Don't miss out on the chance to celebrate your 4-H pride this year with National 4-H Week, and put your club in the spotlight!

Research has proven that participation in 4-H has a significant positive impact on young people. Recent findings from the Tufts University 4-H Study of Positive Youth Development indicate that, when compared to their peers, young people in 4-H are:

- Nearly 4 times more likely to contribute to their communities,
- Two times more likely to pursue healthy behaviors like,
- Two times more likely to engage in Science, Technology, Engineering and Math (STEM) programs in the out-of-school time.
- 4-H, the largest youth development organization in the world, is a community of seven million young people across the globe learning leadership, citizenship, and life skills. In the U.S., 4-H programs are implemented by the 109 land grant universities and the Cooperative Extension System through their 3,100 local Extension offices across the country. Overseas, 4-H programs operate throughout more than 50 countries.
- Learn more about 4-H at www.4-H.org, find us on Facebook at www.facebook.com/4-H and Twitter at https://twitter.com/4H.

4-H On Display

Each club is being asked to set up a 4-H Club Display during National 4-H Week October 2-8. Once again this year, we will have staff look at the displays and decide which one is an outstanding display and that club will be recognized with a special award at Achievement Night. Impact, visibility, and accuracy will all be considered when evaluating the displays. Please let Jenny know where your club’s display is set up will be by October 3: jmg422@cornell.edu or 607-583-3245.

2016 National Youth Science Day - Oct 5th

The 2016 4-H National Youth Science Day (4-H NYSD) challenge will be Drone Discovery. Developed by Cornell University Cooperative Extension, this exciting and hands-on engineering design challenge explores the science behind drones and how they are being used to solve real world problems. Youth will learn everything from flight dynamics and aircraft types, to safety and regulations, to remote sensing and flight control.

The 9th annual 4-H NYSD Challenge will be held on Wednesday, October 5, 2016 and will bring together youth from across the nation to complete this single, innovative activity. This can also be used as a STEM activity at a club meeting at any time. Kits are available at the CCE-Steuben office.
## Calendar of Events

### October - TBA 4-H Dog Obedience classes at Hillside Children’s Center, Snell Farm, Bath 6-8 p.m. on various Thursdays

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<td>12</td>
<td>13 4-H Awards Committee Meeting 4 p.m. CCE Office</td>
<td>14 4-H Robotics Howard 6-8 p.m. Beef Quality Assurance 6-9 p.m. Empire Livestock</td>
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<td>17 Cheese/Snack Stick Orders Due to CCE by 4:30</td>
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<td>21 Behind the Scenes Nominations Due to CCE</td>
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<td>25 Livestock Judging &amp; Skillathon Meeting 7 p.m. CCE Office</td>
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<td>28</td>
<td>29 Region II 4-H Horse Clinic: Standardbreds @ Steuben Farms</td>
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<td>23</td>
<td>24 Award Sponsor Due</td>
<td>30 Leader Nominations Due</td>
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### November - TBA 4-H Dog Obedience classes at Hillside Children’s Center, Snell Farm, Bath 6-8 p.m. on various Thursdays

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<td>4-H Robotics @ Howard 6-8 p.m.</td>
<td>5 Awards Program 6:00 @ Avoca School</td>
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<td>10 Veteran’s Day Office Closed</td>
<td>11 4-H Robotics @ Howard 6-8 p.m.</td>
<td>12 Public Presentations 9-noon @ N. Cohocton</td>
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<td>13 Rabbit &amp; Poultry Learning Class @ Civil Defense 1-3 p.m. Bath</td>
<td>14 NYS Farm Bureau Agricultural Youth Scholarship Due</td>
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<td>16 Cheese/Snack Sticks arrives! Pick-up between noon-6 p.m.</td>
<td>17 4-H Program Committee Meeting 6 p.m.</td>
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<td>19 Cloverbud Day 10-11:30 a.m. County Office Building</td>
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**December** - TBA 4-H Dog Obedience classes at Hillside Children’s Center, Snell Farm, Bath 6-8 p.m. on various Thursdays

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<td>11 Rabbit &amp; Poultry Class @ County Office Building 1-3 p.m.</td>
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<td>25 Happy Holidays!</td>
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**January** – TBA 4-H Dog Obedience classes at Hillside Children’s Center, Snell Farm, Bath 6-8 p.m.

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<tr>
<td>Deadline for ownership of market beef steer/heifer, small frame beef steer, dairy steer.</td>
<td>Office Closed</td>
<td>Members must be re-enrolled to participate in 2017 Steuben County Fair!!</td>
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<td>Market Beef Steer/Heifer, Small Frame Beef Steer, Dairy Steer ID’s &amp; Quality Assurance Due</td>
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Any items, (Awards program, Fair items, etc.), left in the 4-H Office over 30 days from the date you are notified will be disposed of as the 4-H Staff deems reasonable. You will receive one phone call or email notification. It will be noted on each item the date that you were notified. Please make sure items are picked up, for you or your club, in a timely manner.

Checking The Web!

It is very important that everyone is checking the web site, www.putknowledgetowork.org and then click on 4-H Youth Development on a weekly basis as new items are appearing on the web site daily. We will keep you informed of upcoming events and changes by posting them on the web site as soon as we get them.

Steuben County 4-H Facebook Page

A Facebook page has been created for Steuben County’s 4-H Program. Like us on Facebook at www.facebook.com/steuben4H!!

