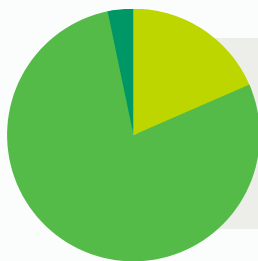
Directly after completing my 4-H exchange trip in 2019, I started my term as the Missouri State 4-H Council President. I was able to take everything I had learned and experienced in Costa Rica and apply it directly to our efforts in creating a fun and inclusive environment in Missouri 4-H. I participated in training in diversity and inclusion as well as public speaking and facilitation, and I apply those trainings in my current job.

After graduating from Mizzou this past May, I started a job as a Resource Specialist with Cactus Family Farms, a pig production company based out of southern Iowa. I utilize my Animal Sciences degree and my bilingual capabilities to train, onboard, and support our farm employees, who are primarily Spanish-speaking. I spearhead an education program that provides free Spanish and English classes for our employees that wish to improve in their non-dominant language. I am also currently developing a new and improved training program for new employees that will be used company wide. My leadership role on State Council empowered me to be a better leader and public speaker, and my experience in Costa Rica gave the confidence I needed to do so in a foreign language. I am truly grateful for my 4-H experiences and the many opportunities they have provided me with.



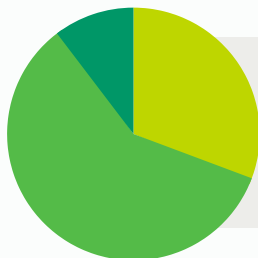
Your support at work

In Fiscal Year 2022 (July 1, 2021 - June 30, 2022) the Missouri 4-H Foundation provided more than \$460,000 to support young people and the work of Missouri 4-H.



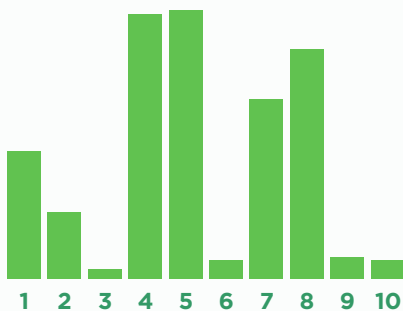
Revenue

- Contributions: \$681,542
 - Fees & Sales: \$29,288
 - Investments (Net): \$160,825
- Total: \$870,930**



Expenses

- 4-H Programs: \$392,639
 - Scholarships: \$68,900
 - Operations & Fundraising: \$204,382
- Total: \$665,921**



How we support 4-H

- 4-H Center: \$48,771
- Agriculture & Natural Resources: \$25,592
- Career Pathways: \$3,486
- Civic Engagement: \$101,682
- County Support: \$102,920
- Healthy Living: \$7,036
- Scholarships: \$68,900
- Shooting Sports: \$87,997
- STEM: \$8,219
- Training & Recognition: \$6,936



Who we are

The Missouri 4-H Foundation is a nonprofit 501(c)(3) organization. We are the independent resource partner of the University of Missouri Extension 4-H Center for Youth Development.

What we do

Through the generous support of individuals and organizations, we offer college scholarships to current or former 4-H members; funding for county 4-H programs and statewide 4-H activities; training and recognition for 4-H volunteers; and seed money for new and expanded 4-H programs.

How you can help

Support the Clover Fund.

Gifts to the Missouri 4-H Foundation's Clover Fund provide the vital flexibility to support our greatest needs and help us reach young people in every county.

Create an Endowment.

Endowments provide enduring support for 4-H programs, counties, college scholarships and the greatest needs of Missouri 4-H as they arise.

Leave a Legacy.

Support the future of Missouri 4-H members by including the Missouri 4-H Foundation in your estate plans.

Contact Missouri 4-H Foundation director Rachel Augustine to learn more at (573) 884-7641 or augustinere@missouri.edu.

"Stone by stone, the Missouri 4-H Foundation aims to build a stronger bridge to a better tomorrow for young people in our state. We're committed to providing a sustainable foundation to support Missouri's youth doing incredible things now and into the future."

Kelli Jo Buettner

MISSOURI 4-H FOUNDATION CHAIR



MISSOURI STATE FAIR 2022



Our Reach in 2021-2022



ACTUAL
ENTRIES:

1,038
LIVESTOCK
Exhibitors
3,117

201
HORSE SHOW
Exhibitors
1,339

2,496
BUILDING
Exhibitors
3,339

118
DEMONSTRATIONS
by 4-H Youth

The Missouri State Fair offers an opportunity for members to exhibit their skills in the 4-H Building, their showmanship in the livestock arenas, and their character through demonstrations. For many, this is a culminating experience which impacts the youth beyond just the premium and ribbon. Missouri State Fair visitors experience first-hand the foundations of the 4-H program by browsing aisles of exhibits, cheering on youth in the show ring, and participating in activities showcasing the project areas.



