This year 4-H Camp will take place from July 12 - 17. 4-H Camp is for any youth (not just 4-H'ers) who will be 8 – 13 on January 1, 2015. We offer swimming, fishing, and canoeing on 24 acre Cunningham Lake, and campers sleep in rustic cabins throughout the grounds. We have several nature trails and a nature education center. Campers can enjoy educational hikes led by a trained naturalist. Those who want a challenge can experience our outdoor confidence course, led by professionals trained to help campers safely test their physical ability and gain team building skills. We also have a rifle and archery range with certified instructors. We offer crafts classes, leatherworking, multiple group activities, and we provide our culinary-inclined campers a chance to learn outdoor cooking skills.

**Register by June 1:** To reserve your spot, send a registration form and your camp fee (you may pay a deposit or the full amount) to the 4-H Office. You must also send in several other forms, including a health form that requires you to have had a physical exam by your doctor within the past year—your doctor must fill out a portion of this form, so make sure you see your doctor before the forms are due on June 1.

**Find the forms here:** https://extension.umd.edu/montgomery-county/4-h-youth/4-h-camp-tawaswentha.

**Spring Leader Meeting**

The Spring Leader Meeting will be on May 14, 2015 at the Montgomery County 4-H Office and will start at 6:30 PM. A light dinner will be served. We will update the 4-H Program, discuss Fair activities, and network with each other.

If you plan to attend, please contact Mike Laudwein, mlaudwei@umd.edu, 301 590 2824. Leader meetings are important for the development of the 4-H Program and the sharing of new ideas. If the club leader can’t attend, we strongly suggest that a co-leader or project leader attend this important meeting.

**ADVENTURE IN SCIENCE**

Adventure in Science (AIS) is a hands-on science education program for children ages 8-15 running on Saturday mornings from late October to March. The goal of AIS is to present science as an exciting activity and a way of thinking about the world, rather than as a collection of facts. The topics presented reflect the interests of the children and of the volunteers, rather than any prescribed curriculum. Registration opens at noon on Monday, May 11—make sure to register at that time because the spots fill up
very fast. More information and instructions on registering can be found here: http://www.adventureinscience.org. If you have questions, please contact Ms. Alga Piechocinski, algapie@umd.edu, 301 590 2804.

LONGABERGER BASKET BINGO

May 2, 5:30 pm, Damascus American Legion (10201 Lewis Dr, Damascus, MD 20872)

Come to the Montgomery County 4-H Basket Bingo to support our Interstate Exchange Program! There will be 20 games, 4 special games, 3 raffles, and door prizes. The doors open at 5:30 and the games begin at 7:00. All the baskets are brand new and filled.

Admission is $20 in advance and $22 at the door—make sure you have a seat! For tickets or information, call or email Robin Lechlider at 240 793 1777, rlechlider@aol.com.

STATE HORSE JAMBOREE

Fri, June 26 – Sun, June 28 - Claggett Center in Frederick County (just south of the City of Frederick near Sugarloaf Mt)

All 4-H horse project members and horse lovers (ages 8-18 as of January 1, 2015) are invited to participate in this year’s 2015 State 4-H Horse Jamboree. There will be a horsemanship contest, crafts, recreation, horse presentations, a horse art contest, workshops, music, and swimming. This overnight program is designed to give youth opportunities to demonstrate their existing horse knowledge as well as to learn new ideas and skills while having fun. Participants will be sleeping in dorms. There is a pool and water games are planned so bring a towel and a swim suit. The State Horse Communications contest will take place at Jamboree on Saturday, though you don’t have to attend Jamboree to compete—you can just come for the contest.

Each 4-H’er is responsible for ensuring that they have a chaperone. We need one chaperone per ten youth. Any chaperone beyond the needed amount will have to pay the registration fee, so payment is determined on a first come, first served basis. Anyone needing to pay will be invoiced once we receive their application.

Please register by June 1. You can attend all three days for $100 or just one day for $50. To download the registration form and see more information on chaperones, the schedule, what to bring, and the communication and art contests, visit https://extension.umd.edu/montgomery-county/4-h-youth/state-horse-jamboree-2015. Mail registration forms to: MD 4-H Horse Jamboree, 18410 Muncaster Rd, Derwood, MD 20855. If you have any questions, please contact Mike Laudwein (mlaudwei@umd.edu, 301 590 2824).

FASHION REVUE

The Fashion Revue for the Central Cluster (Montgomery, Howard, and Frederic Counties) gives 4-H’ers a chance to demonstrate their fashion sense and their sewing and modeling skills and talents.