4-H Fall Fund Raiser:

4-H Cuba Cheese & Wilson Beef Farms Snack Sticks

NEW THIS YEAR: PAYMENT IS DUE AT THE TIME THAT THE ORDER IS SENT OR BROUGHT TO THE OFFICE MONDAY, ON OCTOBER 17TH. When your members are selling the products, have them collect the money. When your order is sent or brought to the office, have one check or money order made payable to CCE-Steuben for the products. Your club will be issued a check with the club’s profit when you pick up your order on November 16th.

- **By Monday, October 17th** Leaders consolidate individual member orders into one club order and complete the form showing all members that sold and the total amount each sold. Include payment and mail or deliver to the CCE Office to reach us by 4:30 p.m. October 17. NO PHONE, EMAIL OR FAX ORDERS ACCEPTED

- **Wednesday, November 16 Delivery/ Pick-up Day**- Cuba Cheese and Wilson Snack Sticks will be delivered Wednesday, November 16th to the County Office Building, Bath. We will unload the truck and sort the cheese and other products by item. Volunteers and extra hands are needed for unloading and sorting. **Leader or club representative will pick up your club order** at the County Office Building, Bath, from Noon - 6:00 p.m. Leaders will sort your own club order following pickup. You may also call to see if your order is ready for pick-up prior to Noon.

- **NOTE:** If the leader is not able to come to Bath by 6:00 p.m., they must send a representative (parents, etc.). CCE does not have refrigerated storage to keep the products. Also once the products have left the office they may Not be returned.

- 4-H Clubs and Independent Members who do not pay the $75.00 family enrollment must participate in the Steuben County Cuba Cheese and/or Wilson Beef Farms Snack Sticks Fundraiser and sell at least $75.00 per 4-H member to be eligible for reduced rates on 4-H Award Trips. If a 4-H member does not sell $75.00 worth of product and they are chosen for an award trip they will be expected to pay 50% of the cost of the trip except for the Junior Award Trip and the Career Exploration trip to Cornell University where they will be expected to pay 100% of the cost of the trip.

For more information including order forms and brochures contact the CCE Office
2016 4-H Awards Program

All 4-H members, leaders and parents are cordially invited to attend the 2016 4-H Awards Program. Leaders will also be recognized for their volunteer support and dedication and County Fair premium money will be distributed.

When: Saturday, November 5, 2016
Social Time & Distribution of County Fair premium money – 6:00 p.m. – 7:00 p.m.
Awards Ceremony – 7:00 p.m.

Where: Avoca Central School Auditorium
23 Oliver Street, Avoca, NY 14809

Each club is asked to bring: A wrapped gift to be used as a door prize which we will be selling tickets for to benefit the Steuben County 4-H Activity Fund.

All 4-H families have a role in making this year’s annual awards program a success! Sponsorships are vital to the continuation of our 4-H programs. Please consider sponsoring an award for a deserving 4-H member at this year’s award program and contact Jenny at 607-664-2300 or jmg422@cornell.edu or return the enclosed form by Monday, October 31. Your support is greatly appreciated and allows us to be able to continue to offer quality programming to our youth!!

Friend of 4-H Award Nominations

The Steuben County 4-H Program recognizes at the 4-H Awards Program an individual and business to be selected as Friends of 4-H for excelling in their dedication to the Steuben County 4-H Youth Development Program through the years and have earned the respect of 4-H families and leaders, as well as the community. If you would like to nominate an individual or business please send your nominations to the CCE Office by Friday, October 7. Please indicate why you think this individual or business deserves this award.

Behind the Scenes Award

This award is sponsored by the Steuben County Farm Bureau and is presented to a 4-H member in the animal science program during the Awards Program. This award is presented to a 4-H member that has done a lot of work “Behind the Scenes”, and may not have received recognition. This is not only for work done at the County Fair but throughout the 4-H project year. If you would like to nominate a 4-H member please send your nominations to the CCE Office by Monday, October 21. Please indicate why you think the 4-H member deserves this award.

Favorite Leader Contest Nominations

How many times have you thanked your leader? Think about the times they have put aside their own plans to help club members with presentations, fair events, a field trip or with a project. You can thank your 4-H leader(s) by nominating them for the "Favorite Leader Contest". Write a short essay which you will read on Saturday, November 5th at the 4-H Awards Program. Keep the essay brief, about 2 minutes, but write enough information so we can see how much your leader does for you. All nominees' will be recognized at the Awards Program. More than one club member can get together and write the essay, and then one member can read it or you can take turns reading parts of it. If you would like to nominate a leader please contact Jenny by mail, email at jmg422@cornell.edu or call her at her 607-664-2300 and leave a message by Monday, October 31.
### Steuben County 4-H Robotics Program Kicks Off the New Year

**Ages 9-18 welcome!**  
**Where:** Howard Community Building  
**When:** Are scheduled for the following Fridays so far: October 7, October 14, November 4, November 11, December 2, December 9 from 6:00 – 8:00 p.m.

Contact Marlaina Bennett: 607-661-6383 or Kim Randall at ksb3@cornell.edu or at 607-583-3185 with any questions.

The Steuben County 4-H Program is currently using an EV3 that was purchased through the 2015 Tyrtle Beach Youth Fund Grant. Steuben County had 2 teams participate in the 2016 New York State Fair Robotics Challenge during the first time period. In the Division A team members Ashlee Zschoche, Country Critters 4-H Club; Justin Bennett and Ian Bennett of the Forever Farmers 4-H Club; and Isaac McFeaters from the Country Bunch 4-H Club, earned 2nd place honors. The Steuben County Robotics team of Nolan Bennett, Forever Farmers 4-H Club; Nathan Randall, Country Bunch 4-H Club; and Bryce Myers, Independent 4-H member earned 1st Place.