This year, 66 4-H Building exhibits were selected for a **Best of Show** Award.

Youth that have been selected by their counties can give demonstrations in the 4-H Building.

Livestock Entries

	Entries	Exhibitors
Beef	614	386
Dairy Cattle	51	36
Dairy Goats	198	31
Dogs	163	44
Meat Goats	193	84
Poultry	258	45
Rabbits	324	50
Sheep	509	196
Swine	868	329
Hams/Bacon	99	70

*Youth may enter in more than one species.

#MO4HatMSF

Photo contributors include the Department of Agriculture and Governor Parson's office,.





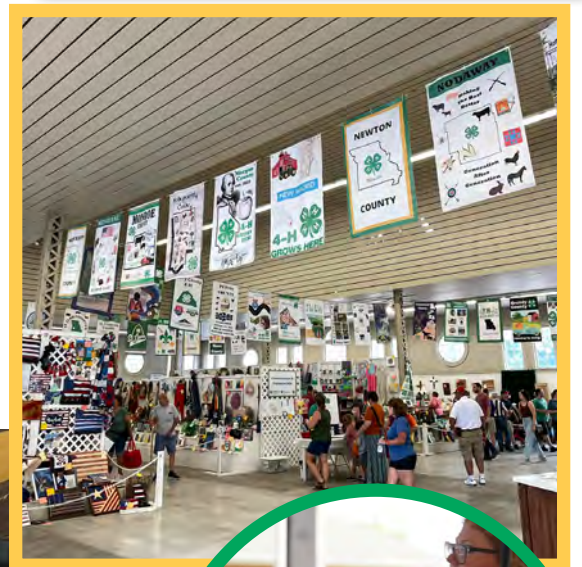
On Thursday, Aug. 18, Gov. Mike Parson and the Director of Ag: Chris Chinn, received a tour of the 4-H Building by **Missouri 4-H State Council Members and Ambassadors.**



During the **4-H Feeding Missouri Food Packing event**, members and volunteers packed 300 boxes (3,000 meals) for veterans. They were joined by Missouri Director of Agriculture, Chris Chinn, Missouri State Fair Commissioner, Byron Roach and Missouri State Fair Queen, Elsie Kigar, 4-H member from Scotland County.



GROW



In the Mizzou Central Building, youth entrepreneurs sold original products and services as part of the **Show-Me 4-H Wares** program.



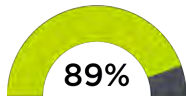


GROWING

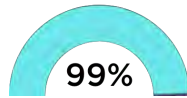
- “Older members have stepped up into leadership roles and shown younger members how to serve together.” — **Hitt 4-H SPIN Club, Lafayette County**
- “I saw some of our most shy Clover Kids make connections with community members and join them in singing Christmas carols.” — **Walkenezer 4-H Club, Lafayette County**
- “Working together as a team, they learn to work together and use the strengths of each person where they are needed.”— **Montrose Busy Beavers 4-H Community Club, Henry County**
- “I learned that I have my own opinions and other people have theirs. It’s okay to have different opinions.” — **Catcher P., age 10, Linn County**



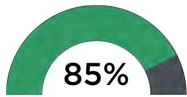
97%
Like to learn about people who are different from them



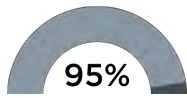
89%
Stop to think about their choices when making a decision



99%
Show respect for other’s ideas



85%
Can work with someone who made them upset



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

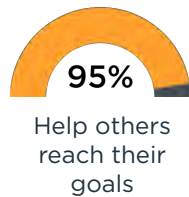
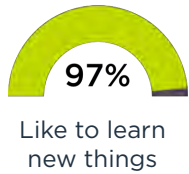
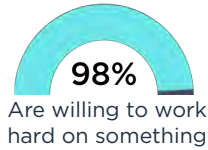


94%
Keep trying to reach their goals



“Through our many fundraisers...our 4-H’ers learn very valuable financial, social, and cooperative skills. They learn how to do jobs individually and how to do jobs as a team. In this age, we tend to rely on technology to do our math for us, especially when it comes to money. Our fundraisers were done with a cash box and each youth’s individual math skills. They learn how to figure totals, and how to figure and count back change to customers.”