To participate in the Fashion Revue, you must first attend the judging on June 3.
The show will be held on Saturday, June 6, 2015 at Bushy Park Elementary School. All participants in the show should be dressed and ready for Line-Up at 5:30 p.m. The show will begin at 6:00 p.m. The theme for this year’s show is “Timeless Fashions.” Judging will be held in Howard County on Wednesday, June 3, 2015 at the Glenwood Community Center. Judging will began at 3 pm and run through the evening. The judging assignments will be mailed to participants.

Any 4-H’er carrying the Clothing or Fashion Revue projects may participate in the Fashion Revue Show. New this year to the rules will be that Junior’s will have the opportunity to enter the Ready-To-Wear category for the show.

There are several other opportunities for 4-H’ers carrying Food and Nutrition and Public Speaking to help out with the show. There are sub-committees, such as Food, Narrations, and Decorations. If you are interested in participating on one of the committees please contact Chris Rein at (410) 313-1915 or email crein@umd.edu.

To register, visit https://extension.umd.edu/montgomery-county/fashion-revue to download the rules and regulations and the entry form. Please read them carefully and remember they must be completed with a narration and swatch of fabric. These entries are due to the UME Howard County Office by Friday, May 8th. NO LATE ENTRIES WILL BE ACCEPTED.

Howard County UME Office
3300 North Ridge Road, Suite 240
Ellicott City, MD 21043
Fashion Revue Registration

Fashion Revue Program Cover Contest: create a cover design for the program—remember that the theme for this year is "Timeless Fashions." The design can be in color or black and white and should be completed on a half sheet of 8 1/2 " by 11" white paper (final dimensions will be 5 1/2 " by 8 1/2"). Designs are due to the UME Howard County 4-H Office no later than Friday, May 15.

MODELING & ACCESSORIES WORKSHOP

May 30th from 10 a.m. – Noon at the Howard County Fairgrounds.

All Fashion Revue participants—this is a great opportunity to work on your modeling skills before the Fashion Revue. We will also have some tips on accessories and make-up. Be sure to bring your shoes and any accessories you plan to use at the show.

We ask that all narrators for the show plan to attend this workshop as well for practice reading all the scripts for the show.


SUMMER SCIENCE DAYS

The Central Maryland 4-H Cluster (Montgomery, Frederick, and Howard Counties) will be holding three days of science fun and education at the Howard County Fairgrounds. This program is open to all youth, not just 4-H’ers, who are 10 - 13 as of January 1, 2015. Participants will experience:

- July 20 - Junk drawer robotics day
- July 21 - Ag Science day and field trip
- July 22 - Healthy living food science day
Register no later than July 1—go here (https://extension.umd.edu/montgomery-county/summer-science-days-0), or call 301 590 2824. There is a $50 cost to participate, and you must also send a consent form and a health form (found at the link above) to the Montgomery County 4-H Office (18410 Muncaster Rd, Derwood, MD 20855). We only have room for 30 people, so sign up today!

If you have any questions, please contact Mike Laudwein (mlaudwei@umd.edu, 301 590 2824).

**ANIMAL REGISTRATION FORMS & ID CARDS**

If you are carrying a project for any of the animals listed below, you need to complete the correct form and return it to the County 4-H Office no later than the date listed. If you don’t, you won’t be allowed to show that animal at fair.

- **Livestock Registration**
  - Market hogs, market lambs, market goats – June 1, 2015
  - Commercial beef heifers, commercial breeding sheep, commercial meat goats – July 1, 2015
- **Horse and Dog ID Cards** – June 1, 2015
- **Poultry, Cavy, and Rabbit Registration** – June 1, 2015

Find these forms on the Montgomery County 4-H Animal Science page: https://extension.umd.edu/montgomery-county/animal-science-info-forms.

**ANIMAL LEASES**

If you are leasing an animal, please complete the correct lease form, as well as the Statement of Understanding and Release form, and return them to the County 4-H Office no later than June 1, 2015. If we don’t receive them, you cannot show at the fair.

Find these forms on the Montgomery County 4-H Animal Science page: https://extension.umd.edu/montgomery-county/animal-science-info-forms.

**DAIRY VERIFICATION CARD**

The 4-H Dairy Program Verification Card must be completed by all members of the Holstein and Jersey clubs and anyone who wants to participate in the Dairy Department at the Montgomery County Agricultural Fair. The Verification Card requires that 4-H’ers attend at least 50 percent of club meetings at least two 4-H events or activities during the previous year. The card includes a list of approved activities—any activity listed in News & Notes also counts. Please complete it and have your club leader sign it, then send it to the county 4-H office by August 1, 2015.

