UNIVERSITY OF MARYLAND EXTENSION



April 2021—May 2021



Congratulations to all our Frederick County 4-H members who received awards and certificates!

Click here to watch our 2021 Achievement Night

*All awards and certificates will be mailed out soon as we are still awaiting the prizes to arrive via mail to the office.



Frederick County 4~H Newsletter

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Check out the NEW UME Website!

Frederick County's 4-H page: https://go.umd.edu/4HFrederick

University of MD Extension: https://extension.umd.edu/ (to access Agriculture, Master Gardener, 4-H, etc. state pages)

Frederick County 4-H Office

330 Montevue Lane (3rd Floor) Frederick, MD 21702 301-600-1589

Jennie Schiazzi <u>schiazzi@umd.edu</u> Erin Kline <u>erkline@umd.edu</u>

Frederick County Website



News from Ms. Donielle

Get Fit & Be Healthy

May is National Bike Month and what could be a better way to get fit and be healthy than riding a bike. Many 4-H'ers learn about their bikes, bike safety and nutrition through the 4-H Bike Project. Project materials and guides are available at the 4-H Mall https://shop4-h.org/collection/



With the warm weather and longer days it is the perfect time to start riding a bike for fun and exercise. Biking is one of the healthiest exercises as it's low impact and cardiovascular. Biking also is an excellent way to run errands and get to and from school for some 4-H'ers. National Bike Month is promoted by the League of American Bicyclists and celebrated in communities from coast to coast. Established in 1956, National Bike Month is a chance to showcase the many benefits of bicycling — and encourage more folks to give biking a try.

Learning about bikes can be a fun topic to share with your friends and family members. You can learn about appropriate signals and traffic rules, equipment safety checks, bike maintenance, as well as fitness/nutrition. It is also a great easy way to get to know your neighborhood. Bicycling is an affordable and alternative means of transportation, as well. Cool Fact: The total number of bicyclists is growing rapidly from coast to coast. The National Household Travel Survey showed that the number of trips made by bicycle in the U.S. more than doubled from 1.7 billion in 2001 to 4 billion in 2009.

Share your photos with Frederick County 4-H on social media, getting fit and being active in the Month of May.

Donielle Axline - Frederick County 4-H Educator



Summer 4-H Livestock Workshops: SAVE THE DATES

Sheep: June 19, 2021 in Sabillasville, MD. Details & Registration from Ms Kelly coming soon.

<u>Dairy & Meat Goats:</u> Two separate workshops, details to be sent from Ms Christy & Ms Meagan.

Swine: June 19, 2021 from 3 - 5 pm at the 4-H Camp Center. Details and & Registration from Ms Amanda coming soon.

Livestock Weigh Ins:

June 5—Swine June 7—Sheep

- •Maryland 4-H Market Livestock Registration Forms are due to the 4-H Office (can email to schiazzi@umd.edu) for market animals and commercial females **by May 28, 2021**.
- •Forms can be picked up at the office (black mailbox on porch) or downloaded at https://go.umd.edu/tagform (no need for carbon copies)



•A separate registration will be sent (late May) to families to register for a time slot for weigh-ins.

How To Become a UME Certified 4-H Volunteer:

- Go to the Frederick County 4-H website at https://extension.umd.edu/locations/frederick-county/local-4-h-youth-education and scroll down and click on 'UME Volunteers' to access the Volunteer Application and Reference Forms. Return completed form by email or postal mail to: Erin Kline, UME Frederick County 4-H, 330 Montevue Lane, Frederick, MD 21702 or erkline@umd.edu
- ONALAWA SOLVENIA SOLV
- 2. Enroll in 4Honline at https://v2.4honline.com/ selecting NEW Volunteer as your Volunteer type/role.
- 3. After your reference letters (2-3)come into the office, your information will be sent to the state office to request your background check through an emailed invitation from Sterling Volunteers. This required background check will cost the volunteer \$15.00 for Tier 2 Volunteers.
- 4. Watch the <u>4-H Volunteer Orientation Training</u> video and complete the survey. The link for the survey is given at the end of the video and notifies our office of your completion.
- 5. After completing the online orientation training, go to https://www.signupgenius.com/go/10C0445AAAC2EA1FA7-volunteer to sign up for a phone interview.
- 6. After your phone interview we will send you a Position Description and Appointment Agreement to sign via AdobeSign.
- 7. To keep your certified volunteer status current, each January you will need to re-enroll yourself in the 4-HOnline system and sign the appropriate forms in your online profile.