— **Gorin Go-Getters 4-H Club, Scotland County**



"4-H has really taught me a lot about myself. I never thought that I could speak in front of others. Giving a demonstration or a set of reasons, making a motion or presenting a report were things that made me uncomfortable, sweaty and nervous. 4-H has put me in all of these situations. I've learned that I am not only capable, but that the nerves I feel are unnecessary. I know that my future will be filled with public speaking experiences. I might not ever love speaking in front of others, but I will always know I can do it. I am glad that 4-H has given me this confidence. "

— Nicholas B., 4-H member, age 12, Warren County



#M04H
#TrueLeaders



MISSOURI AfterSchool Network (MASN)

The Missouri AfterSchool Network (MASN) builds partnerships and systems across the state that improve, support and sustain high quality afterschool programs. Through a combination of coordinated staff- and/or volunteer-driven projects, MASN works toward three broad goals:



Goal 1 - Foster partnerships at the local, state, and national level to support afterschool professionals and programs.

Goal 2 - Develop public support, garner resources, and build relationships with Afterschool Champions to support and assist with efforts to influence policy and secure new state funding for afterschool programs.

Goal 3 - Ensure quality by providing professional development, technical assistance, and other supports to afterschool professionals and programs, while working on elevating the profession.

The Missouri AfterSchool Network contributes to the success of the 4-H Center for Youth Development through our national affiliations, expanded partnerships, and contracted work. As a statewide, systems-level organization, MASN does not directly serve children and youth in afterschool programs. Instead, the Network provides support and infrastructure such as professional development, advocacy, quality improvement resources, and other supports to the professionals that work in, administer, or fund afterschool programs throughout the state.

Through an annual contract with the Department of Elementary and Secondary Education (DESE), MASN provides training and technical assistance to the 21st Century Community Learning Center and School Age Community afterschool program grantees. MASN staff visit each afterschool site to observe the program operations and interactions between staff and youth and support site level quality improvement efforts.

During the COVID-19 pandemic, which began in March of 2020, MASN stepped up to increase its support of afterschool programs across the state. MASN hosted weekly virtual meetings for program directors to keep everyone updated on the rapidly changing landscape of education during the pandemic. As afterschool programs emerged from the pandemic, MASN continued to expand virtual offerings including monthly director’s meetings, professional development, and Peer Learning Communities (PLC). The shift to virtual offerings allowed MASN to better serve all parts of the state.

Each year, MASN staff and volunteers host the Missouri School Age Community Coalition (MOSAC2) conference. The 2022 MOSAC2 Conference brought together more than 350 attendees for professional development and networking with peers from across the state. 2,428 clock hours were earned over the course of the conference through more than 65 different workshop sessions and two excellent keynote addresses.

In 2022, MASN offered two one-day virtual symposiums. In January of 2022, the Career Awareness and Post-Secondary Access (CAPSA) Symposium brought together more than 125 participants from across the state to learn how afterschool programs can be a place of preparing students for life after high school graduation. The STEM Symposium, held in March of 2022, gathered more than 85 participants to learn about the myriad of opportunities for STEM learning in afterschool settings.

Our Reach in 2020-2021



1 VIRTUAL CONFERENCE

2 VIRTUAL SYMPOSIUMS

95 WORKSHOPS presented

610 UNIQUE attendees

2,400+ TOTAL clock hours presented



1 IN-PERSON CONFERENCE

350+ MOSAC2 CONFERENCE attendees

2,400+ TOTAL clock hours earned

65 SESSIONS

Building Life Skills Through Hands-On Learning

Missouri 4-H makes it simple!

4-H is all about learning new things, making friends, connecting with caring adults, and finding your spark!

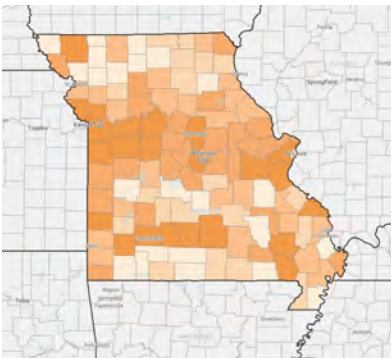
Each 4-H project has research based, peer reviewed curricula behind it. As 4-H's presence is growing into school and afterschool environments, where it is mandated that certain learning standards are met, Missouri 4-H is making it easier than ever to find hands on projects that fit those needs.



4-H curriculum has been matched to the Missouri Learning Standards for you! Download our [free PDF](#) to access the Missouri Learning Standards for 4-H curriculum.

Easily search by curriculum topic OR by a Missouri Learning Standard!

Free download



All Things Missouri: 4-H Maps

The Center for Applied Research and Engagement Systems (CARES) and Missouri 4-H have collaborated to bring you insights into 4-H in Missouri. Through the All Things Missouri website, you can access maps that detail interesting information, not only about 4-H, but almost any topic you can think up!