Find this form on the Montgomery County 4-H Animal Science page: https://extension.umd.edu/montgomery-county/animal-science-info-forms.

**ANIMAL HUSBANDRY AND QUALITY ASSURANCE PROGRAM**

If you are enrolled in alpacas, beef, dairy, goats, horse and pony, poultry, sheep, swine and rabbits AND you are adding a new project this year or are moving up an age level (junior to intermediate or intermediate to senior), you are required to complete the online Maryland 4-H Animal Husbandry & Quality Assurance (AHQA) Program by **July 31** to be eligible to exhibit your project animals in Maryland County 4-H and State 4-H Shows. Previously, everyone enrolled in these projects had to take the training every year.
Instructions and a link to the training can be found on the Montgomery County 4-H Animal Science page: https://extension.umd.edu/montgomery-county/animal-science-info-forms.

**MARKET HOG, SHEEP, & GOAT WEIGH-IN**

If you carry market hogs, market sheep, or market goats as a project, you need to attend the Montgomery County Weigh-In on **June 6 at 8:00 am** at the Montgomery County Fairgrounds. Here they will be officially weighed and tagged. If your animals aren’t weighed, you can’t show them at fair.

**SuGo ROBOTICS WORKSHOP**

**MANIACALLY BRINGING ROBOTICS TO YOUTH**

The Mindstorm Maniacs Robotics Club, headquarters of FTC Team #8521, the 4-H Hard-Hitting Hardware Hooligans, is presenting a SuGo robotics workshop on Saturday, May 9th. It will be at the Montgomery County 4-H Office in the multipurpose room from 3:00PM to 6:00PM.

SuGo is the combination of Sumo Wrestling and LEGO robotics. Kids in teams of two or three build a LEGO robot, and then these teams’ robots compete against each other. While participating in this fun activity, kids learn about basic mechanical engineering, how robots use sensors to interact with the world, and teamwork.

No programming will be needed to run the robot; just great ideas to build it!

If you are interested, please go to: www.4hmindstormmaniacs.com/sugo-workshops OR →

**DATE:** SATURDAY, MAY 9, 2015  
**AGES:** 10 TO 17 YEARS OLD  
**COST:** $30.00  
**LOCATION:** 18410 Muncaster Rd. Derwood, MD 20855

<table>
<thead>
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<tr>
<td>3:00 - Check in</td>
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<td>3:15 to 4:15 – Build the Robot</td>
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<td>4:15 to 4:30 – Snack Time</td>
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<td>4:30 to 5:00 – Finish Building Robots</td>
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<td>5:00 to 5:45 – Tournament (parents may come and cheer the teams on!)</td>
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<td>5:45 to 6:00 – Clean Up</td>
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**Who Are We?**

The Mindstorm Maniacs club coaches competition teams. The 4-H Hard-Hitting Hardware Hooligans is a rookie FIRST Tech Challenge (FTC) team. We have used a 3D printer, milling machine, lathe, and other tools to make our robot come to life. We advanced all the way to the East Super Regional Championship, competing against some of the best teams from Virginia to Maine. To learn more about us, check out our website! www.4hmindstormmaniacs.com/ftc

**JOIN THE LIVESTOCK JUDGING TEAM**

Interested in learning about livestock? Even if you don’t have animals this is the perfect opportunity. If you are interested in learning what the judges are looking for at the fair, learning how to describe animals and how to pick out the best ones that will win, judging is for you. You don’t have to have any of these animals to be involved, just a desire to learn. We focus on sheep, swine, beef and meat goats. Judging will teach you valuable public speaking skills. We are beginning this year with several office practices and then we will head out to local farms to judge live animals. The first practice is May 6th at 7pm in the multipurpose room of the extension office. If you are planning on coming or are interested in learning more about livestock judging please contact David Gordon at dgordon3@umd.edu or 301-590-2813.
We are looking for new youth to participate in our Dairy Judging Team. Beginner training starts as soon as possible. Practices with the entire group will begin in early to mid-May and will last through the summer. For those that make the county team. New people interested in taking part should contact John Doody at jrdoody@hotmail.com as soon as possible.

**WILL’S FAIR**

The 2015 Will’s Fair, one of four regional spring livestock shows for Maryland 4-H and FFA members, is scheduled for Saturday, May 16, 2015 at the Howard County Fairgrounds. Entries are to be mailed to the 4-H Department, Carroll County – UME, 700 Agriculture Center, Westminster, MD 21157. Entries need to be received on or before April 24, 2015.