Maryland 4-H Animal Husbandry and Quality Assurance Program

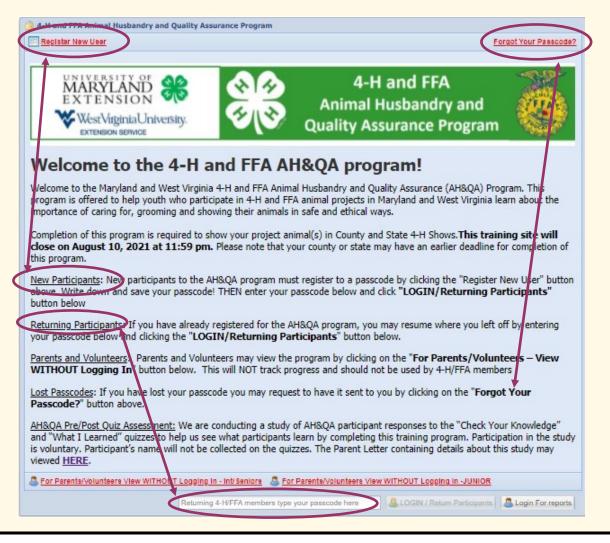
All youth exhibiting their 4-H animals are required to complete the AHQA program by July 1, 2021.

Links for your use:

- AH&OA Program Guidelines UPDATED
- https://ahga.umd.edu Link to complete AH&QA program—NOW OPEN FOR 2021! (see screenshot below)
- AH&OA Pre-Post Test Study Parent Consent /Youth Assent Letter Please Read (in online system)

Reminders:

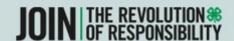
- If your 4-Her has aged up a level (Junior ages 8-10, Intermediate ages 11-13, or Senior ages 14-18) they MUST complete for EACH animal species project as designated in their 4-HOnline record. (Can check 4-HOnline at https://v2.4honline.com/
- Junior (ages 8-10)AH&QA only has 1 part.
- Intermediate/Senior (ages 11-18) AH&QA has 2 parts that must BOTH be completed.
- Each 4-Her MUST be signed in with their own unique passcode in order to get credit for completion. If you click on the red 'For Parents/Volunteer's' links at the bottom and complete, your child's name will NOT be connected to that completion, as it will say 'Guest.'
- Any questions, please contact Erin Kline at erkline@umd.edu with your child's name, 4-H age and animal projects.



4-H CALENDAR

Date	Time	Event	Description	Location
May 28	end of day	DEADLINE: Livestock Weigh In Forms	Market Livestock Registration Forms are due to the 4-H Office https://go.umd.edu/tagform	330 Montevue Lane, Frederick MD 21702 OR email to <u>schiazzi@umd.edu</u>
June 5	By time slot appointment	Swine Tag and Weigh In	Time Slot registration coming in late May	
June 7	By time slot appointment	Sheep Tag and Weigh In	Time Slot registration coming in late May	
June 19	3:00pm— 5:00pm	Swine Workshop	Details and registration coming soon via email	Frederick County 4-H Camp and Activities Center
June 19	TBD	Sheep Workshop	Details and registration coming soon via email.	Sabillasville, MD
June 29, July 7, July 8, July 13, July 15, July 20, July 27, August 3	9:00 am— 4:00pm	Frederick County Summer Workshops	Details on pages 6 and 7. Registration required for each workshop. Limit of 20 youth.	Frederick County 4-H Camp and Activities Center
July 1	12:00 mid- night	DEADLINE: Animal Husbandry and Quality Assurance (AH&QA) online training program completed.	See page 3 for details	https://ahqa.umd.edu
July 19-23	TBD	Frederick County 4-H Virtual Camp	Details and registration coming soon via email and Facebook	online

"A LOT OF GROUPS GO OUT THERE AND TALK ABOUT IT—WE GO OUT THERE AND ACTUALLY DO IT."