In the [Missouri Map Room](#), if you search 4-H, you will pull up an array of interesting maps, such as number of 4-H clubs per county and the number of 4-H volunteers per county.



Missouri map room

You will also find specific stories created by CARES to highlight a topic. They have recently created the [Food Security Story Map](#), and it highlights 4-H Feeding Missouri.



ALAINA SHETTLESWORTH, CREATING AN ACCOMMODATING SPACE WITHIN 4-H PROGRAM

Alaina Shettlesworth is a student at Battle High School and an active member in 4-H. She recognized that the judging system for the youth arts program in 4-H was challenging for members that had disabilities or allergies, were non-native English speakers or faced other challenges.

Shettlesworth worked with 4-H leaders and others to develop an alternate judging area that offered accommodations for all kinds of needs. Her comprehensive plan is available as a reference for 4-H groups across the state to implement a similar system.



Please use the QR code to [read her story](#).

The Many Ways to 4-H

There are several ways to get involved in 4-H in Missouri and we can say with certainty they **all** provide the same quality 4-H programming. The programs and resources available through these initiatives can help youth achieve social, emotional, physical, and academic success while developing healthy lifestyles and behaviors. All 4-H clubs are encouraged to elect officers, and plan an educational program of business, community service, and learning.

748 COMMUNITY CLUBS

4-H Community Clubs meet usually on nights or weekends throughout the year and are found in every type of community throughout Missouri. These 4-H Clubs are for youth ages 8 to 18 and usually have a monthly club meeting run by club officers to handle club decisions. Separate meetings are usually held for each project and are lead by a project leader.

Clover Kids is for youth ages 5 to 7 and allow our young members to build self-confidence while having fun and learning to get along with others. They explore different topic areas together in a safe environment. In many instances, Clover Kids are just a section of a bigger community club.

1 Military Clubs are Community Clubs that are held on military bases.

1 Virtual Online Clubs are held only online.

82 4-H AFTERSCHOOL CLUBS

4-H Afterschool is a national initiative that provides extraordinary learning opportunities to school-age youth in urban, suburban and rural communities. 4-H Afterschool is designed to combine the resources of 4-H and the University of Missouri Extension with schools and community-based organizations that provide after-school programs that address community needs.

These 4-H Clubs meet afterschool, and the time they meet varies from several weeks to a full 4-H program year. Youth often focus on one subject, such as robotics or photography. Age requirement: grades K-12 or equivalent.

33 4-H IN SCHOOL CLUBS

4-H In School clubs meet during school hours. A teacher or school administrator will work with a 4-H county specialist to implement 4-H programming during a specified time. These clubs usually focus on one topic at a time and can meet for a short time, or for the entire school year. Age requirement: grades K-12 or equivalent.

245 SPIN (special interest) CLUBS

4-H SPIN clubs allow youth ages 5 to 18 with common interests or hobbies to meet as a club and share and learn more about their special interest. Whatever their passion is, youth can gain knowledge and enhance their skills through a positive group experience. A 4-H SPIN club can be started with a minimum of one adult volunteer and five young people with an interest in a particular topic. The SPIN club model provides increased flexibility in when and how long groups meet.

91 SCHOOL ENRICHMENT CLUBS

These 4-H experiences happen during school hours and are usually based around one topic, such as embryology.

1,201 MISSOURI 4-H CLUBS
#OPPORTUNITY4ALL

Missouri 4-H Camps

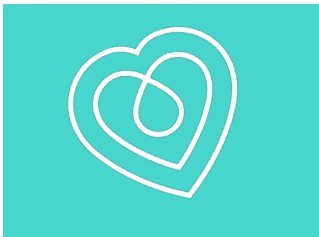
Missouri 4-H offers a wide variety of camping experiences across the state. At each camp, plans are made to give our youth a safe place to make new friends, share new experience, learn new skills, and have fun!



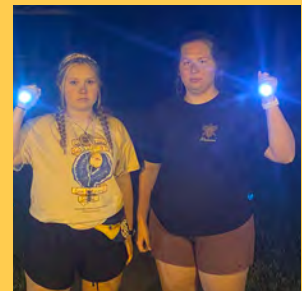
**MAKE
GROW
SERVE
THRIVE**



**#M04H
#4HCAMP**



4-H camps focus on giving our youth the skills they need to be successful in the future.



All of our 4-H camps would not be possible without our dedicated staff, generous volunteers, and enthusiastic camp counselors!

