

Dade County 4-H Newsletter

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Dear 4-H Families,

One of my favorite things to do each year is to review my observations of 4-H members as they share what they believe has been their best experience in 4-H. I am encouraged as member after member shares that for them, 4-H has been a “can do” organization. Many of them will talk about the first project they showed at the fair, or their first overnight trip away from home. Nearly all of them will share how they were scared the first time they gave a presentation or showed at the fair, and then they go on to explain that after many presentations, many projects, many fairs, many trips, they realized that they had the self-confidence they needed not to be scared anymore. Some of them will share that they have been able to use this self-confidence to successfully move on into other avenues in their life, whether a career or advanced education or other pursuits. I am proud to be part of an organization that provides so many positive learning opportunities for young people.

As we come to the first of a new year we think about new beginnings, and new opportunities. Each of us has a clean slate and a new start. Looking now to our 4-H year, the starting of projects meetings, getting into the groove of our new 4-H club office, and beginning to think about what we will take to the fair, we all need to reflect on our strengths and weaknesses and determine what we need help with and what we can use to help others. Careful planning at the outset of each project can help assure timely completion and help avoid missing deadlines.

The success of each 4-H member and each 4-H club is the result of many hours of work, both individually and together to organize special activities, conduct meetings, and complete projects. Successful 4-H members have shared with me that when they set out to meet several goals, it was important to get started early, find a regular time to work on each project, ask for help with problems before they got too far along, and show some appreciation for busy project leaders by helping out others that might not have as much experience as they did.

For the year 2022, let’s resolve to seize the opportunities available in 4-H, and give it our best. Then let’s “make the best better.”

Have a great January, and an even greater 2022.

Bob McNary,
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County 4-H News

County Awards

If you are interested in applying for any awards on the county level, they are **due in the County Office by January 15th**. These awards include Level 1 (Y2000) Member Award ages 8-10, Level 2 (Y2100) Member Award ages 11-13, Level 3 Member Award ages 14 and over (Y2200) and also the Project Awards (Y620) and the Shooting Sports Project Award (Y7405). *There is also a video on how to fill out your **project record form**. It is located under the project record form link at <http://www.4h.missouri.edu/resources-forms.aspx>. Project Forms are available, please contact the Dade County Extension Office for more information. Remember to include pictures and your 4-H story in your end-of-year report.

We would like the reports submitted to the extension office no later than January 15, 2022. They will be used for recognition at the Awards Banquet in February, date and time to-be-determined.

Regional 4-H News



State 4-H News

A promotional graphic for the Missouri Junior Science and Humanities Symposium (JSHS). It includes the JSHS logo, the University of Missouri logo, and a QR code. The graphic is divided into several colored sections: a yellow box for the application deadline, a blue box for event dates and times, and a green box for event details and a 'Why participate?' section.

Missouri JSHS
JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM

College of Engineering
University of Missouri

Apply by February 15

Day 1: March 18, 2022
9:00 - 5:00
University of Missouri-Columbia

Day 2: March 19, 2022
9:00 - 12:00
Virtual via Zoom

JSHS challenges, engages, and recognizes students (Grades 9-12) conducting research in the sciences, technology, engineering, or mathematics (STEM).

Why participate?
Scholarship opportunities
MU campus experiences
Career exploration
And much more!

For more information, visit:
<https://www.jshs.org/region/missouri/>

The Missouri Junior Science and Humanities Symposium (JSHS) is a national STEM event to challenge and engage 9-12th grade students in science, technology, engineering, or mathematics (STEM). This year's Missouri JSHS will be a two-day event on March 18-19, with day one in-person at the University of Missouri-Columbia and day two held virtually via Zoom. The in-person day will include campus experiences to give participants a better understanding of STEM opportunities beyond high school and prepare them for undergraduate pursuits. Participating high school students will be able to share their research projects and compete for scholarships. Finalist will be funded to participate in the National JSHS. There is also a regional teacher award to recognize educators advancing student participation in STEM research.

There are eight categories for student research:

- environmental sciences
- biomedical sciences
- life sciences
- medical and health/behavioral sciences
- engineering and technology
- mathematics and computer science
- physical sciences
- chemistry

For more information on this year's Missouri Junior Science and Humanities Symposium, please visit the website [here](#) or email the Student Organization for the Advancement of Research Education (SOARE) at muengrsoare@missouri.edu.

Citizenship Washington Focus

CWF is National 4-H Council's premier leadership and civic engagement experience for high school students.