To all of our Frederick County State and Cluster Contest Winners!

DAIRY SKILLATHON:

Junior: 1st—Preston Clark, 3rd—Aubree Shafer, 8th—Josie Martin

Intermediate: 2nd—Atley Shafer, 5th—Ryan Martin

Senior: 1st—Caroline Clark, 2nd—Jessica Martin, 3rd—Justin Dewees, 5th—Owen Cook

HORSE BOWL:

Junior: 3rd—Alanna Embrey

Team—4th

Intermediate: Team—7th

DAIRY BOWL:

Junior: 5th—Aubree Shafer, 8th—Josie Martin

Team—3rd

Intermediate: 2nd—Atley Shafer, 7th—Lane Riggleman, 8th—Eli Droneburg, 10th—Ryan Martin

Team—2nd

Senior: 5th—Katelyn Lager, 6th—Zachary Thompson, 7th—Justin DeWees

Team—2nd

PUBLIC SPEAKING:

Prepared:

• **Junior:** Champion—Gaige Axline

• **Intermediate:** Reserve Champion—Ryan Martin

• **Senior:** Champion—Brianna Bongard; Reserve Champion—Jessica Martin

Interpretation:

• Intermediate: Champion—Josie Ritchie

Extemporaneous:

• **Intermediate:** Reserve Champion—Josie Ritchie

Radio Spots:

• **Junior:** Champion—Josie Martin; Reserve Champion—Gaige Axline

• Intermediate: Champion—Ryan Martin

• Senior: Champion—Jessica Martin

Clovers: Rhett Axline, Adalyn Eaves











MARYLAND EXTENSION Equal Opportunity Programs

ENJOY A DAY LEARNING ABOUT 4-H SHOOTING SPORTS.

AGES 8 - 18 WILL LEARN
ABOUT MARKSMANSHIP,
THE SAFE AND
RESPONSIBLE USE OF
FIREARMS, WILDLIFE
CONSERVATION, THE
PRINCIPLES OF HUNTING
AND ARCHERY, SURVIVAL
SKILLS AND MUCH MORE
A PROJECT FOR HOME.

\$15 PER PERSON

JULY 15, 2021 9 - 4 PM FREDERICK 4H CAMP & ACTIVITIES CENTER

Register at https://go.umd.edu/sports by July 1st.



FREDERICK COUNTY 4-H LIVESTOCK GENETICS & REPRODUCTION WORKSHOP

MARYLAND EXTENSION

Equal Opportunity Programs

A DAY OF HANDS-ON ACTIVITIES LEARNING ABOUT LIVESTOCK REPRODUCTION AND GENETICS.

WE WILL LEARN HOW TO:
 READ PEDIGREES AND
IDENTIFY TRAITS DESIRED
FOR BREEDING PROGRAMS
LEARN ABOUT GENOTYPES
 AND PHENOTYPES
 DEVELOP KEEP / CULL

* PRACTICE ARTIFICIAL INSEMINATION TECHNIQUES, \$15 PER PERSON

JULY 20, 2021 9 - 4 PM FREDERICK 4H CAMP & ACTIVITIES CENTER

Register at https://go.umd.edu/genetic



FREDERICK COUNTY 4-H CANNING WORKSHOP

MARYLAND EXTENSION Equal Opportunity Programs

CANNING IT'S NOT JUST FOR YOUR GRANDMA!

PROGRAM ATTENDEES
BETWEEN THE AGES OF 8
AND 18. ENJOY A DAY
LEARNING ABOUT FOOD
PRESERVATION, FREEZING,
DRYING AND CANNING.
PARTICIPANTS WILL MAKE 3
CANNED FOOD PRODUCTS,
AND 1 DRIED FOOD PRODUCT
TO BRING HOME.

JULY 27, 2021 9 - 4 PM FREDERICK 4H CAMP & ACTIVITIES CENTER

Register at https://go.umd.edu/canning2

by July 12th



FREDERICK COUNTY 4-H WOODWORKING WORKSHOP

MARYLAND EXTENSION Equal Opportunity Programs

ENJOY A DAY LEARNING ABOUT WOODWORKING FOR BEGINNERS.

