



# Boone County 4-H Newsletter

## February 2024



### 4-H Camp Counselor Application

4-H Camp Counselor Applications are now open! Please mail or bring completed application to the Boone County Extension office, February 9, 2024. The application can be found [here](#).

### 4-H Camp Clover Point Dates

Counselor Training will be February 17th, 9 am - 3 pm at the Eldon Nazarene Church, this is subject to change. Counselor Training will be June 7-8th at Camp Clover Point grounds. The first session of camp will be June 10-13th. Following the first session, the Shooting Sports camp starts 3 pm June 13th - 3 pm June 15th. The second session will be June 17-20th. **Please note that guardians will be responsible for transportation.**

### Shooting Sports 740 Safety Class

The class was held at the Boone County Extension Office on January 19-20, The training was successful as we had first year shooting sports kids learn from Boone County shooting sports experts. Below is picturing the Beal Family as they present smallbore rifle and air rifle techniques (left) and Eddie Ridgway demonstrating archery disciplines (right).



### Calendar

- **February 1**
  - Applications due for State Council and Civic Engagement Ambassadors
- **February 9**
  - Counselor Application Due
- **February 10**
  - Market Beef Weigh-In
- **February 17**
  - Counselor Training
- **March 5**
  - SMQA Training
- **April 8**
  - Great Solar Eclipse
- **May 8**
  - Market Swine, Sheep, Goat Weigh-In
- **June 7-8**
  - Counselor Camp
- **June 10-13**
  - Camp Session 1
- **June 13-15**
  - SS Camp



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an equal opportunity/ADA institution

## MU Extension Internship

### Opportunity

The position is posted through Handshake. It is a requirement that the intern be a University of Missouri student. Therefore, applications are only accepted through Handshake, which requires a student log-in. It is Job #8390530. Please share this amazing opening!



## Livestock Notables

- Market **beef** weigh-in will be **February 10th, 2024**. The location of this event will be held at the University of Missouri's South Farm, Creed Barn from 8 am to 10 am. **Pending weather, February 17th** weigh-in. The location and weather will be the same.
- **Swine** drive-thru collection for those showing at State Fair, **May 8th 5-7 pm** - same day as **sheep/goat** weigh-in.
- There will be a form on the Boone County fair website that will include swine ear notches - the drive thru is the ones going to the State Fair or want help reading their ear notches.
- **Goat/sheep** weigh-in, **May 8th, 5-7 pm**, at the Boone County fairgrounds.
- Reminder that all samples need to be sent to the Missouri State Fair by Extension staff on the approved 4-H members behalf.
- All market livestock will need be DNA sampled. The next page displays the instructions.
- Boone County Extension will provide the envelopes needed to collect the DNA sample as the livestock specialist in Howard County will be administering.

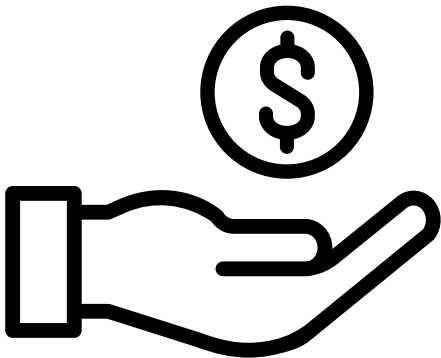
## SMQA

Show Me Quality Assurance Training will be at Jefferson Farm on March 5, 2024 at 6 pm.

## Facebook

Please refer to the Boone County Fair Facebook and website to keep posted on upcoming things. In addition, please be sure to like the **new** Boone County MO 4-H page and Boone County 4-H Extension Facebook page.

## Club Fundraising Opportunity - Prize Raffle



All 4-H clubs are invited to join the Shooting Sports Counsel to their annual calendar sale. Each calendar has over 100 chances to win a firearm related prize, and winners can win more than once. Each sale will earn money for your club. The calendar cost will likely be approximately \$50 each with an estimated 20-30% return to each individual club. PRIZES for top 3 sellers!! Club leaders will have the details regarding this fundraising opportunity.



