



March 5, 2024

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If you need special accommodation for a 4-H program, event, or activity, please call 301-590-3210 or e-mail [jshriver@umd.edu](mailto:jshriver@umd.edu).



The next issue of The Montgomery County 4-H News & Notes will be published on the first week of April 2024. Please submit your articles to Anna Hamann, [ahamann@umd.edu](mailto:ahamann@umd.edu) by March 25, 2024.

### **Central Public Speaking Contest**

March 9, Bushy Park Elementary School, 14601 Carrs Mill Rd, Glenwood, MD 21738.

One of the most valuable skills youth learn during their time in 4-H is public speaking. Each year, 4-H'ers participate in a Public Speaking Contest where they are able to practice and improve their public speaking skills. This skill, along with many others, helps to build confidence and leadership. Public speaking fosters creativity, critical thinking skills, leadership abilities, poise, and professionalism, which are valuable for the job market and life.

The categories for the Public Speaking Contest are Extemporaneous, Interpretation, Prepared and Radio Spot, Visual Presentation and Demonstration.

This is an excellent opportunity, whether a 4-H'er carries a public speaking project or not, to receive valuable tips and learn tips to enhance public speaking abilities. Champions will have the opportunity to participate in the State 4-H Communications Contest.

Check out our Public Speaking: Making a Great Speech handbook for more information regarding the competition and worksheets to help plan your speech.  
<https://go.umd.edu/HowToMakeASpeech>

### **MoCo 4-H Award Ceremony**

March 23, 7:00 pm. Heritage Room, Gaithersburg Fairgrounds.

### **Maryland 4-H Dairy Skillathon**

March 23, Carroll County Extension Office. Registration will close at 11:59 pm on March 10, 2024.

The 4-H Dairy Skillathon offers age-appropriate quizzes and stations that are designed to test youth knowledge of the dairy industry. The stations include visual diagrams and questions to demonstrate dairy related knowledge.

Contact Chris Anderson at [canders2@umd.edu](mailto:canders2@umd.edu) if you have questions about this event. The 2024 Dairy Skillathon rules have been published on the Animal Sciences webpage of the Maryland 4-H website.

### **Maryland 4-Horse Communication Contest**

April 13, Maryland 4-H Center, College Park.

The Maryland 4-H Horse Communications Contest provides an opportunity for youth enrolled in 4-H to demonstrate their public speaking skills and knowledge of equine-related subject matter in a competitive setting where attitudes of friendliness and fairness prevail. For this contest, members will submit a recording of their speech or demonstration for judges to evaluate.

Three categories are offered for this contest: 1. Individual Presentation, 2. Team Presentation, and 3. Individual Public Speech. Awards are offered in three age divisions: 1. Junior (ages 8-10), 2. Intermediate (ages 11-13), and 3. Senior (ages 14-18).

### **Dairy Bowl Contest**

April 20, Carroll County Extension Office.

The 4-H Dairy Bowl Contest offers age-appropriate quizzes and match questions that are designed to test youth knowledge of the dairy industry. The practical application of the contestants' knowledge and skills is emphasized.

## **Maryland 4-H Public Speaking Contest**

April 27, UMD, College Park.

Champions or Reserve Champions from the Central Public Speaking Contest are eligible and encouraged to participate in the State 4-H Communications Contest during Maryland Day.

## **One Health Careers Summit**

TBD April or May

"It has become increasingly clear over the past three decades that the majority of novel, emergent zoonotic infectious diseases originate in animals, especially wildlife, and that the principal drivers of their emergence are associated with human activities, including changes in ecosystems and land use, intensification of agriculture, urbanisation, and international travel and trade." National Library of Medicine. [Trop Med Infect Dis.](#) 2019 Jun; 4(2): 88. Published online 2019 May31. doi: [10.3390/tropicalmed4020088](#)

At the One Health Careers Summit, youth will have the opportunity to meet professionals and learn about the spectrum of careers involved with One Health, as an intersection of animal sciences, environmental sciences, and healthy living. The event will also advise youth interested in One Health careers on professional development and academic courses to prepare for their future.

## **2024 UMD Summer Camps**

### **Learn to Code, Find Some Bugs, Sculpt a Masterpiece—and More**

By [Karen Shih '09](#). Feb 15, 2024

The summer camp scramble is on: You're making spreadsheets and color-coding options, setting early alarms for registration and deciding just how much screen time you're OK with if all your best-laid plans fall through.