INSPIRE KIDS TO DO

GIVING BACK...

Serving our community

"There is one less stomach empty from being hungry, one less piece of trash on the ground and one more smile on someone's face."

— Busy Bees Community 4-H Club, Newton County

The Garden Project

"Woollam 4-H has shown a lot of HEART for their community through using their HANDS for building and maintaining the garden beds, promoting HEALTH-y eating for community members who may not otherwise have a choice of fresh vegetables to eat."

The Garden Project has grown to twice the size it was when we initially started it about five years ago and we feel is a huge asset to the community."

—Woollam 4-H Community Club, Gasconade County

Showing Patriotism

"Our club applied for a \$500 FSC Financial grant to help our community establish a Blue Star Memorial at our local Poppy Garden on the grounds of the Gen. Pershing's Boyhood Home Historic Site. We were thrilled to received the grant and look forward to helping complete this project. Through this our members learned to make an informed decision, because of supply chain issues, they have learned to be flexible and adaptable, they have learned to set goals and they have definitively developed positive relationships."

— Pershing's Pride 4-H Community Club, Linn County

SERVE



GROW



Valuing and Respecting Differences

"Our 4-H members felt it was important to give back to our community. The goal was to be a bright spot in less fortunate kids' lives and to brighten the spirits of the individuals that live at the nursing homes."

— Rinehart 4-H Community Club, Vernon County

TO OUR COMMUNITIES

Garden Box Kits

Our 4-H club put their hands to work creating garden box kits. The kits contained a hand-crafted wooden planter, plant markers, soil and seeds. The club donated 19 boxes to the Polk County Library for them to use in their summer youth program. "I pledge my hands to larger service.....".

—Good Samaritan Boys Ranch 4-H Club, Polk County



Spreading Cheer

"The 4-H members increased their love, respect and care for others by giving individual Christmas cards to nursing home residents who never hear from their own family. The 4-H club members worked together to pick up trash in the area we adopted as a club."

— Green City Workers 4-H Community Club, Sullivan County



Enthusiasm

"The club has spread positive community spirit by celebrating veterans and helping others in times of need. We have had food drives, donated to families in need during the holidays, made weighted blankets for autistic children, and dog toys for our local shelter. Members problem solved to come up with a budget that worked for the club in preparing for the service projects."

— Clever Clover 4-H Community Club, Ray County

MAKE

Fundraising to make a difference

"Our club helped a lady get her prosthesis so she's able to walk and go back to work. It puts smiles on peoples faces when they saw the projects that we did to help. The youth found so much pride in helping this lady by raising over \$10,000 to be able to get her prosthesis. It was pretty awesome for these kids. And seeing her walk was more exciting for them and us."

—Perry Pioneers Community Club, Ralls County



THRIVE

Giving Money, Time, and Hope

"The community has benefited from the assistance of our club's help at the food pantry, cleaning up after a tornado, adoption of our highways, serving others in need, and being of assistance to others when times are tough. These members putting others first does not go unnoticed and has positively impacted our community. They have given money, time, and hope to others in need. These 4-Hers definitely exemplified "making the best better" by working together as a team to make a positive impact in their community. "