# DNA SAMPLE COLLECTION INSTRUCTIONS

## NEW FOR 2024

Market livestock DNA will be collected via hair follicles. Nose prints and blood samples will no longer be accepted.  
Questions - Call/email Rhiannon Birdwell, Competitive Entry Supervisor 660.530.5616 / Rhiannon.Birdwell@mda.mo.gov

### Instructions for pulling hair and placing in envelope:

- Pull hair with root follicles attached.
- Hair should be dry.
- If hair has excess dirt and debris, please brush out if possible.
- Do not cut the hair, the roots contain the DNA for testing.
- Use fingers or pliers to grasp approximately 8-10 hairs close to the skin and pull.
- Repeat until you have approximately 20-30 hairs with root follicles attached.
- Place 20-30 hairs with root follicles attached in a regular #10 envelope. Seal envelope.
- Clean hands and/or pliers before sampling another animal.

**Labeling envelope:** Before labeling, please verify that the ID of the animal matches the ID label on the hair sample envelope. Envelope should include the following:

- Exhibitor name
- Exhibitor address
- County of residence
- FFA Chapter or 4-H County
- Animal ID (ear notch, tattoo, ear tag)

### DNA Sample Deadlines:

Market Steers and Heifers: postmarked by March 15, 2024

Market Barrows: postmarked by May 15, 2024

Market Lambs and Wether Goats: postmarked by June 15, 2024

Agriculture Teachers or Extension Agents must provide a signature to certify that the hair sample was taken from the entered animal in their presence and that the animal entered is owned by the exhibitor. The DNA sample and collection data form must be returned to the Missouri State Fair by the Agriculture Instructor or Extension Agent and sent to:

Missouri State Fair  
Entry Department  
2503 W. 16th Street  
Sedalia, MO 65301

*DNA submitted to the Missouri State Fair on all junior market animals become the property of the Missouri State Fair. Exhibitors relinquish any claim to said DNA samples when submitted as proof of ownership. DNA samples are stored in a secure environment at the Missouri State Fair and are destroyed in due time following the show. These samples will never be made available for cloning or any like procedure. In all market animals at the Missouri State Fair, any DNA samples that have been collected prior to the Sale of Champions Auction (with the exception of the DNA samples submitted to the Missouri State Fair as proof of ownership as stated above) will be considered to be the property of the exhibitor to use. Exhibitors will not be allowed to use at their discretion to collect any samples after the transfer of ownership via the "fall of the hammer" at the Sale of Champions Auction unless agreed upon in writing between the buyer and the seller.*

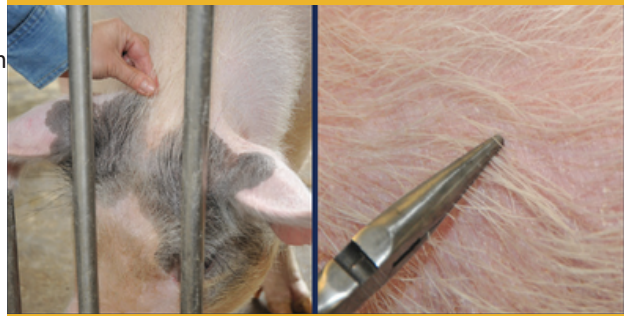
### CATTLE: Switch of tail, poll or neck



### GOAT: Coarse hair from hoof, neck or tail area



### SWINE: Coarse hair from body, tail area, between toes or inside ear



### SHEEP: Coarse hair from hoof or body area



DNA samples will be tested by UC Davis Veterinary Genetics Laboratory, recognized as a pioneer and expert in DNA-based animal testing.  
<https://vgl.ucdavis.edu/>

## Missouri State 4-H Council Applications

It is time to apply if you would like to serve on the youth governing board for the Missouri 4-H Program. In coordination with the Missouri 4-H Center for Youth Development, the State 4-H Council's charge is to represent youth interests throughout the state in matters of policy and programming so that the educational and developmental needs of Missouri 4-H'ers may best be addressed. Specific responsibilities include, but are not limited to, the planning and implementation of State Congress and to represent Missouri 4-H at the annual Missouri State Fair and the various state 4-H events across numerous programmatic areas such as public speaking, fashion revue, shooting sports, judging competitions, and leadership development events/trainings.