Luckily, the University of Maryland offers programs for kids of all ages, whether you have a budding young painter or a teen ready to tackle the challenges of AI. Dozens of camps offer opportunities for experience in science labs, to learn teamwork and drills from some of UMD's most decorated coaches, or to scale new heights at RecWell's climbing wall.

Many camps are offered annually, so even if your favorite option is full; refer to the list that appears on our website for next year. (Some popular ones, like Terp Quest and Gymkhana, open registration early.) All camps are in person unless otherwise noted; some are still finalizing schedules and pricing, so check back for updates at

<https://today.umd.edu/2024-umd-summer-camps>



## **Camp Tawasentha**

SAVE THE DATES!!!! Mark your calendars for July 7-12, 2024. Our camp is ACA certified, and all adult volunteers are certified thru the University of Maryland's Extension program.

Camp is open to all children ages 8-18 as of January 1, 2024. Those that are aged 14-18 as of January 1 must hold a teen leadership position.

Registration link to will be available 1st week of March.

If you have any questions, please contact Anne Clagett, [clagettmom@gmail.com](mailto:clagettmom@gmail.com)

## **College Credits for High School Students**

Terp Young Scholars invites high school students (rising grade 10 to graduating grade 12) to a pre-college experience at the University of Maryland. From July 8-26, 2024, highly qualified students pursue academic interests, earn three university credits, and learn about the University of Maryland.

The program offers two learning options: in person or online. Students can commute from home or participate virtually. Both options deliver an academic experience that is at the forefront of theory, thought, and technology, with challenging courses and dynamic activities that provide a glimpse of UMD's rich campus life.

2024 Program Package Fees:

- Commuter: \$2,500
- Online: \$1,500

For more information, contact:  
Howard Ly, Program Coordinator  
University of Maryland  
Extended Studies  
Email: [tys@umd.edu](mailto:tys@umd.edu)

## 4-H Learn 2 Earn: Small Engines Workshop



Join our fun hands-on Small Engine workshop! Youth will learn parts, safety, and operation in preparation for the Small Engine Contest at the 75th Montgomery County Agriculture Fair.

In this Workshop Series Youth Will:

- Complete an educational session that will get them a Learn to Earn completion certificate.
- A special incentive at each session to help participants build their small engine toolbox (examples: spark plug gap tester, tire gauge, safety goggles, ear plugs, gloves, etc.)
- Gain the skills and knowledge to participate in the county contest, participants must pass the safety test 100%. The test can be retaken if not reach 100% on the first try.

### **Session Topics:**

**March 19:** Introduction

**April 16:** Parts and How They Function

**May 7:** Two Strokes- Four stroke-Diesel (Internal Combustion Engine & Diesel)

**May 21:** Operational Safety & Contest

**June TBD**

**July 27** Contest Run-Through (actually do the contest)

Space is limited to 15 4-H'ers. Registration closes on **March 13, 2024**. Low enrollment will result in workshop cancellation; an email will go out to those who registered.

Youth participating in the workshop are encouraged to participate in the Montgomery County Agricultural Fair Small Engines Contest and the Maryland State Fair.

Questions? Contact Chuck Schuster at [cfs@umd.edu](mailto:cfs@umd.edu) or JoAnne Leatherman at [joanneleatherman@hotmail.com](mailto:joanneleatherman@hotmail.com)

Follow the link to register or scan the QR code above <https://2024MoCoL2ESmallEngine.4honline.com>



## 4-H & KID Museum Maker Girl



**What will you make to improve life on this planet?**

Think of a problem, big or small, that needs to be addressed.

Now, think of a solution to that problem; an invention that would address that problem. Use your imagination to push beyond today's limits to invent the future.

If you accept this challenge, your team must not only dream up an invention, but also design and prototype that invention. Use engineering, coding, and design techniques to turn your ideas into something tangible. High-tech or low-tech, mechanical or digital...What will you make to improve life on this planet?

The future is up to you. **Scan to Register**



**The program**

- Work with other 6-8th grade girls on a team invention (10-15 girls)
- 3 Day all day workshop
- **March 25th & 26th** Plan & Build Work Day
- **March 27th** Day long Field trips to KID Museum
- A showcase event to meet other groups participating in the program and showcase your work

**Questions?! Contact**

Arnelle Quashie  
aquashi1@umd.edu  
(301) 590-2804

Contact by March 18th

This institution is an equal opportunity provider. If you need a reasonable accommodation to participate in any event or activity, please contact your local University of Maryland Extension Office.

