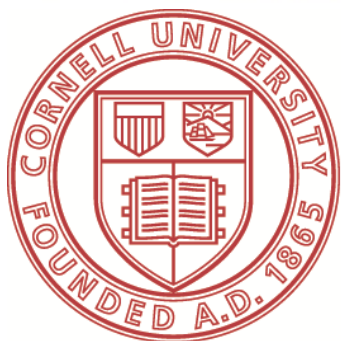


2015 Annual Report

building
**Strong &
Vibrant**
New York communities



Cornell University
Cooperative Extension
Chautauqua County

Cornell Cooperative Extension of
Chautauqua County
3542 Turner Road
Jamestown, NY 14701
(716) 664-9502
www.cce.cornell.edu/Chautauqua

Dear Friends and Supporters of Cooperative Extension,

2015 has been an exciting year filled with challenges and changes for our association. Although we have had significant reduction in staff and programming, we are adjusting well with a solid leadership team and a dedicated Board of Directors. CCE Chautauqua is working diligently to transcend our exceptional traditional programming and continue to grow to meet the needs of the County.

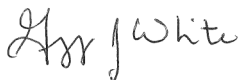
We are committed to improving the services we offer to Chautauqua County residents, and are continually reviewing our programs, services, and seeking alternative sources of funding and support. Together, through the support of local foundations and businesses, along with a tremendous endeavor put on by volunteers and staff, we were able to continue to sustain the exceptional programs at Cornell Cooperative Extension throughout the year.

In an effort to continue bringing research based knowledge to individuals and families in our communities, Cooperative Extension has prioritized the needs of the people in Chautauqua County to determine where energies need to be focused. In doing so, we have continued to improve our programs and provide the necessary resources and support needed to sustain farming and agribusinesses, promote positive youth development, and improve individual and family life. In reviewing this report you will be amazed at the diversity and quality of programming we are able to offer. As we continue to grow and develop, we will expand on programming and offer new opportunities. If you ever have questions or suggestions for programming we will be happy to discuss them with you. The support and commitment from the Community has helped CCE grow in Chautauqua County for over 200 years and we are looking forward to meeting the needs of the Community for many more years to come.

We thank all of our many volunteers for the thousands of hours of their time they offer to make our programs possible and successful. Cornell Cooperative Extension could not operate without them.

Finally, we thank the members of the Chautauqua County Legislature for their continued support of our local association. We appreciate the difficulty county officials have faced in recent years in funding local programs in a climate of economic uncertainty.

We hope you will enjoy this report which highlights our accomplishments during 2015.



Greg White
Board President



Emily Reynolds
Executive Director

*“Building strong and vibrant New York communities through
research-based educational programs.”*

2015 Board of Directors

Greg White, President
Ted Card, Vice President
Tim Black, Treasurer

Sarah Nickerson	Sharon Reed	Mark Woolley
Jeff O'Brien	Breeanne Agett	Max J. Martin
Dr. Paul Holley	Tom Hockran	Eric Legters

Legislative Representatives

John Hemmer and Elisabeth Rankin

Extension Specialist

Peter Landre

Agricultural Program Committee

Adam Abers	Lindsay Eckman	Ted Card
David Gustafson	George Haffenden	Thom Betts
Sara Moss	Greg White	

4-H Program Committee

Mark Woolley	Marv Johnson	Jeff O'Brien
Jan Schauman	Fran Hockran	Cheryl Smith
Mike Jabot	Tina Walters	

2015 Chautauqua County Staff

Emily Reynolds—Executive Director
Lisa Kempisty—Dairy/Livestock Educator
Katelyn Walley-Stoll—Farm Business Educator
Kate Ewer— 4-H Educator
Iris Ruiz— EFNEP Educator
Lisette Cabrera—4-H Administrative Assistant
Lucia Conti—Administrative Assistant
Darcy Cramer— Finance Administrator

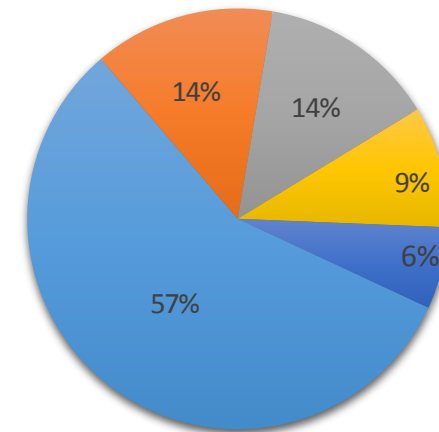
Lake Erie Regional Grape Team

Tim Weigle—Team Leader
Andy Muza—Viticulture and Pest Management
Luke Haggerty—Viticulture
Kevin Martin—Business Management
Kate Robinson—Administrative Assistant