REGIONAL REPRESENTATIVES give voice to regional perspectives in the context of the State Council. In addition, they represent Missouri 4-H in public contexts both within their counties and at regional and state-level events. There are eight regional representatives, one delegate representing each of the eight Missouri Extension regions.

THE MISSOURI 4-H STATE BOARD OF DIRECTORS consists of five individuals that have been elected by their peers to serve as the executive officers of the Missouri 4-H State Council and the highest-ranking youth officials within the Missouri 4-H Program. The positions are president, vice-president, and three state representatives. The board constitutes the most public facing delegation of Missouri 4-H membership because they formally represent the program to the University of Missouri, state and local government, friends and donors of 4-H, industry partners, and other key stakeholder groups. The board will preside over State Council meetings in addition to the annual Missouri 4-H State Congress.

You will find full details and expectations on the applications which are due February 1, 2024:

- [State 4-H Council Application Form](#)
- (same form for Board of Directors and Regional Reps)
- [State 4-H Council Academic Reference Form](#)
- [State 4-H Council Reference Form](#)



## Missouri 4-H Civic Engagement Ambassadors Applications

The purpose of the Missouri 4-H Civic Engagement Ambassador Program is to educate local policy makers, industry stakeholders, community partners, and 4-H'ers at the county and regional levels on the topics of land-grant history, 4-H program offerings, and service-learning opportunities. Through this program, ambassadors can expect to develop meaningful professional connections as they seek to educate others on ways to engage with Extension and to positively contribute to their communities. Ambassadors are paramount to further connecting 4-H'ers with each other throughout the state and to developing social capital with individuals and entities directly and indirectly invested in the land-grant mission of the University of Missouri and the 4-H motto to Make the Best Better. Ambassadors are expected to engage with local policymakers that include county commission boards and local school boards. In addition, they are asked to connect with 4-H'ers and 4-H faculty in their region through county meetings, regional energizers, and service projects. Ambassadors will plan and preside over Missouri 4-H Teen Conference. In addition, they will be invited to represent Missouri 4-H at statewide events including but not limited to the Missouri State Fair, Legislative Academy, and State Congress. An ambassador's term begins at Missouri 4-H State Congress and lasts a calendar year from that event.

You will find full details and expectations on the applications which are due February 1, 2024:

- [Civic Engagement Ambassador Application](#)
- [Civic Engagement Ambassador Academic Reference Form](#)
- [Civic Engagement Ambassador Reference Form](#)

## Citizenship Washington Focus

Citizenship Washington Focus is National 4-H Council's premier leadership and civic engagement experience for high school students. Teens from around the nation gather to have meaningful discussions, hear from prominent speakers, and learn the skills they need to lead their local communities and build a brighter future. The 2024 event will be held June 20th-27th in Washington D.C. For the full details on this opportunity, visit the state [website](#).



The event is first-come, first-serve as spots are limited by the National 4-H Council. The deadline to apply is January 15th, however spots may fill before then, so don't delay- sign up today and make your first installment. Youth will be notified of their selection by January 16, 2024.



## MO Agribusiness Academy

Are you a high school sophomore interested in becoming a future leader in agriculture and your community?

Then the Missouri Agribusiness Academy is for you! MABA is a youth leadership program designed for 30 high school sophomores to explore career opportunities in agribusiness, government, and production agriculture. The selected students will participate in a yearlong program to learn about unique opportunities in the Springfield area, volunteer at the Missouri State Fair and learn more about the agriculture industry in Jefferson City. The 2024 schedule will be finalized in the spring and will include visits with industry and agribusiness leaders, as well as tours of their facilities. For applications and guidelines, as well as more information on the Missouri Department of Agriculture and its programs, visit the Department [online](#).