— Shelby 4-H Community Club, Linn County

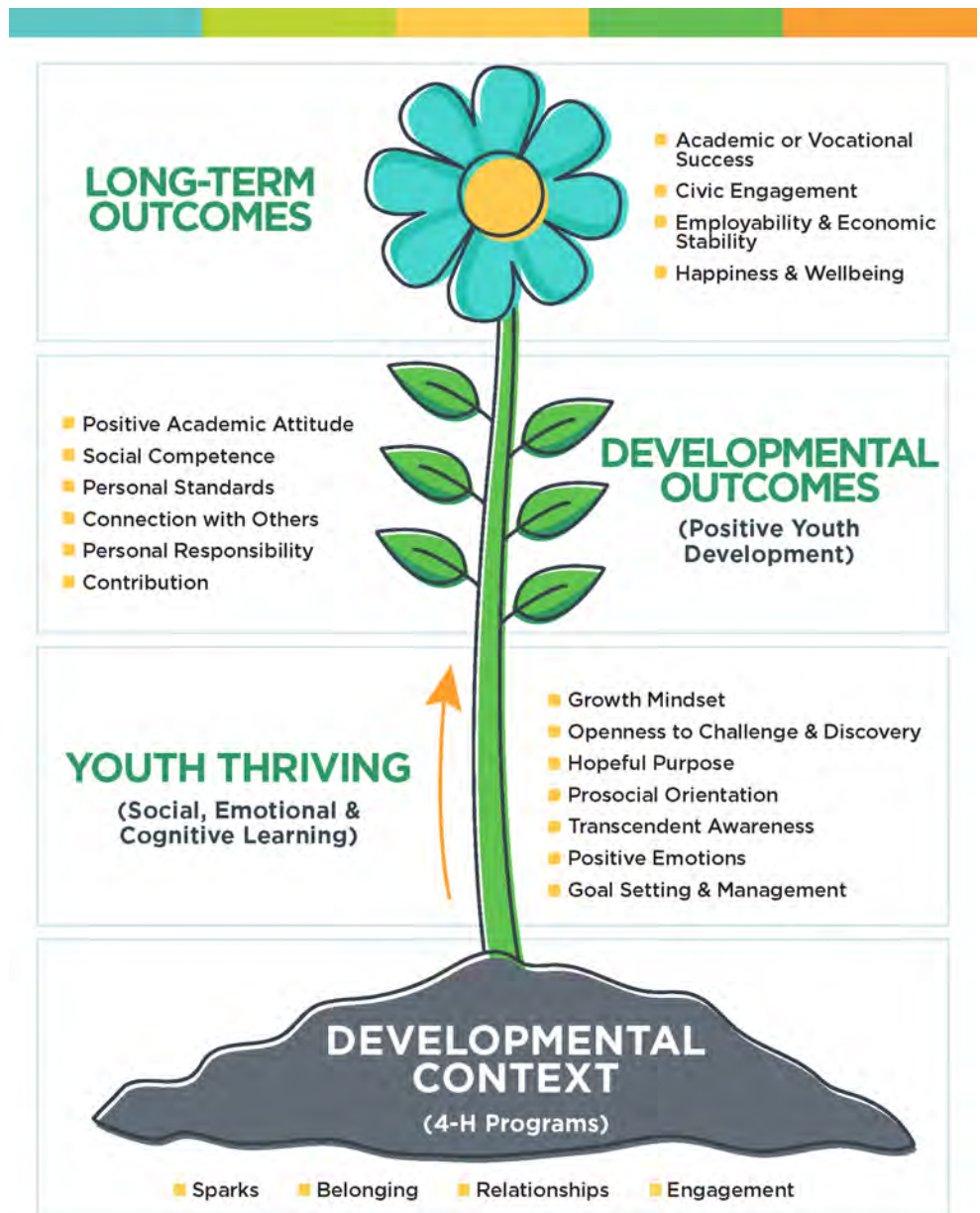
YOUTH THRIVING

Missouri 4-H is fully committed to the Thriving Model of Positive Youth Development as we prepare youth for lifelong success. Current research shows that 4-H helps youth find happiness and health as they succeed in school, make a difference in their community, and contribute to the economy. At the heart of it all are youth **sparks**, the interests and qualities youth discover and become passionate about.

A spark may be a skill, a talent, and interest, or a special quality. Sparks are self-discovered and provide energy, joy, purpose, and direction in young lives. Missouri 4-H provides many kinds of experiences that help youth find their sparks. The journey is unique to each person, and can start through a 4-H club, afterschool program, SPIN club, or countless other opportunities. Sparks help youth grow, connect with others, and stay out of trouble as they contribute in their own unique ways. Youth who find their sparks often connect with a larger sense of purpose, find ways to “fit in,” are more optimistic, and have higher self-esteem.

Missouri 4-H experiences are safe, positive and supportive. Youth know their ideas matter and that they **belong**. 4-H’ers are encouraged to persevere when hard times arise, and to believe in their abilities as they continue to build new skills. Key to this are developmental **relationships** with 4-H adults who are warm, respectful, and trusting. Youth and adults work together in 4-H, and each grows from the experience. Over time the relationship grows into a partnership as youth mature as leaders and decision-makers.

The best outcomes occur when youth **engage** in Missouri 4-H in a variety of ways, getting deeply involved over time. These youth tend to find that they enjoy a challenge, have a sense of purpose and optimism, manage their emotions well, care about the well-being of others, and meet goals they set for themselves as they contribute to make the world a better place. When this happens, youth are said to be **thriving**. This is the goal of 4-H.