Highlights:

- Washington, D.C., Gettysburg, PA, and Williamsburg, VA
- Tour national monuments and memorials
- Meet their elected officials and tour the US Capitol
- Network and exchange ideas with 4-H'ers from across the country

Apply in 4-H Online by January 15, 2022 Cost: \$2,600; first payment due Jan. 10

[More info](#)



MSF Youth in Agriculture Scholarship Deadline February 1

The Missouri State Fair and the Youth in Agriculture Committee are accepting applications for Youth in Agriculture scholarships for Missouri high school seniors graduating in 2022. Applications should be submitted to the Missouri State Fair and must be postmarked by February 1, 2022. Applicants must submit an original copy of their application and three

additional copies. [More details on Youth in Ag Scholarship](#)

Missouri 4-H Foundation Scholarships

College is expensive but 4-H can help! 4-H participation and involvement leads young people to explore various careers and educational options. The Missouri 4-H Foundation offers college scholarships that help 4-H members pursue their educational dreams. 4-H'ers who are current high school seniors and former 4-Hers who are college students are eligible to apply. More scholarship information can be found at the [Missouri 4-H Foundation website](#).



Missouri Agribusiness Academy

The Missouri Agribusiness Academy application is now available. The 2022 MAbA class will tour agribusinesses, explore educational opportunities and meet with agricultural leaders in the Kansas City area this summer.

To be eligible for MAbA, students must be a high school sophomore and come from a farming family or be an active member of Missouri 4-H or Missouri FFA.

Applications are due Feb. 1. Learn more and apply today <https://bit.ly/3sab2Yr>



4-H Ag Innovators Experience

We are happy to announce that Missouri 4-H will be participating in the 2022 4-H Ag Innovators Experience "Unlock Ag Innovations Challenge." This year's challenge focuses on the understanding of how converging innovation in seed genetics, biologics, crop protection,

digital tools, precision equipment and agronomic practices is making more systems-based solutions possible for farmers, allowing them to overcome unpredictable challenges to provide for a more resilient global food system. Interested 4-H members can apply via the link below. Applicants must be 13 years or older and must provide a response to all the application questions to be considered. [Application link for Ag Innovators](#)

For any questions, please contact: Maria Calvert at calvertml@missouri.edu or Amanda Meek at meeka@missouri.edu.

[Application link for Ag Innovators](#)

4-H Community Service Grants

Did you know that the Missouri 4-H Foundation offers Community Service Grants for clubs to do a project in their communities? Through generous grants from **Crader Distributing** and **Stihldealers.com**, the Missouri 4-H Foundation offers grants of up to \$1,000 to match funding for a 4-H Community Service project. [More info on Community Service Grants](#)



4-H Feeding Missouri

Missouri 4-H kicks off year FOUR of 4-H Feeding Missouri on January 1! Join with us to tackle food insecurity where you live.

You will find the resources you need on the [4-H Feeding Mo webpage](#) to educate others about this important topic, ideas on planning food and money drives, and suggestions for volunteering your time to fight hunger.



Our friendly county competition runs from JAN 1 – APRIL 30.

- Use #4HFEEDINGMO in all your promotions
- Monetary donation options (they go directly to Feeding Missouri for the most impact):
 - Text to Give: **4HFM2022**
 - Online donation link: [Donate to Give to Feeding Missouri](#)
- Survey for reporting your food donations and volunteer hours (opens JAN 1): [4-H Feeding Mo Donation Survey](#)

4-H Feeding Missouri Mini Grants

Through a partnership and a generous donation from Missouri Farmers Care, matching mini grants are available. Proposals will be accepted from January 1 to March 31, for projects/events occurring between January 1 and April 30. The grant guidelines and application can be found under the Matching Mini Grants tab on the [4-H Feeding Missouri webpage](#).

State 4-H Meats Judging

Saturday, February 19, 2022 at the University of Missouri, Columbia. Registration open in 4-H Online January 1 to February 1. Cost: \$25 per youth, no fee for coaches. [Full details on 4-H Meats Judging](#)

4-H Move Across Missouri

4-H MOVE Across Missouri is an annual program to encourage youth and the adults their life to get active!

- From February 1 - April 30 keep track of your active minutes.
- Before May 1st, be sure to enroll in the MOVE project to be eligible for prizes.
- From May 1 - May 15, enter your results into 4-H Online for the official tally.
- Results will be published on or before May 31 on the Missouri 4-H webpage.

For full details, visit the [4-H MOVE webpage](#).



Shooting Sports Update

NOTE: Shooting sports dates marked tentative are the traditional dates for these events. These dates will be set by committee in January 2022.