The rules and entry forms can be found here: https://extension.umd.edu/howard-county/4-h-youth-development/will's-fair.

**SOIL CONSERVATION COLORING & POSTER CONTESTS**

The Maryland Association of Soil Conservation Districts annually sponsors a coloring contest and a poster contest that are open to ALL students in Montgomery County, not just 4-H'ers. The entry deadline is June 5, and Karen Walker at the Montgomery Soil Conservation District, (301) 590-2855, is the contact person for all questions.

The coloring contest is for youth in kindergarten through 5th grade and the poster contest is for youth in kindergarten through 12th grade. Coloring contestants can go on to compete at the state level, and poster contestants can go on to compete at the state and national level.

- For the coloring contest only wax crayons are to be used and the entries are to be done by the participating child only. Judging will be based on neatness, attention to detail, and how well directions were followed. State winners in each class will receive $25.

- The theme for the poster contest is Local Heroes—Your Hardworking Pollinators" (with or without the hyphen). At the national level, first-place winners in each category will receive $100, and second-place winners will receive $75.

To register, visit https://extension.umd.edu/montgomery-county/soil-conservation-coloring-poster-contests. The contest deadline is June 5. Entries may be brought in person or mailed in a flat envelope to the Montgomery County Office, located at the Agricultural History Farm Park:

Montgomery County Soil Conservation Office
Attn: Karen Walker
18410 Muncaster Rd
Derwood, MD 20855

**NOCC 5K WALK TO BREAK THE SILENCE ON OVARIAN CANCER**

Since it was such a success last year, the National Ovarian Cancer Coalition will be fundraising for the second annual Break the Silence Walk in Frederick, MD. The walk will take place on June 20, 2015 in Baker Park in Frederick. The Kids N' Dogs Club will be taking place in the walk to support one of our parents who is an ovarian cancer survivor. To support
or join our team, The Silver Linings, please visit [http://nocc.kintera.org/frederickmd/thesilverlinings](http://nocc.kintera.org/frederickmd/thesilverlinings) or call 301-742-4252 (Debra Sapcariu).

### 4-H SUPPORTS OUR VETERANS THROUGH HONOR FLIGHTS

Honor Flight is a program that gives the 4-H community the opportunity to participate in a life changing volunteer experience.

**What we need from your club**

For each date we need a minimum of 7 volunteers - *there is no maximum!* The more volunteers, the better. We want as many volunteers as possible to be able to experience this. There is no age requirement. The veterans would love to meet any age!

We ask that any child younger than 10 have a designated adult guardian, and any youth from the age of 10-13 have a designated "buddy" to accompany them the whole day. Younger children can bring flags to wave when the veterans arrive if desired.

**4-H Service Dates for 2015**

First Saturday of each month except July and August, choose a date and let me know the date and the number of volunteers expected.

- May 2\(^{nd}\)
- June 6\(^{th}\)
- September 5\(^{th}\)
- October 3\(^{rd}\)

**What the volunteers do the date that you choose**

We recommend reading up and memorizing facts about the WWII memorial to share with the veterans. Most start times are around 9:00 am. You can take the metro (preferred, because street parking is limited and timed). When the buses arrive and leave, the volunteers help with getting the wheelchairs out and setting them up and then putting them back in. You may pick a veteran, introduce yourself and ask if they would like for you to escort them around. SMILE A LOT and give hugs. Form a receiving line before the entrance of the memorial and wave flags, cheer, give hugs and welcome them to their memorial. THANK THEM FOR THEIR SERVICE TO OUR COUNTRY. Have fun!

**Frequently Asked Questions**

**What if the weather is bad?**

The vets still will come. Check the weather and dress accordingly and come prepared. If it is raining bring one or two umbrellas.

**Where do I eat or get snacks?**

There are food carts on the streets around the memorial. There are water fountains at the restrooms. You can bring a backpack with a water bottle and snacks. Bring a blanket and have a picnic!

**Where do we meet?**

At the WWII memorial where the buses arrive near the restroom and the information building.

**How long does it take?**

The time at the memorial is dependent on the buses schedule. It usually lasts from about 9:00 am till 2:00 pm. However, when you decide on which date you would like to volunteer we can be more specific on the times of the bus arrivals.

**Can I earn Student Service Learning Hours?**

Yes, bring the completed form and an adult leader can sign it.