PROGRAM ATTENDEES
BETWEEN THE AGES OF 8
AND 18. THIS HANDS ON
WORKSHOP IS DESIGNED
FOR BEGINNERS INTERESTED
IN WOODWORKING BASICS.
PARTICIPANTS WILL LEARN
ABOUT DIFFERENT TOOLS,
TYPES OF WOODS TO SELECT
FOR DIFFERENT PROJECTS,
AND BUILD A PROJECT TO
BRING HOME.

AUGUST 3, 2021 9 - 4 PM FREDERICK 4H CAMP & ACTIVITIES CENTER

Register at https://go.umd.edu/woodwor king21 by July 20th





Robo Rangers

At our March meeting, Robo Rangers hosted special guest **Aaron Shepard**. Mr. Shepard is an In Space Assembly Robotics Intern at **NASA Langley**. He is pursuing a degree in engineering currently and has also started his own robotics company, **Cogito Brains**. **Aaron** gave a well organized and deeply informative presentation about his career in STEM but more specifically, the founding and basis for his robotics company. **Cogito Brains** is a company that specializes in interacting with and educating youth on the many important aspects of science. His company is based around the construction and development of telepathic robots. With the use of a brain wave measuring headset one can wirelessly and without a remote, control any bluetooth compatible robotics interface, all with the power of their mind. Through a partnership with **Mr. Shepard**, he will be sending us some of these headsets for our own use. Over the summer, we plan to work on interfacing them with our own robots, as he teaches us the specifics of their operation.





This year, our club's goals are to have speakers presenting at every club meeting. Traditionally, our club would have started in April, meeting weekly in teams of 4-7 to construct robots for the State Robotics Competition in

August. Due to COVID-19, we are implementing STEM related challenges, presentations and projects in order to continue growing the club's knowledge of robotics and engineering. We are working to better incorporate the club members and club officers in these activities, by having them give presentations and lead challenges. In addition to club member led projects and activities, we are inviting several guest speakers to present at our monthly virtual meetings. These guest speakers are either seasoned engineers or leaders and innovators in STEM fields and careers.

For the next few months, the club officers have taken the mantle on sourcing guest speakers and creating STEM challenges for the club. As in-person meetings are beginning to take place once more, we hope to organize outside business meetings for the club soon.

We meet the second Sunday of every month at 2pm, virtually on either Zoom or Google Meet. If you've ever been curious about our club, now's the perfect time to check us out, all from the comfort of your home. Visitors are always welcome. To visit us, email one or both of our club leaders at: mark.spurrier@maryland.gov or thomas@atelsek.com.

Written by Liam G. (President)

Boots 'N Buckles



Valley Urbanites

The Valley Urbanites have been meeting virtually. In February, club members made paper woven heart baskets for the ladies at Record Street Home and filled them with candy. The ladies were delighted to receive their special Valentines! **Kendall** gave a talk on Maintaining a Healthy Life Style for Swimming. At the March meeting **Rhiannon** gave an excellent presentation on her bunny. We all enjoyed seeing her bunny that lives in the basement of their house! We learned how she cares for her bunny. Her bunny enjoys fruit as a treat. Her sister, **Lillian**, did an awesome job on her photography presentation. She attended a photography class and learned a lot about tak-



ing pictures and about her camera. Her portfolio of photos is excellent! She has a good start for her photography entries at the fair! **Rhiannon** is doing a great job with coming up with different virtual games. Thanks to her our meetings are fun! We are seeking new members and if you are interested in joining, please email **Myrtle Sturtz** at mosturtz17@gmail.com



Calico Clovers

The Calico Clovers continue to meet monthly via Zoom. At our March meeting, we discussed some activities that will happen in April. The club is planning on collecting trash along Elmer Derr Road that is needed. We will load it up and then take it to the dumpster at D.W. Oggs. We had some very interesting demos at our February meeting. **Aeriana** told us the difference between a hen and a rooster, **Ben** let us know how you milk a cow, and **Dalen** showed us how to restore a tractor. As well, our March demo's included **Sam** telling us about what he has learned from the 2020 4-H STEM Challenge Mars Base Camp project, **Delaney** demonstrated how to get a steer ready for show, and **Jack** shared his Lego harvester set up. For community service in May, the club agreed to provide Mother's Day gift baskets for those neighbors, friends, or relatives that the club members know. We did this last year and we got very positive feedback!