For more information about the NYS 4-H Robotics Program [http://sp.nys4h.cce.cornell.edu/about%20us/Pages/4-HRobotics.aspx](http://sp.nys4h.cce.cornell.edu/about%20us/Pages/4-HRobotics.aspx) and the NYS Fair Robotics Challenge visit [http://4hstaff.cce.cornell.edu/4-h-robotics/resources/state-fair-4-h-robotics-challenge?utm_source=Friday+News%3A+August+19%2C+2016&utm_campaign=nys4hfridaynews0812016&utm_medium=email](http://4hstaff.cce.cornell.edu/4-h-robotics/resources/state-fair-4-h-robotics-challenge?utm_source=Friday+News%3A+August+19%2C+2016&utm_campaign=nys4hfridaynews0812016&utm_medium=email)

### Community Service/4-H on Display Opportunity – Salvation Army Red Kettle Drive

The Hornell Salvation Army and Corning Salvation Army are looking for volunteer bell ringers for their annual Red Kettle drive. They accept groups and individuals and will be scheduling for at least 2 hour shifts at a time however 4-H families from the same club can split that up into smaller shifts if that works better in your schedule.

The Red Kettle locations for the Hornell Salvation Army are Cys in Arkport and Canisteo and Walmart in Hornell. Bells are rung November 21- December 24, Monday through Saturday. If anyone is interested in helping contact Gary Miles at 607-324-1933 and leave a message.

For more information as to the locations and dates for the Corning Salvation Army contact Captain Raul Rivera or Captain Wanda Rivera at 607-962-4681 in November.

Remember to complete a 4-H Community Service Project Record found at [http://putknowledgetowork.org/4-h-youth/club-programs](http://putknowledgetowork.org/4-h-youth/club-programs) and if you have some sort of display or designation that you are a 4-H member or 4-H club you can also complete the 4-H On Display Project Record found at [http://putknowledgetowork.org/4-h-youth/club-programs](http://putknowledgetowork.org/4-h-youth/club-programs)
Food, Fun, and Fitness“Choose Health for” Foods Project

The nutrition educators at Cornell Cooperative Extension are available to do a foods project for your club or a group of 4-Hers from 3rd grade and up. This would be a series of six 60-90 minute sessions. Each session would include a cooking activity, a nutrition activity and a physical activity. A facility with a kitchen and table space is needed if you want to cook. For those near Bath the CCE learning center would be available. Contact Loree for more information.

4-H Award Trip Committee

The 4-H Award Trip committee will be meeting Thursday, October 13 at 4 p.m. in the CCE Office to choose 4-H members for the following award trips based on the 4-H members who completed Senior Summary Reports: Capital Days; STARR; Career Exploration Trip, Cornell University; Agribusiness Career (ABC) Trip, Cobleskill; and Citizenship-Washington Focus. The award trip committee meets once a year and will be meeting in October. If you are interested in serving on this committee contact Kim Randall at the CCE Office at 607-583-3185 or at ksb3@cornell.edu.

BEEF QUALITY ASSURANCE CERTIFICATION

There will be a Beef Quality Assurance (BQA) Certification held on Friday, October 14 from 6-9 p.m. (classroom and chute-side training) at Empire Livestock, Bath. Dinner will be provided. The BQA manual contains over 50 pages of best management practices covering feedstuffs, record keeping, animal health products, cattle handling and biosecurity. BQA is a national program for producers that provides science based management practices that enhance carcass quality and safety and improve animal care. BQA works to return more profits to producers and to protect consumer confidence in our beef supply. The BQA program is producers initiated, voluntary and locally led. In NYS it is coordinated through the combined effort of the New York Beef Industry Council, Department of Animal Science at Cornell University, and the New York Beef Producers Association. The training is for all individuals who have the opportunity to influence the quality and handling of cattle. Youth under 14 can attend but must be accompanied by an adult. Benefits of the BQA Program to producers include improvements in: Animal well being, herd health, herd performance, beef quality, records for decision making and marketing potential. Individuals 14 and over will receive Level 1 BQA Certification if they attend the BQA training (classroom and chute-side) on October 14, successfully complete the BQA test, and sign the BQA contract. Please contact DeLisa Drum, Agricultural Community Educator at Cornell Cooperative Extension of Steuben County, at dp253@cornell.edu at her direct line at 607-583-3359 or at the main line 607-664-2300 to register or with any questions you may have about the BQA Certification to be held on October 14.

Insectapalooza!!!

Insects will be on display at Cornell University during the 10th annual Insectapalooza Insect Fair on Saturday, Oct. 22 from 9 a.m. to 3 p.m. at Comstock Hall on the Cornell University campus. The cost is $3 per person; children 3 and under free.

The annual, one-day insect fair is hosted by the Department of Entomology at Cornell. Insectapalooza is an interactive, hands-on experience that features hundreds of live insects, spiders, and other fascinating arthropods. Popular favorites include the Butterfly room and Arthropod Zoo. Insectapalooza is fun and educational for children, teens, and adults of all ages. The annual insect fair reflects the countless ways that insects interact with people and impact our lives - for better or for worse. For more information visit http://entomology.cals.cornell.edu/news-events/insectapalooza
2016 N. Y. Junior Beef Producers Association Fall Festival
October 14-16, 2016, Schoharie County Sunshine Fairgrounds, Cobleskill

The New York Junior Beef Producers Fall Festival entries and payment are to be postmarked by September 26 or at the latest postmarked by October 3 and will incur an additional fee. Entries for the Youth Challenge will be accepted the day of the contest, although, pre-registrations are appreciated. For questions contact NY Beef Producer’s Association Julie Murphy at NYBPAadvisors@gmail.com 518-686-4180 or http://www.nybpa.org/youthprograms.htm and then click on Fall Festival Entry Form.