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2015 Sources of Financial Support



■ Chautauqua County Contracts	\$359,510.00
■ State Funding	\$ 88,123.00
■ Grants	\$86,277.90
■ Federal Funding	\$59,175.40
■ Participation	\$39,882.70

* County Contracts includes the WIC program that was administered through CCE for 5 months, and the Solid Waste Education Contract that was administered through CCE for 7 months

Agriculture

Chautauqua County is home to more than 1,500 farms that produce \$161 million worth of agricultural products, making it the county's largest industry. For every one dollar of income created by the agricultural industry, \$2.29 is generated in the local community. Cornell Cooperative Extension helps to increase the profitability and sustainability of this industry through extensive programming, consultations, and public outreach.

Dairy and Livestock Management Program

To remain competitive, dairy and livestock producers need to stay informed with the most current management information and adopt technologies that positively impact the productivity and profitability of their agricultural businesses. Our program offers various educational programs to meet the needs of dairy and livestock farm managers, their family members and farm employees.



The Farm Business Management Program

The Farm Business Management Program aims to support our county's farms through financial management, support to beginning farmers, public outreach, local food marketing avenues, updates to the Ag Districts and the Farmland Protection Plan, and much more.

Cabhi Farm, owned and operated by the White Family from Clymer, NY, participates in the Dairy Profit Team and Dairy Acceleration programs with Cornell Cooperative Extension of Chautauqua County, which assists their family as they continue to improve and grow their business for future generations.

Partnerships

The Agricultural Program is successful in part by the organizations and partnerships that help strengthen our programming. These are just a few of the organizations that we work with:

- Agriculture Enrollees
- Ag Program Committee
- Agribusinesses & Service Organizations
- Area Schools and Institutions
- Chautauqua County Health Network
- Chautauqua Produce Auction
- Chautauqua Visitors Bureau
- Cornell Small Farms Program
- County Health Department
- County Executive & Legislators
- County Planning Department
- Erie 2 BOCES
- Farm Bureau
- Farmers Market Managers
- Farmland Protection Board
- Growing Food Connections
- Media One Radio Group
- NOFA-NY
- Regional Extension Offices
- Small Business Development Center
- Soil and Water Conservation District
- Southern Tier West
- US Department of Agriculture
- And Many More!

Agriculture

Agricultural Programs



Dairy Profit Teams

These dairy farm advisory teams include the farm owner, family members involved in the farm business, farm employees and agribusiness representatives. The goal is to discuss topics of interest to the dairy farm owner to provide input to improve production, profitability and family/employee communication. CCE assisted ten farm businesses, serving as facilitator of their profit team. Farms benefit greatly from these discussions which provide them with new ideas and recommendations from a team of industry professionals.

Dairy Acceleration Program

The Dairy Acceleration Program assists dairy farm families in planning for profitable and environmentally responsible growth of their dairy farm business. CCE currently works with 16 dairy farms as the facilitator for this program which provides cost share funding to assist farms with eligible projects. Projects include developing business plans - focusing on growth of the business, design of new or remodeled facilities, development of environmental and farmstead plans,

and the design of best management practices associated with a farm's Certified Nutrient Management Plan (CNMP). This program involves communication, with and assistance from, various agricultural business representatives who provide technical assistance to accomplish the farm's projects.

Dairy Farm Business Summaries

Farms in New York State were provided the opportunity to complete the Dairy Farm Business Summary (DFBS) analysis for 2014. Dairy farm managers throughout the state have been participating in Cornell Cooperative Extension's and Cornell University's Dyson School of Applied Economics and Management's farm business summary and analysis program since the early 1950's. The primary objective of the DFBS is to help farm managers improve the business and financial management of their business through appropriate use of historical data and the application of modern farm business analysis techniques. Managers of each participating farm business receive a comprehensive summary and analysis of their farm business. They can then benchmark their farm's financial information against other farms of similar sizes and operations across the state. Using this comparison tool, farms are able to identify both strengths and weaknesses of their business.