We are hopeful that we can meet in person very soon!

Stay safe!

Sam, Calico Clovers Reporter



From the Frederick News Post Thursday, May 6, 2021

4-H Club members keep highway litter-free

Members of the Calico Clovers 4-H Club participated in picking up trash along the shoulder of Elmer Derr Road and U.S. 340 on April 24. This was the club's first inperson activity since the beginning of the COVID19 pandemic. Fourteen members and nine parents participated in the event. Pictured, from left to right, are Sally Arnold, Brooke Crown and Addyson Harrigan. For more information about joining 4-H in Frederick County, call 301-600-1589.

4-H Achievers

Throughout February and March the 4-H Achievers have continued to work on their photography project. The activity completed in February entailed enhancing one's photographic prowess through use of various reflection techniques. Water reflections, mirrors, glass, and other forms of reflection were all utilized to take photos that seem to distort reality when viewing them. During this exercise, it was accidentally discovered that the use of translucent and opaque materials can make for excellent photo opportunities. When using reflections to photograph a subject through an opaque material creates an ethereal effect.

In March, the 4-H Achievers focused on taking detailed photos using different forms of light and contrast. The use of both artificial and natural light was encouraged, and unique photo opportunities were observed when using the more unusual forms of light. Dawn and dusk always produce breathtaking photos, though those two times are not the only forms of light that produce beautiful images. Artificial lights, such as flashlights and neon lights, tend to produce photos with unusual focuses and contrast. This activity developed the club's ability to produce stunning photos using the different light sources at one's disposal.

Due to a concentrated focus on photography, the 4-H Achievers have changed their name to Shutter Speed 4-H Club.



This photo seems as if it distorts reality through use of reflection. Photo taken by **Cory M.**



The sunset over this bridge provides a unique form of light within this photo. Photo taken by **Ian E.**

Rabbit Raisers

Happy Spring Frederick County 4H Members from the Rabbit Raisers Club!

Member Ainsley H's bunny, Holly, is ready for Spring (Rabbit pictured right)

Our February meeting was held on Thursday, February 11th virtually. Co-Club Leader, Mrs. **Jeria Carothers** started the club meeting off by telling us about a 4-H tidbit and talked about all the different 4-H projects available to do other than rabbits! Mrs. Jeria also then talked to the group about owning a rabbit and how you purchase one. She went over what one should look for when buying a rabbit, the size, breed, use, learning the standards of perfection of that breed, how many rabbits you would like to have and how much you want to spend, finding a reputable breeder and finding one with a pedigree. Mrs. **Megan Cronkite** talked to the members about the 6 level Diamond Clover Program and encouraged members to look into and engage in this community service driven program. Each member was asked



to look into and engage in this community service driven program. Each member was asked to participate in a virtual barn tour of their rabbits or to present a breed ID at the conclusion of each meeting.

Our March meeting was held virtually on Thursday, March 11th. Our club is growing and we currently have 31 primary members and 16 secondary members. This is the largest enrollment so far! We welcomed 2 new families in our club since the last Newsletter: The **Spencer** Family and the **Patterson** Family! New 4-H Members for the 2021 year are: **Cordell B., Sawyer B., Temperance H., CJ J., Sydney K., Austin L., Jamison M., Julia M., Maya P. and Alexis W. Mrs. Jeria** talked to the members about breeding rabbits for the fair. Some items discussed were determining the breeding time frame, having a good plan, using a good buck and doe and also to make sure your are breeding with a purpose in mind. **Saige G.** did a "barn tour" for the members at this meeting. She talked about and showed everyone her Mini Rex Rabbit! Great job **Saige**!! We hope to provide more barn tours and breed ID talks at every meeting for our group of members. The Fair Board is hosting informational sessions in regards to showing livestock at the Fair this year. We hope to know more information about the 2021 Frederick Fair over the course of the next couple of months.