State Shoot: Skeet	Tentatively 1 st weekend in Aug.	Jun 1—Aug 1
State Shoot: Trap & Archery 300	Tentatively 4 th weekend in Aug.	Jun 1—Aug 1
Western Heritage State Shoot	Tentatively 2 nd weekend in Sept	Jul 15—Aug 31
State Shoot: Everything Else	Tentatively 3 rd Weekend in Sept	Jul 15—Aug 31
State 4-H Public Speaking Contest	Sept 24	
State Livestock Judging Contest	Sept 10	August 1—Sept 1
State Fashion Revue	Oct 8	
State Shooting Sports Award Ceremony	Tentatively 3 rd weekend of Oct	No registration
Shooting Sports State Team Tryouts	Various weekends Sept-- Dec	



Teen Leadership Opportunities

Learn how you can get involved with Missouri 4-H as an Executive Officer, Regional Representative, or Ambassador in 2022.

Executive Council



Executive officers on the Missouri State 4-H Council include President, Vice President, Secretary, Treasurer, and Outreach Coordinator. This opportunity is open to all Missouri 4-H youth ages 14-18.

Applications are open in 4-H Online from November 8, 2021 through January 15, 2022. These applications will be reviewed by a panel, then 2 candidates will be selected for each office.

Candidates will prepare a campaign speech to give at the 2022 State 4-H Congress, and will be voted on by the delegates.

Regional Representatives

There is one regional representative per region, although an alternate may also be selected from each region. This position is open to all 4-H members ages 14-17.



Check with your 4-H Specialist for your region's application and deadline.

2021-22 State 4-H Calendar

Event	Date(s)	Registration
NOTE: This chart reflects the current plan. Occasionally, situations beyond our control force us to move or cancel an event. Changes will be broadcast on social media, newsletters, and emailed to those already registered.		
Mo 4-H Foundation: Scholarships	Jan 1—Mar 1	
4-H Feeding Missouri	Jan 1-April 30	
Move Across Missouri (MOVE)	Competition: Feb 1 to Apr 30; Reporting: May 1-15	
State Meats Judging Contest	Feb 19	Jan 1—Feb 1
Sportfishing SLAM	March 1 - June 1	No Registration
National Volunteer Week	April 17-23, 2022	
National 4-H Conference	TBD (waiting on National 4-H)	
Missouri/Kansas Shoot Out Event	Spring	
State Equine Contest		
State Horse Judging Contest	Apr 9	Feb 15—Mar 15
<u>Horsebowl</u> (no Hippology this year)	April 10	Feb 15—Mar 15
4-H Stem Extravaganza		
Missouri 4-H Week		
State 4-H Teen Conference	May 31-June 1 (noon to noon)	March 1—Apr 15
4-H Explorers (NEW)	June 1-2 (noon to noon)	March 1—Apr 15
State 4-H Congress	June 2-3 (noon to noon)	March 1—April 15
Mo Youth Grading & Judging Contest & Clinic	TBD	
Poultry Day	June 11	May 1—June 1
State Sportsfishing Contest	June 25	May 1—June 1
Shooting Sports National Championships	June 26—July 1	
Citizen Washington Focus Trip	July 1-11	
MFA Saddle Award Application	Due July 1	
Youth Futures Conference	July 18-21	
<u>FilmFest</u>	Tentatively 1 st weekend in Aug.	
Western Heritage National Conference	Tentatively 1 st week of Aug	
Missouri State Fair	August 11-21	
4-Her Demonstrations in 4-H Building		June 1—July 15

Clover Kids Corner



Through Clover Kids clubs, children learn how to get along, share, and work in groups, explore their interests, and build self-confidence. Each Clover Kids Corner provides an activity, information or other materials that Clover Kids leaders can use in planning and implementing experiences that introduce five- to seven-year-olds to the 4-H concept of learning by doing.

This science activity helps children explore the formation of salt crystals.

Crystal Garden

Supplies (per child):

3 clean, dry sponges

1/4 cup table salt

1/4 cup Laundry Bluing (you can buy this at a grocery store)

aluminum pie plate or cake pan

2 tbsp. ammonia

food coloring (any color)

Directions:

- Arrange the sponges in the pie plate (cutting them if necessary)
- Pour the salt, water, bluing, and ammonia into a mixing bowl and stir well
- Pour the mixture over the sponges
- Sprinkle drops of food coloring on the sponges
- Let the pan sit. It may take hours, and sometimes several days to see the transformation to crystals.

Clover Kids can report about the success of their crystals at the next meeting!

How does it work?

As water evaporates, some of the salt cannot be retained and crystals of salt form around the bluing particles. Bluing is made of a very fine blue iron powder suspended in water. The ammonia is added to speed up the evaporation process. Children, with the help of caregivers, can add more bluing, salt and water from time to time to keep beautiful crystal flowers blooming indefinitely.

University of Missouri, Lincoln University, U.S. Department of Agriculture & Local University Extension Councils Cooperating

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