Milk Margin Protection Program

Dairy Prices are cyclic and volatile. CCE staff worked to educate our local dairy farmers about the new management tool, Milk Margin Protection Program, and provide support to area farmers looking to join the program through presentations, meetings, and individual consultations.

Individual Consultations

Some of the most effective work the Agricultural Program Staff does is through individual and group consultations. Through over 350 one-on-one conversations about topics such as: soil sampling, financial analysis, budgeting, starting a farm, livestock issues, land leases, employee management, and animal production management, farms are able to test ideas for soundness, learn new information about issues they are experiencing, and have access to research based information and staff skills and knowledge.

Agriculture

Agricultural Programs Continued...

Recycling Agricultural Plastics Program (RAPP)

Cornell Cooperative Extension of Chautauqua County is facilitating the RAPP program in cooperation with the Chautauqua County Soil & Water Conservation Service. The program educates agricultural producers on the best management practices for handling agricultural plastics for recycling and assists in baling the plastics to be transported for recycling into other usable products. This program is resulting in less agricultural plastics being improperly disposed of or buried in the local landfill.



Farm to Table

CCE is currently developing an up-to-date, comprehensive Farm-To-Table Website Directory. An intake form was developed with assistance from the Chautauqua County Health Network, that will assist in listing Farms, Greenhouses, B&B's, Restaurants, and Institutions. This website is a platform to connect consumers and farmers using a central, easily accessible location that will be controlled, updated annually, and maintained. The Farm-To-Table site will be Chautauqua County specific, and will list buyers – making it easier for businesses to promote and purchase local foods. Our eventual goal in addition to the website, dependent upon funding, is to print a Local Food Guide that can be distributed county-wide. The Farm-To-Table website will be a place where local farms can advertise their business and products, area food service organizations can secure locally produced products, and consumers can find a reliable source of information for farms and businesses that work with local foods.



Growing Food Connections

The Growing Food Connections (GFC) initiative is funded through a grant from the United States Department of Agriculture (USDA)/ National Institute of Food and Agriculture (NIFA) Food System's Program. The initiative is designed to help local governments create plans, policies, partnerships, and public investments that will strengthen their food systems and better support underserved residents and farmers. In February, Chautauqua County was named as a Community of Opportunity in the GFC initiative, which made it one of eight communities across the nation and the only community in New York State to participate in the program. CCE works in partnership with the Chautauqua County Health Network, to lead the Steering Committee that meets monthly. The committee's goal is to identify effective policy change, to help increase farm sustainability and access to locally produced, healthy, affordable food.

Farm to School

We work with area schools through the Farm to School program, through which cafeteria staff are encouraged to purchase and prepare foods grown on local farms to increase lunch nutrition and interest in purchasing school lunches. This improves profitability of local farms, and the nutritional value of area school lunches. There are currently 3 schools actively purchasing local foods, including Jamestown Public School that purchased over 1500 pounds of potatoes this year from an area farm. There are at least 9 schools listed on the Farm to Table directory, who all have an interest in purchasing local foods.

Maple Promotion Day

The Maple Producers Association of the Chautauqua Region and CCE facilitated the Maple Promotion Day on Steward's Dairy Farm in Kennedy. This program links maple producers, increases community awareness of county Maple Production and connects local, state and federal government representatives with our diverse agriculture programming.

Agriculture



Agricultural Programs Continued...

Farmers Markets

There are currently 9 Farmers Markets in the county, and CCE helps to provide managers with the support they need to be successful, as well as serving as a link between markets and farmers. We also help to promote our local Farmers Markets to consumers. Farmers Markets represent a huge part of Chautauqua County's Agricultural industry. The markets are a great resource and source of economic development for our county's consumers and farmers. The collaborative design also allows consumers to really see where their food comes from, and gives farmers the opportunity to tell their stories to consumers.

Ag Districting/Farmland Protection Plan

CCE Staff is working closely with the County Planning Department to update the county's Farmland Protection Plan and to undergo the Ag District Review Process. Currently in the planning stages, re-districting work will begin before the end of 2015. An Ag Forum is also planned for November to help determine the future of Agricultural Programming in the county.