Fall Festival Youth Challenge
The NY Fall Festival is again happy to offer a fun and educational program for all youth interested in the beef industry. In order to participate in the Challenge, participants must be members of the NY Junior Beef Producers. You can join by sending in $10 with your entry, or $25/ family. There will be Pee Wee Division – 8 and under, Junior Division 9–13, Intermediate Division 14-17, and Senior Division - 18-21. (Age as of 1-1 of current year)

*Meats Identification and Evaluation 6:00 pm on Friday, October 14
Contestants will judge meat cuts and carcasses. There will be a brief overview of what you should look for, and an explanation on how to evaluate and place a class of meat cuts. Identification of beef cuts will be a component of this contest as well.

*Cattle Judging Contest 9:00 am on Saturday, October 15.
Judge 3 groups of cattle. Intermediate and Senior division participants will be required to provide reasons for one of the groups.

*Stockman’s Quiz and Equipment ID 10:00 am Saturday, October 15. Written quiz on general knowledge of the beef industry. Topics with visual aids will be tested based on knowledge used daily on the farm.

*Team Marketing - 6:30 pm Saturday, October 15. Groups of 3(all from same age group) will market one animal to a division specific judge.

*Team Fitting – 8 am Sunday, October 16. Groups of 3 (all from DIFFERENT age group) Groups will be asked to cooperatively fit one animal. Individual Challenge Awards will be presented at 6 p.m. on Saturday. Team Challenge Awards will be presented on Sunday morning immediately following the Team Fitting competition.

New York Farm Bureau Offers Scholarships To Students Who Plan An Ag-Related Future.
New York Farm Bureau is encouraging high school seniors who have been involved with agriculture and plan on continuing studies in this field to apply for the New York Farm Bureau Agricultural Youth Scholarship sponsored by the New York Farm Bureau Promotion and Education Committee. Scholarship awards are $1,500 for first place, $1,200 for second, and $1,000 for third place.

Students applying must have a family Farm Bureau membership or a Student Farm Bureau membership (a membership application may be included with scholarship enclosures). Students are required to complete an application and submit a brief essay answering the question, “If you had the power to change something in your community or on your farm, what would you change and why?”

At the District level, a personal interview and essay presentation may be scheduled at the discretion of the District Representative. The county winner will be the applicant scoring the highest for each county. The District winner will be overall highest county winner. After District judging is completed, the District winner will have an opportunity to make minor changes (i.e. grammar, spelling, additional awards etc.) to their applications prior to the February 1st deadline to New York Farm Bureau for the state judging. The state level competition is based solely upon the application and attachments.

The application submission deadline is November 16, 2016. For scholarship information and the application visit http://www.nyfb.org or contact Sandra Prokop at sprokop@nyfb.org or 1-800-342-4143.
Livestock Judging and Livestock Skillathon Informational Meeting Tuesday, October 25

There will be an Informational Meeting for 4-H members and parents on Tuesday, October 25 at the Steuben County Office Building, South Conference Room, upstairs, at 7 p.m. Please complete the Livestock Judging & Livestock Skillathon Interest Form by Monday, October 17 to indicate who will be attending the meeting on October 25 so that the names of those attending can be put on the list to be able to enter the building.

What is Livestock Judging?

Livestock judging is the process of ranking four animals (beef, sheep, swine, and/or meat goat) of one class top to bottom based on criteria such as bone structure, muscle, body capacity, body composition, performance.

Livestock Judging develops the following life skills: critical thinking, organization, time management, public speaking, self confidence, self motivation, team building and competition.

While all of this sounds intimidating Livestock Judging is a really fun way to learn about beef cattle, sheep, swine and meat goats. Livestock Judging allows 4-Hers to get involved, compete, and make new friends. 4-H members 5-18 years old are eligible to participate and parents/volunteers/coaches are needed. Cloverbud members 5-7 years old (as of January 1, 2017) who are interested in learning may participate only if they are accompanied at all times by a responsible adult who is at least 21 years old who will be accompanying them the entire time. Jason Corey will be the Steuben County coach but he will still need volunteers to assist him. If you are interested in volunteering to help assist with Livestock judging or if you are interested in giving Livestock Judging a try, please complete the Livestock Judging Interest Form or e-mail Kim at ksb3@cornell.edu by Monday, October 17. We look forward to hearing from you. A schedule of practices and competition dates will be announced.

What is Livestock Skillathon?

The objectives of the Livestock Skillathon contest is to provide youth with the opportunity to blend knowledge and skills acquired in livestock judging, demonstrations, care and exhibition of animals into one activity. This is also an opportunity for youth even if they have no opportunities for livestock ownership to learn about the importance of beef, sheep, swine and goat and their products to the environment and economy. Livestock Skillathon consists of 3 parts: Written quiz, identification and team questions. For the 2 question written quiz (100 points possible per person). Individuals will complete the exam independently. Potential topics are nutrition, health, breeding, management, genetics and current industry topics. The identification portion is 50 points possible per topic for a total of 300 possible points per person. Individuals may be asked to identify retail meat cuts, livestock feeds, and breeds, evaluate cuts of meat and hay or wool samples and complete a quality assurance exercise. Team participation will be required in a quality assurance exercise, evaluation of livestock feeding and performance information and an animal breeding or marketing scenario and exercise. 100 points possible per topic for a total of 400 points per team. Livestock Skillathon instills ethical values, good sportsmanship and product evaluation skills. Livestock Skillathon recognizes youth for their total involvement in and comprehension of the livestock industry.