**Contact Information:**

<table>
<thead>
<tr>
<th>Jessica Corazza</th>
<th>Carolyn Corazza</th>
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<tr>
<td><a href="mailto:jcorazza23@gmail.com">jcorazza23@gmail.com</a></td>
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<tr>
<td>Cell 240-876-8572</td>
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If you’re interested in the Maryland Grain Producers Scholarship or any of the scholarships given by the Maryland 4-H Foundation, go here: http://extension.umd.edu/4-h/youth-families/awards-recognition. You must submit your applications by June 1.

Maryland Day & State 4-H Communications Contest

Grab your family, friends, and neighbors to join 4-H for Maryland Day on Saturday, April 25 at the University of Maryland, College Park. Across campus there are fun-filled activities, demonstrations, exhibits, performances, and other events that will demonstrate the impact of this world-class university. Various 4-H clubs will have table presentations, so be sure to stop by and support your fellow club members.

In addition, as part of Maryland Day our Montgomery County public speaking champions will be competing against 4-H youth from around the state to display their ability to speak comfortably before a crowd.

Check out the Maryland Day website here: http://www.marylandday.umd.edu/

4-H’ers Had Fun with Flowers

Fourteen 4-H’ers showed up for Montgomery County’s Fun with Flowers Workshop on March 17, where they learned the art of flower arranging and took home two arrangements in tin cans. Everyone had lots of fun, and we want to give a big thank you to the Neighborhood Garden Club of Gaithersburg-Washington Grove for teaching us how it’s done.

Kids’ Corner

Articles by our 4-H’ers

Zenith Club Volunteers at Shepherd’s Table

By Emilia Wright

On February 12, 2015 the Zenith 4H Club completed a service project, which was led by the Madden family. We made peanut butter and jelly sandwiches to donate to Shepherd’s Table, a homeless shelter. The whole club contributed by bringing jars of peanut butter and jelly, as well as loaves of bread. We made an assembly line, which made everything work smoothly, as each member had a specific task in making the sandwiches.

Shepherd’s Table is a nonprofit organization in downtown Silver Spring. Its mission is to help people who are homeless and in need of basic necessities including meals, social services, medical support, clothing, and other assistance. You can visit their website to learn more about Shepherd’s Table at shepherdstable.org.
Wildcard! The Maryland State FIRST Tech Challenge (FTC) Championship was rescheduled due to weather. As a result, some teams had conflicts and could not participate. Team 8521, the 4-H Hard-Hitting Hardware Hooligans, the 4-H Mindstorm Maniacs of Montgomery County FTC team, was entered in the wildcard drawing for the two open slots at the State FTC Championship. The Hooligans was one of the teams selected!

Let's start at the beginning... Even though we are a rookie team we decided to be ambitious and build an entirely custom robot. One of our team members knows how to use PTC Creo very well. He took the lead and our team fully designed the robot using the CAD software. Another team member made several parts of the robot using a 3D printer. We all extensively machined the majority of the remainder of the robot using a milling machine and a lathe. Our robot has very few Commercial Of The Shelf (COTS) parts.

The robot consists of several electronic components. These include seven DC motors, four servos, an NXT brick, seven batteries, five HiTechnic controllers, and two IR sensors. There are also some unique pieces of hardware on the robot as well. These parts include eight special AndyMark “Stealth Wheels”, four unorthodox gears, eight bearings, eight linear slides, and lots of chain.

Many changes had to be made to our robot to be ready to compete but we were able to get them done in time for the State Championship. On that day our robot completely passed inspection with flying colors. After this, we presented our robot to a panel of judges. Between the judging session and the beginning of the robot game qualification matches, we modified and perfected our autonomous (robot runs independently) program.

As the qualification matches went on, we continued to perfect our robot and game strategy. Our robot and drive team (consisting of three team members) performed their best during the fifth match. Before the elimination rounds began, the top four ranked teams of the day had to pick two teams each as their alliance partners. The Hooligans was picked and we were ecstatic!!!

During the semifinals, our team and our alliance partners performed very well and we were able to make it to the finals. The finals matches were nail biters. But our alliance was able to pull through and we won! It was an amazing experience and we are looking forward to competing at the FTC East Super Regional Championship in Scranton, PA. Our team members are Geoff Behrend, Mike Gotleib, Richie Lempicki, Sam Philip, and myself, Trevor Babb. Our coaches and mentors are Kevin Babb, John Leatherman, Rich Lempicki, Philip Varughese, and Roshni Babb.

Our next issue of News & Notes will be published in June. Please have all articles you wish published submitted by May 27.

If you need special accommodation for a 4-H program, event, or activity, please call (301) 590-2824 or email mlaudwei@umd.edu.

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