Space is limited to 15 4-H'ers. Registration closes on **March 18, 2024**.

Low enrollment will result in workshop cancelation; an email will go out to those who registered.

Questions? Contact Arnelle Quashie at [aquashi1@umd.edu](mailto:aquashi1@umd.edu)

Follow the link to register or scan the QR code above <https://2024MoCo4HMakerGirl.4honline.com>

## Dish Garden Workshop

The Neighborhood Garden Club of Gaithersburg/Washington Grove is sponsoring a hands-on Dish Garden Workshop on April 6. Participants will learn about selecting the correct soil and plants for their dish garden. In addition, participants will learn to how to care for their plants. Elements of design such as focal point and balance/scale will be discussed. This will be a wonderful item to enter in the 2024 Montgomery County Agricultural Fair, give as a gift to friends or family members, donate to a retirement home, or keep for yourself. Limited to the first 25 youth that register.

Low enrollment will result in workshop cancelation; an email will go out to those who registered.

For more information and how to enroll, please contact Jeannine Shriver, 301 590 3210 or send her an e-mail to [jshriver@umd.edu](mailto:jshriver@umd.edu).

There will be a non-refundable fee of \$5.00 to defray the cost of materials.

Copyright Montgomery County Agricultural Center



## Reminder 160 Days to the 75th Montgomery County Fair

We encourage all our 4-H members to participate and enter many exhibits at the 75th Montgomery County Agricultural Fair, August 9–17, 2024. In addition to the Exhibitor classes you are familiar with, we are introducing new Exhibitor classes. **Please review the updated and new classes to the 2024 MoCo Fair Catalog.**

### DIVISION 4 DESIGNER CRAFTS

Bleach Art

Other, not listed in any other classes

### DIVISION 5 CREATIVE CRAFTS

Duct Tape, any

Ceramics: glazed—Ready-To-Paint

Ceramics: painted—Ready-to-Paint

Ceramics:—original—pinch pot, coiled, or slab fire glazed or painted

Friendship bracelets

Soap carving

Other, not listed in any other classes

### DIVISION 7 EDUCATIONAL EXHIBITS AND COLLECTIONS - New instructions

Classes 9-14: Collection entries. See rules in the catalog.

### SPECIAL NOTE REGARDING COLLECTIONS

Basic collections, which have been exhibited before and have been altered by the addition of new material and mountings or display cases can be exhibited again, as such collections are not considered the same entry exhibited previously. Due to limited exhibit space, one display case per entry.

Classes 25-26: Model entries not to exceed 14"W x 24"D x 36"H. Exhibit entries will need to be moved in the building for display without falling apart.

25. Model, working or scale: scenic, historical, novelty, etc. (assembled as one item, made from kit)

26. Model, working or scale: scenic, historical, novelty, etc. (assembled as one item, original design, not a kit)

Classes 27-30: Lego entries not to exceed 36"W x 24"D x 24"H. No motorized exhibits will be accepted.

Exhibit entries will need to be moved in the building for display without falling apart.

27. Lego®/K'Nex®, original design: single item.

28. Lego®/K'Nex®, kit: single item. Bionicles accepted in this class only.

29. Lego®/K'Nex®, original design: scenic item.

30. Lego®/K'Nex®, kit: scenic item.

### DIVISION 8: AEROSPACE AND ROBOTICS

Robot of original design by individual. May include toy construction kits such as Lego® or Erector sets, etc.

### DIVISION 10: WOODWORKING

Article made by group with photos to show what each member contributed

Refurnished article

Repurposed wood item

### DIVISION 11: COMPUTER TECHNOLOGY - New Instructions

There is no internet connection in the 4-H Building. If you are entering any internet or mobile applications, you must bring a laptop, the device, or detailed screen shots.