For more information and resources visit http://4h.ansci.cornell.edu/events-2/nys-fair/livestock-skillathon/

While all of this sounds intimidating Livestock Skillathon is a really fun way to learn about beef cattle, sheep, swine, and meat goat. Livestock Skillathon allows 4-Hers to get involved, compete, and make new friends. 4-H members 5-18 years old are eligible to participate and parents/volunteers/coaches are needed. Cloverbud members 5-7 years old (as of January 1, 2017) who are interested may participate only if they are accompanied at all times by a responsible adult who is at least 21 years old who will be accompanying them the entire time. Teresa Chapman will be the Livestock Skillathon Coach but she will still need volunteers to assist her. If you are interested in volunteering to help assist with Livestock Skillathon or if you are interested in giving Livestock Skillathon a try, please complete the Livestock Skillathon Interest Form or e-mail Kim Randall at ksb3@cornell.edu by Monday, October 17. We look forward to hearing from you. A schedule of practices and competition dates will be announced.
Public Presentations for 2016/2017

When former members of 4-H are asked what helped them the most in preparing for their adult years, the answer was doing public presentations. The reason for this is that it prepared them to organize information and be able to get up in front of a group at work, in the community or at a club meeting and feel comfortable. With this in mind the 4-H Program Committee decided that everyone in 4-H should do a presentation each year whether it is at the county or club level.

ALL Regular 4-H members ages 8 and up are required to participate in the public presentation program to receive project completion. Cloverbuds are strongly encouraged to do a presentation but it is not mandatory. In addition to the County presentations there is another option, that of presenting at a Club Meeting and being “judged” by one of the leaders of the club. The Club Presentation is meant to be just a stepping stone for a year or two, then the member needs to attend at the county level.

Information on preparing for presentations will be given to leaders/parents at the September 17th Update and it is also on the web. If an individual or a club would like help with any part of the public presentation process, please contact the 4-H office. Arrangements can be made to give you or your club the help that is needed.

All members, except Cloverbuds, giving presentations at the county level in November or February will be considered for district level presentations. Club presentations do not give public presentation award trip status to members.

Fall General Public Presentation Day
Fall Public Presentations will be held in the North Cohocton Methodist Church on Saturday, November 12, 2016 from 9:00am – Noon. Registrations are due to the 4-H office on Monday, November 7th.

If you are a new club or new to public presentations, you are welcome to come to N. Cohocton and watch the presenters.

Winter General and Horse Public Presentation Day - The next opportunity to do public presentations will be on Saturday, February 25, 2016 at the Steuben County Office Building. General presentations and horse will be done on the same day. Check below for more information.

General Presentations: All topics except horse. Time: 9:00 a.m. to Noon and 1:00 pm-3:00 pm.
Horse Presentations: All presentations with a horse topic. Time 1:00-3:00 only.

Summer General Public Presentation Day - The summer General public presentation event will be in the Youth Building at the fairgrounds in July.

4-H Livestock Advisory Committee

Anyone interested in being a member of the 4-H Livestock Advisory Committee is invited to attend the reorganizational meeting to be held on Tuesday, October 4 at 7 p.m. at the Steuben County Office Building in South Conference, upstairs, and will include the election of officers. All CCE volunteers including Advisory Committee members will need to be an approved current volunteer including having a current volunteer application completed along with the background check which has been approved within the last 3 years. The 4-H Livestock Advisory Committee will meet approximately 6-8 times a year (October, November (tentative), January, March, June, July (tentative), August, September). The August meeting is the Monday evening of the fair at 6 p.m. at the 4-H Building at the fairgrounds. If you have any questions please contact Kim at ksb3@cornell.edu or 607-583-3185
4-H Tractor and Machinery Operation Certification Program Offered

Youth who will be 14 and over as of March 1, 2017 can take the course for certification. Participants who want to earn their certification must pass both the written exam and the driving test. The cost for this course is $20.00 for 4-H members to cover the cost of materials and is payable to CCE by Friday, January 6th with the enclosed registration form, the Tractor Acknowledgement of Risk Form, the CCE permission Slip/Medical Release form or these forms can be found on the website at www.putknowledgetowork.org and click on 4-H Youth Development and then click on 4-H Program areas and then Tractor and Machinery or by contacting Kim at Cornell Cooperative Extension at 607-583-3185.

Non 4-H members are eligible to take this course but in addition they will need to complete a 4-H enrollment form as an independent member by Friday, January 6 which is found on the above website and pay the $10.00 4-H enrollment fee.

The Hazardous-Occupation Order for youth under 16 makes it unlawful to hire or even permit without pay any youth under the age of 16 to participate in any work activities listed as hazardous, unless:

1. The youth is employed, either with our without compensation, by their parents or legal guardian, or
2. The youth 14-15 years old has a training certificate which provides an exemption from certain hazardous work activities.
3. The Tractor and Machinery Operation Program allows for youth under the age of 16 who successfully completes the program to engage in agricultural work activities below if they are 14-15 despite the fact the activities are listed as "agricultural work activities classified as hazardous for youth under 16".

Tractor Operation - This training allows youth who successfully complete requirements to: operate a tractor over 20 PTO horsepower, or connect or disconnect an implement or any of its parts to or from such a tractor. Equipment Operation This allows youth who successfully complete requirements to operate or assist to operate the following equipment: hay mower, hay baler, forage harvester, forage blower, feed grinder, crop dryer, auger conveyor, the unloading mechanism of a non-gravity type self-unloading wagon or trailer, corn picker, cotton picker, grain combine, power post-hole digger, power post driver, a non-walking rotary tiller, potato digger, or mobile pea viner. This includes starting, stopping, adjusting, feeding, or any activity involving physical contact associated with the operation of the equipment listed. Youth must have satisfied all the requirements for the Tractor Operation and must have completed a total of at least 24 hours of instruction.