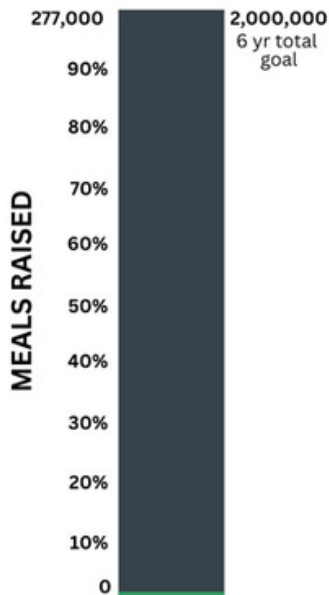
## 2024 4-H Day with the Cardinals

The 21st annual 4-H Day with the Cardinals will be May 18, 2024 when the Cardinals take on the Boston Red Sox at 6:15 p.m. at Busch Stadium. Tickets are \$30 each and includes a specially designed t-shirt with the 4-H clover and Cardinals logo. In addition, 4-H members who participate in a raffle will have the chance to throw out the first pitch! Other family members and friends can win other great prizes. Each person will receive one chance to be selected for every \$100 donated. Also, everyone will have the opportunity to participate in a parade around the field prior to the game! Ticket orders will be accepted starting February 1 - midnight March 29. There is a limited number of tickets, so order early! Groups or families that wish to sit together, must submit on one order. All sales are final and no refunds will be given. Tickets and t-shirts will be mailed May 1 to the address provided on the order. Registration is through Cvent and can be found at:

<https://extension.missouri.edu/events/4-h-day-with-the-cardinals-2024>



**2024 GOAL**  
**277,000**  
**MEALS**



## 4-H Feeding Missouri

4-H Feeding Missouri began in 2018 as a partnership between Missouri 4-H and Feeding Missouri. Our goal was to bring awareness to the issue of food insecurity and to encourage our members and volunteers to take action in their own communities to fight hunger. This is the 6th year for 4-H Feeding Missouri and so far we have provided over 1 million meals to Missourians. This year our goal is to provide 277,000 meals for the food insecure, which will push us over the 2 million meal benchmark for the life of this program.

The friendly competition for members across the state kicks off January 1st and will run through April 30th.

Food insecurity is an issue in every community across Missouri, what can you do to help in addressing this need? Help us meet our goal and make a difference in the lives of Missourians where you live!

Additional information and resources on the 4-H Feeding Missouri Initiative can be found [here](#) on the State 4-H Website.

## 2024 4-H Ag Innovator Teen Leaders

Twenty-two 4-H teen leaders will teach others how to use their critical thinking skills to take part in solving a real-world agriculture challenge through the 2024 4-H Ag Innovators Experience (4-H AIE) Protect the Plate. This year's challenge explores how different technologies have transformed agriculture and how farmers, government, and consumers must continue to innovate, learn, and adopt to grow more food in a sustainable manner while focusing on food safety. Please congratulate Tobias White and Zane Smith as they dive into this year's challenge!



## 2024 Columbia Young Scientists Expo

The Columbia Young Scientist Fair (CYS) and Expo is just two months out! Last year we had over 400 attendees and provided a wonderful event thanks to our vendors. This year we have even more exciting things happening with partnerships from the Magic House and Maryville University! If you would like to participate by providing a hands-on activity for the event, please fill out this [form](#) or reply to [hubercd@missouri.edu](mailto:hubercd@missouri.edu) by **February 10th**.

### **Columbia Young Scientists Expo**

Saturday March 9th

Memorial Union

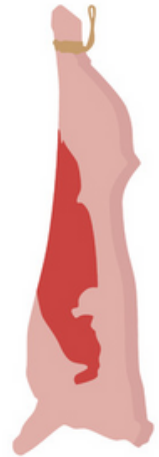
Set up: 11:00am-12:45pm

Expo: 1:00pm-4:30pm with a sensory friendly hour from 1-2pm

## State 4-H Meats Judging Contest

The meat industry is an important component of the Missouri Agriculture Industry. The Meat Identification and Judging Contest has been developed to encourage 4-H members to develop skills and abilities needed to enter and advance in careers in the meat industry. These activities are designed to encourage the development of broader analytical skills, critical thinking, the use and understanding of appropriate meat terminology, and the evaluation of meat animal products to optimize economic returns not only to themselves as producers, but also as consumers.

Classes will include both wholesale and retail cuts, including one or more sets of reasons. Identification includes thirty cuts of beef, pork, and lamb. Registration for the State Contest being held Saturday, February 17, 2024 will be through [4-H Online](#) between December 28, 2023 and January 29, 2024 at a cost of \$25 per youth.