Community Kitchen

Cornell Cooperative Extension of Chautauqua County assisted in the community needs assessment for a Chautauqua County Shared-Use Kitchen by developing a survey in conjunction with a group of interested Jamestown citizens. The survey had over 70 responses. A shared use community kitchen would be a place where local residents, entrepreneurs, caterers, and instructors could prepare and process their food products or hold cooking classes, demonstrations, and food-related community events. The survey provided information necessary for determining the specific type of kitchen that is needed, what kind of users are interested, what equipment is needed, and where it should be located.



Beef Field Day

Beef Field Day programs provide beef cattle producers an opportunity to visit other farms and learn new information on properly managing and marketing beef cattle, focusing on the Beef Quality Assurance Program. This year CCE facilitated two hands on educational Beef Field Day workshops hosted by local beef producers. These educational programs provide an opportunity for networking among the agricultural producers and information to assist them in producing wholesome and safe beef and beef products for consumers.



CDL Training Course

CCE organized a Commercial Driver's License Training program for agricultural producers and farm employees. This partnership with E2CCBoces resulted in 16 participants successfully completing the program, receiving new skills and becoming licensed Commercial Drivers to work safely within the Agricultural Industry.

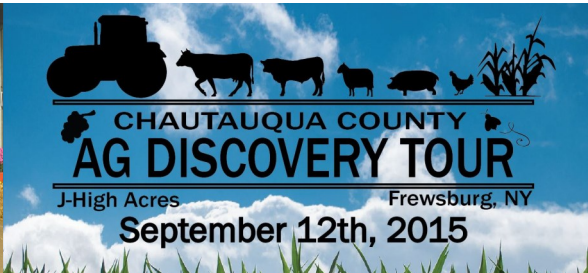
Agriculture

Special Events

Events like these help to increase public awareness of agricultural for all ages. We hope you enjoyed at least one of our special events this year!

Ag Literacy Week

In celebration of National Agriculture Week (March 16th – 20th), area elementary students were able to participate in the tenth annual New York Agricultural Literacy Week coordinated by CCE. This year, over 2,500 first, second, and third graders at 28 different schools and locations in Chautauqua County enjoyed the reading of a book entitled “Weaving the Rainbow” by George Ella Lyon. Thank you to our generous book sponsors and volunteer readers!



Ag Discovery Tour

In an effort to better educate the public about Chautauqua County agriculture and the positive impact the dairy industry has on our rural area, on Saturday, September 12, CCE, with donations from area agribusinesses, held the Ag Discovery Tour at J-High Acres, owned and operated by the Jones Family, in Frewsburg, NY. Although it was a rainy day, the event was well attended by over 500 people who came to learn more about dairy farming and agriculture in Chautauqua County. Attendees were

able to go on a guided walking tour led by our county’s agricultural business representatives. The tour stops included the milking parlor, the cow barn with a talk on feeding and housing, the farm machinery station, and the calf barn – by far the favorite for visitors. At the conclusion of the tour, visitors enjoyed free milk and cheese and participants enjoyed educational displays, children’s activities, a petting zoo, and vendor booths.



Pasture Walks

On May 12, at our Spring pasture walk, 30 dairy and livestock producers gathered to learn about rotational grazing and management techniques at Murphy’s Grass Farm in Sherman. Attendees were able to walk through the lush grass and clover pastures, learn about the history and management of the Murphy farm, as well as their efforts with organic production and grazing strategies. There were also opportunities for networking among the farm businesses in attendance.



4-H Conservation Field Days

In May, Agricultural staff assisted with the 4-H Youth Development Conservation Field Days event, teaching approximately 200 youth about dairy farming and environmental stewardship, aided by a calf from Country-Ayre Farms.

School to Farm Field Trip

This year, 80 elementary students learned about dairy farming and agriculture at a school-to-farm field trip at Ormond Dairy Farm.

Agriculture

Agriculture in the Media

Educating consumers about agriculture through research based information is a passion of our agriculture program. Through these newsletters, radio announcements, press releases, social media, media interviews, and public appearances, CCE can be the voice for our area farmers by increasing public awareness and encouraging consumers to purchase local products.

Community Connections Newsletter

CCE of Chautauqua County has developed a semi-monthly fact sheet addressing consumer concerns about hot topics, producer talking points, and tips on promoting the agricultural industry, your family business, and the safety of the wholesome products produced here in Chautauqua County. The Community Connection is published in Ag News and is coordinated with a public press release on the same topic, including GMO's and Antibiotics in Milk.