The schedule for the course is as follows:

A Sunday Session in January and February TBA 1-4 p.m. Location to be announced hands on learning session
Mondays, January 9, 16, 23, 30 7:00 p.m. – 9:00 p.m., Civil Defense Center, 7220 Route 54, Bath
Mondays, February 6, 13, 20, 27 7:00 p.m. – 9:00 p.m., Civil Defense Center, 7220 Route 54, Bath
Sunday, March 5 (driving test) Location to be announced 1- 4 p.m.
Monday, March 6 (written test) 7:00 p.m. – 9:00 p.m., Civil Defense Center, 7220 Route 54, Bath
The primary objective of 4-H Dairy Bowl Contests is to provide an opportunity for youth enrolled in a 4-H dairy project to demonstrate their knowledge of dairy related subject matter in a competitive setting where attitudes of friendliness and fairness prevail. It is also hoped that these contests will prove to be an educational experience for both participants and spectators. The Dairy Bowl Program is designed to encourage youth to increase their dairy knowledge through study and preparation for the contest. Youth learn life skills as they prepare for contests - critical thinking, decision-making, problem solving, communication skills, listening skills, speaking skills and independent thinking. They experience the value of teamwork, character building, and goal setting. Youth gain knowledge in dairy nutrition, milk quality, herd health, breeding and genetics, marketing, dairy foods, calf raising and all cattle breeds.

Age of contestants is as of January 1, 2017.

**Novice Contest**
Team members may be 8 - 10 years old with some experience or 11 - 13 years old with no previous district contests experience.

**Junior Contest**
9 years to 13 years old

**Senior Contest**
14 years to 18 years old.

**Dairy Bowl Practice Sessions TBA**
TENTATIVE Saturday, March 4 - Finger Lakes District Dairy Quiz Bowl Contest, Midlakes School
The Finger Lakes District will send a junior and a senior team to the state competition at Cornell University tentatively April 22. The Finger Lakes District junior and senior teams will be composed of the top four individuals with the 5th place as the alternate in each division.

If you are interested in participating at the county and/or district level or receiving more information about Dairy Quiz Bowl please return the enclosed interest form by Monday, October 17, 2016. If you have any questions or are interested in volunteering as a coach please contact Kim at 607-583-3185 or at ksb3@cornell.edu. Coaches will need to be approved volunteers consisting of having their background check approved.

**What is Cow College?** Cow College is another name for Dairy Judging.

**Who can attend cow college?** Any 4-H member and their parent, grandparent, leader, etc. who is interested in learning how to dairy judge. Please NOTE: Cloverbud members 5-7 years old (as of January 1, 2017) who are interested in learning how to dairy judge may participate only if they are accompanied at all times by a responsible adult who is at least 21 years old who will be accompanying them the entire time.

**Where is cow college held?** Cow college is held in the barn at different farms around the county (dress warm and wear appropriate foot wear because you will be in the barn or at times outside depending on the weather!)

**When is cow college?** Cow colleges will be scheduled during February - April. Each session will be approximately 2 hours tentatively from 1:00 p.m. – 3:00 p.m. on a Saturday.

**Why should I go to cow college?** Cow college teaches you the essentials for being a dairy cattle judge. It will help you understand what to look for what choosing your show animal. It will also help you understand why the judge places your animal the way he does at county fair or any other dairy show.

**What happens after the cow colleges?** If there is enough interest there will be a county dairy judging tour in May. 4-H families (4-H members including cloverbuds and adults) are encouraged to judge. There will be several judging trips throughout the summer that selected 4-H members will be invited to attend. 4-H members can participate in the Dairy Judging Contest at the Steuben County Fair. There is the State Dairy Judging Contest at the NYS Fair where Steuben County can send a maximum of 8 members (8-18 years old) per division. Steuben County members will be selected as members of the Steuben County Teams:
Senior – 4-H members 14-18 years old as of January 1, 2017. Senior members will give 2 sets of oral reasons as part of the contest on Day 1 and if selected for the Day 2 contest oral reasons are a part of this contest too.  
Junior – 4-H members 9-13 years old as of January 1, 2017. 4-H members will not give oral reasons as part of the contest.

Novice – youth 8-10 as of January 1, 2017 or any youth 13 and under as of January 1, 2017 who have not previously competed in the dairy judging contest at the State Fair. 4-H members will not give oral reasons as part of the contest.

**Dairy Judging Schedule Dates and Locations to be announced**

If you are interested in participating or receiving more information about Dairy Judging please return the enclosed interested form by Monday, October 17, 2016.

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**2017 Horse Show Requirement**

4-H Members Participating in the Horse Project Please Note: Members must participate in one county level or beyond Horse Educational Event (i.e. Public presentations, Horse Quiz Bowl, Hippology, or Horse Judging) or attend alternate “educational events” and do a one-page written report on what they saw and learned to receive educational credit to be eligible to participate in any Steuben County 4-H Horse Shows.

Public Presentation Credit - Horse members will receive credit towards showing if they give a public presentation on a horse related topic at the county event or by completing a club level presentation and turning in the evaluation form with a summary/outline of the presentation.

County Level Credit for Horse Bowl or Hippology - For a Horse member to receive county level credit for Horse Bowl or Hippology they must attend at least 3 of the practice sessions.

Regional Credit – To receive regional credit 4-H members must participate in the regional contests.