### SAVE THE DATE

2024 MISSOURI 4-H  
EQUINE TOUR  
MAY 20-26, 2024  
DESTINATION - COLORADO



## 2024 Missouri 4-H Equine Tour

4-H Teens, ages 14-18, who are dreaming of an equine-related career, this is the opportunity for you! The 2024 Equine tour will travel to Colorado and explore the equine industry present along the way. The anticipated cost of this experience is \$850 per youth. Forty youth are needed to make the trip a go, but registration is limited to fifty youth. Registration opens in 4-H Online February 1st. So talk it over with your family and friends and save the dates of May 20-26, 2024!

## 2024 State Livestock Judging Contest- NEW TIMELINE

There is a new timeline for the 2024 State Livestock Judging Contest! Registration will run from April 8th to May 11 in [4-H Online](#) with the contest being held June 3rd on the University of Missouri- Columbia Campus. Registration will be \$25 per member. Judging will consist of placing classes of breeding and/or market beef, swine, sheep, and goats, reasons classes where youth will be required to place a class and present a set of oral reasons explaining their placings, and questions classes where youth will answer a set of questions about the animals they observed. For full details, check out the [state 4-H website](#).



## Save the Dates for 2024 State Events



- February 17, 2024 [State 4-H Meats Judging Contest](#)
- March 23, 2024 [State Horse Judging Contest](#)
- April 13, 2024 [State Horse Bowl Contest](#)
- May 20-26, 2024 [Missouri 4-H Equine Tour](#)
- May 28-29, 2024 State 4-H Teen Conference
- May 29-31, 2024 State 4-H Congress
- June 3, 2024 [State Livestock Judging Contest](#)
- June 8, 2024 State Poultry Day

## Missouri 4-H Foundation Scholarships

The Missouri 4-H Foundation offers college scholarships that help 4-H members pursue their educational dreams. In 2024, the Missouri 4-H Foundation will offer more than sixty scholarships each ranging from \$250 to \$2,500. One scholarship application allows the applicant to be considered for any scholarship, subject to the conditions specified by the donor. The application will open on January 1, 2024 with a deadline of March 1, 2024. For all of the details and the application, check out the [Missouri 4-H Foundation website](#).



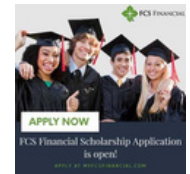
## Grow Ag Leaders Scholarships



Attention Ag Students! Grow Ag Leaders, a Bayer Scholarship Fund, awards scholarships to students pursuing ag-related fields of study. With more than 250 careers ranging from business management to diesel mechanics, the possibilities in ag are endless. To learn more about Grow Ag Leaders, program rules and eligibility requirements visit [www.fund.bayer.us](http://www.fund.bayer.us). The deadline to apply is January 11, 2024

## FCS Scholarships

FCS Financial Scholarship applications are available now for 2023-2024 high school seniors! Applications are due March 1, 2024. For more information and to apply check [here](#).



## MFA Foundation Scholarships



The MFA Foundation offers scholarships to help students pursue studies and develop careers that enhance rural America's future. These scholarships are offered to high school seniors who are children or grand children (including step-children or step-grandchildren) of a member of MFA Agri Services, MFA Oil Company Bulk Plants, or qualified customers of other MFA agencies. Application are available now and must be completed online by February 15th. Check out their [website](#) for the full details and application.

## Missouri Shooting Sports Ambassador Application

- The application for our State 4-H Shooting Sports Ambassador program are due **March 1st**. Please reach out to [erush@missouri.edu](mailto:erush@missouri.edu) if interested.
- Requirements:
  - Must be 12 or older as of January 1 to apply.
- Shooting sports workshops have been announced! Registration for both of our spring courses will open Monday:
  - Spring Leader Certification Course, April 26-28. The location will be Camp Barnabas in Purdy, MO; Southwest Region. The cost is \$135 and registration will be open January 15 - March 31.
  - Hunting & Outdoor Skills and Western Heritage Certification, April 12-14, Location: Marshall, MO. The cost is \$60 (no lodging provided). Registration will open January 15 - March 31.



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