National Committees

Chelsea Corkins, EES, NW Region:

- National 4-H LGBTQ+ Youth and Community Affinity Group of PLWG's Access, Equity, and Belonging Committee
- National 4-H Diversity, Equity, and Inclusion Working Group

Clint Darr, Missouri Afterschool Resource Center Coordinator, Mott Quality Learning Community

Karla Deaver, CES, SW Region, National 4-H Program Leader's Working Group's Access, Equity, and Belonging Committee's Youth in Foster Care Subcommittee

Beth Rasa Edwards, MASN Enrichment Connections Coordinator, National Association of Extension 4-H Youth Development Professional – Afterschool Task Force

Laura Evans, FS, UW Region: NAE4-HYDP- Urban Programming Work force group

Lupita Fabregas, Missouri 4-H Director:

- North Central 4-H State Leaders, member
- 4-H States, board member
- ESP Urban and Culturally Diverse Audiences Affinity Group, member
- NAE4-HYDP Equity Committee, member

Stephanie Femrite, Missouri 4-H Assistant Director

- Advancing the Thriving Model, Program Leaders Work-group (PLWG) Task Force, Professional Development Team
- North Central Positive Youth Development Champion

Terri Foulkes, MASN Executive Director, 50 Statewide Afterschool Network School Age Child Care Workgroup

Kim Hall, FS, WC Region: Organizational Alignment Committee for the Thrive Model

Ashlee Liska, MASN YDC Coordinator, 50 Statewide Afterschool Network School Age Child Care Workgroup

Robert McNary, CES, SW Region: Agriculture Literacy

Amanda Meek, NAE4-HYDP- STEM Work force group

Melissa Scheer, FS, UE Region: National 4-H Program Leader's Working Group's Access, Equity, and Belonging Committee's Youth Experiencing Homelessness Subcommittee, Co-Chair

Rhonda Shafer, CES, EC Region: NAE4-HYDP Diversity, Equity, and Inclusion Working Group

Publications

Calvert, M., & Peckman, T. (2022). Thinking Outside the Box of Evaluation Platforms: Adapting Qualtrics for Virtual 4-H Judging Competitions. *The Journal of Extension*, 60(1), Article 14. <https://doi.org/10.34068/joe.60.01.15>

Diaz Carrasco, C. P., **Fabregas Janeiro, M. G.** & Drill, S. (2022). Engaging Underserve Urban Audiences in Environmental Conservation. Book Chapter. *The Routledge Handbook of Sustainable Cities and Landscapes in the Pacific Rim*. Edited by Yizhao Yang and Anne Taufern

Worker, S. M., Kok, C. M., Vega, L., Moncloa, F., **Fabregas Janeiro, M. G.**, & Gunn, M. L. (2022). Welcoming diverse youth into 4-H: A handbook for 4-H professionals. <https://anrcatalog.ucanr.edu/Details.aspx?itemNo=8714#FullDescription>

Worker, S.M., **Fabregas Janeiro, M. G.** & Schmitt-McQuitty, L. (2021). Latino Volunteerism in the 4-H Youth Development Program. *Journal of Human Sciences and Extension*, 9(3), 206-219. Retrieved from <https://www.jhseonline.com/article/view/1125>

Conferences

- Calvert, M., Cameron, V., & Morefield, S.**, (2021, November). *Supporting 4-H families through online platforms* [Conference session]. National Association of Extension 4-H Youth Development Professionals, Memphis, TN, United States.
- Conrow, H., and **Corkins, C.** (2022, June). *Ag in the Classroom EVERYWHERE!* [Conference session], National Ag in the Classroom 2022 Conference, Saratoga Springs, NY United States.
- Corkins, C.** (2022, October). *The Game of Life: Teaching Youth to Navigate Government-related Scenarios During a County Government Day* [Conference session], National Association of Extension 4-H Youth Development Professionals 2022 Conference, Madison, WI United States.
- Darr, Clint**, (2022, March). National Afterschool Association Annual Conference, Las Vegas, NV, presented and attended. (2022, April) Best of Out of School Time (BOOST) Annual Conference, Palm Springs, CA, presented and attended.
- Deaver, K.**, Dierenfield, C., Jamison, K. and Mallory, L. (2022, September). *Showing Extension How to Unlock the Potential of Youth in Foster Care* [Conference session]. Epsilon Sigma Phi 2022 National Conference, Branson, MO United States.
- Dietzschold, K., **Grace, S.**, & McCarty, A.,(2021, November). *Feed More: Drive to Feed Kids* [Conference Panel]. 49th Missouri Governor's Conference on Agriculture, Osage Beach, MO, United States.
- Doosing, E.**, Funkenbusch, K. and Cunningham, M. (2022, March). *4-H Save Your Brain* [Conference session]. National AgrAbility Training Workshop, Madison, WI, United States.
- Doosing, E.** (2022, April). *Save Your Brain: Empowering Youth to Advocate for Policy that Promotes Head Injury* [Conference session]. Public Issues Leadership Development Conference, Washington, D.C., United States.
- Doosing, E., Evans, J., Hampton, S.** and **Shafer, R.** (2021, October). *Missouri 4-H Career and College Readiness* [Conference session]. National Association of Extension 4-H Youth Development Professionals 2021 Convention, Memphis, TN.
- Edwards Rasa, B.** (2021, November). *Kick Up Your Program with 4-H Healthy Living, Soccer for Success.* Missouri School-Age Community Coalition Conference, Lake Ozark, MO, United States.
- Evans, L.**, Oryshyn, C. (2022, March). *Partnering for youth development and community betterment.* Missouri Park and Recreation Association Conference, Springfield, MO, United States.
- Galland, C. & Grace S.** (2021, November) *Experiential Learning: Learning by Doing and Reflecting.* [Conference session]. Missouri School Age Community Coalition (MOSAC2) Conference, Osage Beach, MO, United States.
- Huber, C., and Corkins, C.** (2022, January). *Experiential Learning: Community Engagement Opportunities with 4-H* [Conference session], University of Missouri Teaching Renewal Week Conference, Columbia, MO (Virtual) United States.
- Huber, C., Adkins, T.,** Mott, R. (2022, May). *4-H volunteer experiences during the COVID-19 pandemic* [Poster]. American Association for Agriculture Education National Conference, Oklahoma City, OK.
- Lademann, B.** (2022, March). *Community Showcase Talk*, [Presentation & breakouts], National Afterschool Association Annual Conference, Las Vegas, NV.
- Meek, A.** & Schwartze, M. (2022, November). *Getting Your Feet Wet: High School Field Trip Activities for Geoscience Integration* [Conference session]. MEEA & KACEE Environmental Education Conference, Kansas City, MO, United States.
- McNary, R & Edward Rasa, B.** (2021, November) *Basic Electricity.* Missouri School-Age Community Coalition Conference, Lake Ozark, MO, United States.