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**Horse Bowl & Hippology**

Horse Bowl – is a fast-paced, fun, horse knowledge competition that uses buzzers and can be more easily compared to game show Jeopardy. There’s a wide range of topics covered including: basic grooming, genetics, tack and equipment, riding, stable management, breeds, history, etc.! Contestants are split my age/experience levels: Novice – 8 & 9 years old OR 1st year up to 14; Junior – 10-13 years of age; Senior – 14 and up. Juniors and Seniors are eligible for the State Competition if they receive qualifying scores at the Regional. County practices will be set up if there is enough so PLEASE contact Jenny at the 4-H Office if you’d like to participate!

Hippology – is a slightly slower paced, hands on horse knowledge competition where youth rotate through various stations. These stations include: slides, written test, horse judging, tack ID, breeds, nutrition, parasites, confirmation, and team problem (JR/SR only). The levels for this competition are the same as Horse Bowl: Novice – 8 & 9 years old OR 1st year up to 14; Junior – 10-13 years of age; Senior – 14 and up. Juniors and Seniors are eligible for the State Competition if they receive qualifying scores at the Regional. County practices will be set up if there is enough so PLEASE contact Jenny at the 4-H Office if you’d like to participate!

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**Tractor Supply Fall Paper Clover Fundraiser October 5 – 16 to support 4-H**

4-H Clubs/families are needed to help sell 4-H Paper Clovers October 5-16 at all three Tractor Supply Company (TSC) Stores in Steuben County. 4-H Papers Clovers are paper representation of the 4-H Clover that are sold for $1 by TSC store team members and prominently displayed in the store. For added incentive, the 4-H Club that sells the most in Steuben County will receive a $50 check! Clubs can have a display of their projects, club banner, bring animals, bake sale, activity for the public etc. Please contact Jenny or Kim at the CCE Office so we have representation at all 3 stores. Also, please contact the specific TSC Store Manager to make arrangements as well. Bath Store – 607-664-1222, Hornell Store – 607-324-9434, Painted Post Store – 607-962-2606.
Bradley Sick, Cohocton, a 12th year member the Willing Workers 4-H Club was one of 7 NYS 4-H Delegates along with 2 chaperones to attend the National 4-H Conference on April 9-14, 2016 at the National 4-H Center in Chevy Chase, Maryland and Washington, D.C. NYS delegates at the National 4-H Conference had the opportunity to meet with representatives from the offices of Senators Gillibrand and Schumer, as well as three congressmen. They discussed many issues from community engagement of youth to increasing renewable energy resources to the importance of Smith-Lever Land Grant funding.

Brad states “My round table was health and fitness and we discussed how to get youth with disabilities more involved in activities with youth without disabilities. We presented to the Presidents Council on Fitness, Sports and Nutrition. This worked out well for me since one of my three roommates was in the same roundtable, so I knew someone before we met and had someone that I could work with for creating our presentation. For myself some of the best moments on the trip was within my roundtable meetings for it showed how people from all over the country and from all walks of life have had similar experiences and ideas to share while remaining open minded to new ones. The trip was also very enjoyable during the workshops for it was a good way to bring more people together and to allow them to meet many new people from all over the country. The workshops also had some very interesting topics. The one that really stuck with me talked about the different ways that people expressed their opinions and how they react to the ways that ideas are expressed towards them. The monuments tour was also a nice part of the trip to go on for it allowed people to soak up the rich history that is found within DC. Also a plus that the food they served us was great. Overall I will say that this trip was one that I surely will not forget. The ice cream was good, the monuments were great, and the friendships will last forever.”

2016 Career Exploration
On June 28-30, 2016 eleven Steuben County members and 2 volunteer chaperones participated in the NYS 4-H Career Explorations at Cornell University. The purpose of this program is to provide youth with exposure to academic fields and career exploration, to develop leadership skills, to provide hands-on experience in a college setting and to introduce you to Cornell University. The event is made up of two grade specific tracts: University U for youth entering grades 8 - 9 and Focus for Teens for youth entering grades 10-12.

Two of the 4-H members, Kaleb Dininny and Nolan Bennett, participated in the University U Program and nine of the 4-H members participated in the Focus for Teens Program. Participating in the Focus for Teens were Justin Bennett, Katlin Bidlack, and Molly Fox all participated in “So you want to be a Food Scientist”; Greg Fox participated in “Making for Sustainability”; Peter Kelly participated in “Youth Grow!”; and Victoria Kelly participated in “It starts with a Bang!” Focus Assistants (FAs) are vital to the success of the Conference. They play essential leadership and support roles to all participants and Conference Coordinators. Three Steuben County members applied and were accepted as FA’s. They were Bethany Draper in “Get the Gist”; Madeleine Gurecki in “Where Life and Engineering Meet”; and Samantha Towner in “Quality H2O”. Thank you to Rachael Draper who participated in “Nanoparticles in My What?” and Marlaina Bennett who participated in “Get the Gist” who served as chaperones for the trip.
**2016 Citizenship-Washington Focus Trip**
Charlie Coley, Loon Lake Raiders 4-H Club, and Madeleine Gurecki, The Galloping Grapes, attended the 2016 Citizenship-Washington Focus Trip (C.W.F.) on July 10-16, 2016. Thank you to John Coley for serving as their chaperone. CWF is a week-long 4-H citizenship program for youth ages 14-19 that takes place at the National 4-H Youth Conference Center just miles from Washington, DC. CWF provides 4-H youth with opportunities to explore, develop, and refine their community and civic engagement skills to be outstanding leaders in their communities. Through hands-on educational workshops, and sightseeing tours in the “living classroom” of Washington, D.C., youth learn about the history of our nation, the leaders who have shaped it, and how they can apply the leadership and citizenship skills they learn during CWF when they return home. Every summer, thousands of young people participate in the program, which provides opportunities for them to:

- strengthen their communication, leadership, and citizenship skills on a national level
- understand the importance of civic and social responsibilities as they relate to the development of better citizens and leaders
- exchange ideas, practice respect, and form friendships with other youth from diverse backgrounds.
- experience hands-on learning using the historical backdrop of Washington, DC.