1. Original software written in a programming language (e.g. Python, Scratch, Blockly)

2. Hardware, Robotics, and Automation (e.g. Raspberry Pi controlling lights, robotics, etc. LEGO's MINDSTORMS®)

3. Professional Development using Office Software (e.g. Using Word, Excel, PowerPoint, to write a resume, analyze data, or make a presentation)
4. Digital Art & Animation Software (e.g. Using software like GIMP, Procreate, Adobe Creative Suite)
5. Blog/Website Design & Development (e.g. Designing/writing a blog in WordPress, or developing a website from scratch)
6. Digital Music Creation Software (e.g. Composing music digitally using software tools like GarageBand or FL Studio, and using MIDI controllers or electronic instruments)
7. 3D Printing and Design (e.g. Designing 3D models using software tools like TinkerCAD or Fusion360)
8. Game Development (e.g. Developing simple games using platforms like Scratch, GameSalad, or Unity)
9. Custom Computer Building (e.g. Assembling a computer, understanding hardware such as CPU, GPU, RAM)
10. Internet of Things (IoT) (e.g. Programming IoT devices for home automation or environmental monitoring)
11. Augmented/Virtual Reality (e.g. Creating interactive AR/VR experiences using tools like CoSpaces Edu or Unity)

#### DIVISION 13: VEGETABLES AND FRUITS

Please note: As growing conditions affect when vegetables and fruits are at their prime, online pre-registration should include all vegetables and fruits you anticipate being ready by Fair entry day.

Berries (one pint)

Watermelons (one), any weight

Cantaloupes (one)

Stone fruit (five)

#### DIVISION 14: FLOWER SPECIMENS

Daisy (Shasta, Gerbera, Gaillardia, etc.)

#### DIVISION 16: CAKES

Devil's Food or Chocolate, iced (layered)

#### DIVISION 16A: DECORATED DELIGHTS

Decorated graham cracker house

Social Media themed cake

#### FOOD PRESERVATION

Jellies, jams, and marmalades should have 1/8"–1/4" of headspace.

Jar lids must be rust-free.

#### DIVISION 27: CLOTHING

Pajama pants

Repurposed item

#### DIVISION 32: ROOM ACCESSORIES

Home Accessories (hot pads, appliances covers, doorstop, lunch bags, book covers, table runners, etc.)

Machine sewn blanket

#### DIVISION 33: BLACK & WHITE PHOTOGRAPHY

Selfies

Digital altered image—8"x10"

Picture with filters

#### DIVISION 34: COLOR PHOTOGRAPHY

Selfies

Digital altered image—8"x10"

Picture with filters

#### DIVISION 36: CITIZENSHIP and PROMOTION

Hand-made toy, doll, stuffed animal

Christmas ornaments (6)



## **Famous 4-H'ers**

Jacqueline Kennedy had a calf as a 4-H project while growing up.

Pat Nixon had a 4-H pig project... she won a red ribbon.

Faith Hill reportedly first sang in public at a 4-H mother-daughter luncheon when she was 7.

Former Vice President Al Gore showed Angus beef cattle in Tennessee.

David Letterman hosted a children's television show, "Clover Power," that featured 4-H members.

Morgan Freeman, American actor, Filmmaker, and narrator known for his distinctive, deep voice, Mississippi 4-H.

Lazarus Lynch, Chef, Author, New York 4-H.

Former President Jimmy Carter, Georgia 4-H.

Julia Roberts, Actress, Executive Producer, Philanthropist, Georgia 4-H.

Avery Williamson, Pittsburgh Steelers linebacker, Tennessee 4-H.

Aubrey Plaza, Producer, Actor, Delaware 4-H.

Reba McEntire, Singer, Actor, Author, Entrepreneur, Philanthropist, Oklahoma 4-H.

Carla Hall, Chef and Co-host of ABC's The Chew, Tennessee 4-H

Dolly Parton, Country Singer, Songwriter, Actor, Tennessee 4-H.

Kent Bazemore, NBA player, Atlanta Hawks, North Carolina 4-H.

Eric Stonestreet, Actor, Kansas 4-H.

Peggy Whitson, NASA Astronaut, Iowa 4-H. First female commander of the International Space Station and the only woman to serve as ISS Commander twice. First woman to command a private space mission, Ax-2.

Nancy Grace, TV & radio host, Legal commentator, Author, Georgia 4-H.

Avery Williamson, NFL player, NY Jets, Tennessee 4-H.

Lazarus Lynch, Actor, Host of Food Network's "Comfort Nation," New York 4-H.

Trisha Yearwood, Country singer, Author, Georgia 4-H.