We are looking at meeting in person on Thursday, April 8th at 6:30 with the location being at the Frederick Fairgrounds. The meeting will also still be streamed for those not able to meet in person.

Club Member Highlights:

Siblings **Reese and Carter D.** will be showing and breeding Beveren Rabbits! We are excited for them and can't wait to see their progress at the Fair!

Nicholas C. will be doing a diary goat project this year! Good Luck Nicholas!!

One of **Kaylin D's** 4-H projects is self-directed (Cello)-picture right) She will be participating in the FCPS All County Orchestra for the second year in a row. She has also added French Lops to her rabbit project this year! What an Honor, **Kaylin!** Congratulations on a job well done and we are looking forward to seeing your French Lops at the Fair this year!

Enjoy the beautiful Spring weather and see you again in June! Respectfully Submitted by Club Reporter, **Emma G.**



Libertytown

In February our club held our first virtual meeting for the 2021 year. It was a great success. **Ella J.** shared information about livestock showing. We also did a community service art project by creating kindness cards that members could send to people in the community. Hopefully you took the challenge too.



In March we did our second virtual meeting and it was also a lot of fun. Members gathered ingredients and made two healthy snacks to eat and share. We made apple fries and oatmeal energy balls...yummy!

Members of our club are busy caring for new animals, preparing to welcome new animals, participating in state 4H virtual clubs, practicing photography and using their helping hands in the community.

In April and May, we are looking forward to another virtual meeting with a growing activity and hoping and planning for an in-person meeting in May.

Did you know?....in this region, we can start to plant summer flowers and plants out in the ground after Mother's Day.

So my 4-H Challenge for April and May is...I challenge all 4-H members to plant something for the garden inside in April, so you can plant it outside in May or surprise your mom for Mother's Day.

Submitted by Reporter, Cash R.





Middletown Valley Dairy

The Middletown Valley 4-H Dairy Club continues to find ways to stay active and work together even during these tough times of social distancing. We continue to meet virtually every month and stay connected. For a Christmas project the club collected items for residents of a local nursing home. Some items included snacks, crossword puzzles and other activities for them to do.

We also have learned how to sign our names and write pen pal letters to each other in the club. **Ms. Renai** Foltz and Ms. Jordan Derrow from the Middletown Valley Bank joined us virtually for one of our meetings and taught us basics of banking and how to write a check. This was a great life skill for us to learn and very grateful they took time out of their busy schedule to teach us about banking.

Another fun community service project for the club was collecting cat food for the **TIP ME** organization located in Frederick County. Our Club and club leader has made it very possible for us to stay connected and to make the best better in these trying times.

Respectfully submitted, Club Reporter Atley





Bug Patrol

4-H Bug Patrol Happenings by Michael L.

During the COVID-19 pandemic, The Bug Patrol has been staying safe by doing virtual meetings monthly. In each virtual meeting members of the club will do a short presentation and the club will talk about upcoming events and other activities. Next month (April), however, we will be meeting in person and will be doing our annual Stream and Lake Hike. We will be hiking on a trail around Greenbrier Lake attempting to catch aquatic insects. Catching a wide variety of aquatic insects shows us that the local environment at Greenbrier Lake is healthy as it supports various populations. During a prior meeting in 2021, Bug Patrol member, JRC, proposed that the club make Kindness Rocks, which are rocks that are painted and have kind words or sentences on them. Members would then leave the rocks outdoors in a community area for people to find and collect. Bug Patrol members made Kindness Rocks with marvelous paintings of butterflies, beetles and arthropods for the next meeting. They then left them outdoors in various places around their communities. Although you are not allowed to leave Kindness Rocks at States Parks and National Parks you can hide them in other outdoor spaces. To learn more about Kindness Rocks, here is a link to the official website, https://www.thekindnessrocksproject.com/. Perhaps this could be something your club could do too!









Some pictures of a few kindness rocks that 4-H Bug Patrol members made!

UNIVERSITY OF MARYLAND EXTENSION FREDERICK COUNTY OFFICE 330 MONTEVUE LANE FREDERICK, MARYLAND 21702



https://go.umd.edu/4HFrederick

Donielle Axline 4-H Educator 301-600-1590 dinskeep@umd.edu



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