While on Capitol Hill they met with staff from Senator Kirsten Gillibrand’s office, staff from Senator Charles Schumer’s office, Congressman Tom Reed, Congressman Peter King, and had a tour of the U.S. Botanical Gardens and a Capitol Tour. Thank you to Dianne Miller, Director of Federal Relations at Cornell University for arranging these meetings.

John Coley states, “I would strongly encourage any adult to join their children on this trip. Not only did we see many of the sights of the city, but the opportunity to visit the Congressional Office Buildings was something you do not often get the chance to do. I also feel that the programs offered by the National Washington 4-H Center provided the youth with a hands on chance to experience how things get done in politics.”

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**Finger Lakes District 4-H Dairy Judging Contest**
The Finger Lakes District 4-H Dairy Judging Contest was held at Alfred State College on July 8, 2016. Twenty-eight 4-H members representing Cattaraugus, Erie, Steuben and Wyoming Counties participated and judged 4 classes of Holsteins provided by Alfred State College, a class of Ayrshire calves provided by the Atherton Family and a class of Jersey Yearlings provided by Jerry Stewart. The official judge for the contest was Michael Bossard. Thank you for the generous donation of milk from Meadow Brook Dairy and ice cream from Byrne Dairy. The first place winners received a plaque donated by Alfred State College. The top ten individuals and the top 5 teams in each division received ribbons courtesy of the Willman 4-H Dairy and Livestock Fund at Cornell University.

In the Novice Division earning 1st place was Connor Stewart, Independent member and Cole Sherer, Country Bunch 4-H club earned 3rd place. The Steuben Novice team was 2nd.

In the Junior Division Kayla Atherton, Blue Ribbon Roundup 4-H Club, earned 3rd Place. The combined Jr. team of Cattaraugus/Steuben was 2nd.

In the Sr. Division earning 1st place was Rachel Hoffer, Dairy Dreamers 4-H Club who was awarded a $250 scholarship to Alfred State College if she chooses to enroll in the Agricultural Program or Veterinary Technology Program at Alfred State. Paige Demun, Dairy Dreamers 4-H Club placed 5th, Jade Atherton, Blue Ribbon Roundup 4-H Club placed 6th; Bryce Warriner, Dairy Dreamers 4-H Club placed 9th; and Priscilla Helgerson, Dairy Dreamers 4-H Club placed 10th. The Steuben 1 team placed 2nd and the Steuben 2 team placed 4th.
Small Animal Clinic

On Wednesday, July 6th, 2016 Steuben County 4-H hosted its annual small animal clinic at the county fairgrounds from 5-8 p.m. Over 100 animals were present and species included: Poultry, Guinea Fowl, Waterfowl, Rabbits and Cavies. The objective of the clinic is to provide a hands-on educational opportunity for youth to learn more about their respective species and to receive services required to exhibit their animals. The 40+ youth that were present had a chance to participate in activities such as: Poultry Pullorum Test – conducted by Ag & Markets, Poultry Showmanship, Rabbit Showmanship, Cavy Showmanship, Cavy and Rabbit Identification.

In addition to the clinic, Steuben County 4-H has also held bi-weekly “study nights” for the Small Animal Program for youth interested in learning more about their animals and who are potentially considering competing at the New York State Rabbit Decathlon, New York State Poultry Science or the New York State Poultry Bowl Contests all held during the 2016 New York State Fair in August. We are looking forward to offering these classes again in the 2016-2017 4-H Program year.

Steuben County at State Fair Youth Building:
Steuben County had 100 exhibits that went to state fair in the areas of communications and expressive arts, food and nutrition, food preservation, fine arts, home environment, hobby crafts, child development, wearable art, textiles and clothing, photography, horticulture exhibits including vegetables and cut flowers, and STEM exhibits in woodworking, shop projects and electrical. All exhibits did very well. When exhibits in the youth building at the New York State Fair go above and beyond “excellent”, they receive special recognition. Steuben County’s winner of a purple rosette was: Foods: Madison Conrad for her blueberry buckle.

Alexis Robinson and Samantha Towner entered the Iron Chef Jr. Challenge and took First Place for the second year! For the contest they had to make over a fair food to make it healthier. This year they turned a taco a healthier dish.

NYS Fair Clothing Revue
Those representing Steuben County were Victoria Kelly, Alexis Robinson, Samantha Towner. Their four days at the fair were varied this year. The first day they assisted the evaluators judging the exhibits in the youth building and arranging the booth. Modeling in the clothing revues and mannequin modeling took place on the second and third day. On the fourth day they had a clothing revue and conducted a “make it take it” activity in the Steuben County Booth.

Steuben County Member will Represent NYS at the National World Dairy Expo 4-H Dairy Cattle Judging Contest
Congratulations to Paige Demun of the Dairy Dreamers 4-H Club placed 3rd overall with her Day 1 and Day 2 combined scores at the New York State Fair 4-H Dairy Judging Contest. This earned her a spot on the New York State 4-H Dairy Judging Team that will compete on October 3 at the National 4-H Dairy Cattle Judging Contest at the World Dairy Expo in Madison, Wisconsin. Paige is an 11th year Steuben County 4-H member and was a member of the 2015-2016 NYS 4-H Junior Dairy Leaders Program. She is currently a Freshman at Cornell University studying Animal Science. She is also a member of the NY Holstein Association and the NY Ayrshire Association.