Anne Burrell, Chef, TV personality, New York 4-H.

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# CLUB CORNER

## Potomac Community 4-H Club

By Zach H.

The Potomac Community 4-H Club hosted tables at the Lunar New Year celebration events at the Chinese school of CBCM (Chinese Bible Church of MD) and SEEDS (Special Education Equal Development Society) in February 2024. The tables showcased members' cybersecurity research projects and provided festival and STEM outreach activities. Club members assisted visitors in cutting out paper decorations, e.g., the Chinese character “春” (spring), and creating lit-up greeting cards with basic circuits made with LED lights and coin batteries. The club hosted over one hundred guests at these events and had lots of fun.

Club President Eliana W. with MCPS Board of Education member, Club Co-founder, and 4-H Volunteer Julie Yang in front of Eliana's poster “LED Colors and Optical Infiltration of Air-Gapped Computers.”



## Potomac Community 4-H Club

By Sophie S.

On December 31, 2023, the Potomac Community 4-H club celebrated the end of 2023 and welcomed 2024 by hosting a Holiday Programming Party in the community, which included a Minecraft programming workshop and other STEM and festival activities. It was an evening of learning, creativity, and fun!

The workshop, was attended by about twenty middle and high schoolers, and was followed by making paper circuits, BristleBots, pizza, and bubble tea. Paper circuit kits combine technology and art, allowing participants to create simple electronic circuits using conductive tape. This hands-on activity not only introduces the young to the basics of circuitry but sparks their creativity as they design and illuminate their paper circuits.

BristleBot kits with toothbrush heads and small motors introduce the principles of engineering



and robotics and encourage problem-solving. Watching these tiny bots move around brings joy and excitement to all involved, making it a perfect addition to the holiday celebration.

Participants also enjoyed the hands-on experience of crafting their pizzas, choosing their toppings, and savoring the delicious results. Bubble tea making offered delightful flavors and textures, adding an interesting twist to the festivities.

## The Damascus Community 4-H Club

By: Katie & Allie K.

The Damascus Community 4-H Club met on February 1, 2024. The Club heard a presentation about preparing for the fair. They learned that they can earn premiums for exhibiting their projects and can find cool ideas from seeing other people's projects too. The club voted on the budget for the 2024 year, and finished the evening with a game called "Twin Match."



The game is played by placing a sticky note with a word on a person's back. That person had to go around and ask other club members for clues to find their match. Examples included peanut butter and jelly and pen and paper.

Photo: Chace B.

# Calendar

## MARCH

- 2 Maryland 4-H State Livestock Skillathon. ANSC Bldg., UMD, College Park. Snow date March 3
- 9 Maryland 4-H Horse Bowl Contest, the Plant Science Building. College Park, MD.
- 9 Central Cluster Public speaking contest. Montgomery County 4-H Building, Derwood, MD
- 19 4-H Learn 2 Earn: Small Engines Workshop
- 23 Maryland 4-H State Dairy Skillathon. Carrol County Extension Office. Tentative
- 23 Montgomery County 4-H Award Ceremony. 7:00 pm. Heritage Room, Gaithersburg Fairgrounds
- 25 Maker Girl Workshop (Day 1)
- 26 Maker Girl Workshop (Day 2)
- 27 Maker Girl Workshop: KID Museum Field Trip (Day 3)

## APRIL

- 6 Dish Garden Workshop
- 13 State Horse Communication Contest in-person. Maryland 4-H Center in College Park, MD
- 16 4-H Learn 2 Earn: Small Engines Workshop
- 20 Maryland 4-H Dairy Bowl Contest. Carroll County Extension Office. Tentative. UMD, College Park, MD

27 State Public Speaking Competition. UMD, College Park, MD  
TBD April or May One Health Career Summit

## MAY

- 4-5 Maryland Sheep & Wool Festival, Howard County Fairgrounds
- 5 Goat, Sheep & Wool Skillathon, Howard County Fairgrounds
- 7 4-H Learn 2 Earn: Small Engines Workshop
- 6 Horse Bowl Buzz-Off, MD 4-H Center, 9:30 am
- 11 Eastern Shore 4-H Spring Show, Queen Anne's County 4-H Park
- 11 Western Maryland District Show, Garrett County Fairgrounds
- 21 4-H Learn 2 Earn: Small Engines Workshop

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