Conferences con'd

Shinn, J.D. (2023, January 12) *Curbing the Critical Thinking Crisis professional development* [Conference session]. University of Missouri's Teaching Renewal Week 2023, Columbia, Missouri, United States. <https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=35e1422a-9927-47f1-a397-af8801604be5>

Young, T., and **Corkins, C.** (2022, March). *Partnership between University of Missouri Extension and Show-Me ECHO to extend the reach of ECHO participation* [Presentation], National Cancer ECHO Collaborative, Virtual.

Recognitions

National Recognitions

Melissa Scheer, FS, UE Region. NAE4-HYDP Distinguished Service Award, November 2022.

Becky Simpson, CES, NW Region. NAE4-HYDP Meritorious Service Award, November 2022.

State Awards

Kim Allison, YPA, SE Region. University of Missouri Extension Association Staff Programming Award, 2022 October.

Brad Coleman, FS, SE Region. Missouri Farm Bureau Federation Outstanding 4-H Youth Specialist Award, 2022 October.

Lupita Fabregas, Missouri 4-H Director, Epsilon Sigma Phi North Central Region Diversity Individual Award, 2022 October.

Diane Oesch, YPA, SE Region. University of Missouri Extension Association Staff Programming Award, 2022 October.

Melissa Scheer, FS, UE Region, Missouri Association of Extension 4-H Youth Workers Distinguished Service Award, 2022 October.

Rhonda Shafer, CES, EC Region. Missouri Epsilon Sigma Phi Outstanding Regional Extension Faculty and Distinguished Service Award, 2022 October.

Becky Simpson, CES, NW Region, Missouri Association of Extension 4-H Youth Workers Distinguished Service Award, 2022 October.

Sarah Wolters, FS, UW Region. Provost's Award for Creative Extension Programming by New Faculty, 2022 October.

Ina Linville inducted into the National 4-H Hall of Fame

Ina Metzger Linville was inducted into the National 4-H Hall of Fame for her lifetime achievements and contributions to 4-H. Linville's career with Missouri 4-H spanned more than 30 years. She served as Missouri 4-H program director from 2009 until her retirement in 2017.

"Ina's state and national leadership helped 4-H develop effective national programs in 4-H Afterschool, 4-H STEM and 4-H Mentoring," said Eddie Locklear, former national director for after-school, STEM and mentoring programs at the National 4-H Council.

"Ina's induction into the National 4-H Hall of Fame highlights the impact and importance of her work with 4-H," said former Missouri 4-H program leader Jo Turner, who was inducted into the National 4-H Hall of Fame in 2018. "Her work improved the lives of thousands of young people in Missouri, in the U.S. and around the world."



The Missouri 4-H Team



GROW
MAKE
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THRIVE

4-H CENTER FOR YOUTH DEVELOPMENT

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