Dairy Market Watch Newsletter

The Farm Business Management Program produces a monthly publication that is sent via postal service to our area dairy farms and across the state via Pro-Dairy and Farm Management List Serves designed to keep farms up to date on current milk prices and trends, industry news, and future projections for business planning. This is published in newsletters across the state.

Agricultural Newsletter

The Chautauqua County Agricultural News is a monthly newsletter that is distributed to our Agriculture Program enrollees and supporters that includes educational articles written by staff and Ag Professionals and information about upcoming programs and events.

Small Berry Newsletter

A semi-monthly publication that is produced by state staff to bring management information, disease prevention, and marketing tips to berry producers in our county, helping CCE connect to our diversified farming community.

Educational Radio Spots

In conjunction with Media One Broadcasting, CCE produces educational radio briefs about agricultural topics, this year 65+ radio spots were recorded and aired weekly.

Press releases

This year 19 press releases, educating and informing the public of Chautauqua County Agriculture, were released to media sources, and were published in local papers, regional newsletters and national websites.

Social Media Campaign

30+ agriculture related social media announcements were released, reaching over 2,000 community members.

What's New for 2016...

The Agricultural Program is always evolving, based upon the interests and needs of the community. 2016 highlights will include:

- Beginning Farmer Curriculum that is comprehensive and standardized
- Farm-To-Table Website completion, local guide printing, and possible app development
- Cornell PRO-DAIRY Winter Management Program
- L.E.A.F. (Learn. Empower. Achieve. Farm) Agricultural Education Workshop series
- Partnership with the Cornell Vegetable Program to better serve our producers
- "Meet your Farmer" series
- Electronic Data Updates
- Dairy Discussion Groups
- Increase CDL class accessibility
- Farm Diversification Support
- Young Farmer Outreach Programs
- Agricultural Risk Management Workshops
- And much more!

Lake Erie Regional Grape

Founded in 1992, this collaborative effort, involving Cornell and Penn State Universities, County Extension Associations (Chautauqua, Cattaraugus and Niagara Counties in New York and Erie County in Pennsylvania) and Lake Erie Juice and Wine Grape Processors, conducts extension education programming as well as applied research and demonstration projects throughout the 30,000 acres of grapes located in the Lake Erie Region of New York and Pennsylvania.



Ted Taft bin tends during the Delaware harvest.

Major Activities

Meetings

A total of 1,005 grape growers and members of the Lake Erie grape industry participated in 26 LERGP educational events during the 2015 growing season. These events included weekly Coffee Pot meetings (17), Hops Conferences (2), CORE Pesticide Training, Winter Grape Grower Conference, Twilight meetings (2), New Grower Workshop, Farm Credit, Farm Bureau, and Gravel Pit Park in North East, PA.

Implementing Research-Based Practices

Members of the LERGP Extension Team provided phone, office, and our on-site consultations on topics including: IPM, business management and viticulture practices to 1,217 growers. In addition, the team conducted implementation and applied research projects in the commercial vineyards of 47 cooperating growers.

Highlights

Coffee Pot Survey

A survey of 161 growers who attended Coffee Pot meetings in 2015 was taken to help the LERGP team identify effectiveness, interest, and awareness of

Survey Highlights include:

- 80% of Growers report an understanding of cash flow. Growers reporting not understanding their cash flow situation decreased throughout the year. By the end of coffee pot meetings 70% were not concerned about medium term cash flow issues.
- Over 60% of growers carry recommended levels of crop insurance to manage weather related risks.
- Almost 70% of growers use NEWA and report a savings of \$1 - \$25 per acre.
- Only 29% of growers have recent experience in cover crops. 30% are interested in using cover crops.
- 63% of growers used Extension information to assess 2015 freeze damage and modify their viticulture plan. As recommended by extension, 36% of growers used Extension information to conduct their own on-farm assessment of bud survival.
- 75% of growers report that production practice costs and grape market updates is critical to their operation given current challenges. Coffee Pot meetings, crop updates and newsletters focused heavily on these issues in 2015.

Lake Erie Regional Grape

programming provided.

Highlights continued...



Scott Ebert measures soil compaction in a Concord vineyard with a cover crop planted in the row center. The cover crop mix consists of buckwheat, tillable radish, triticale, and crimson clover.

Cover Crops

Lake Erie Regional Grape Program (LERGP) applied for, and was awarded, a grant from the New York Farm Viability Institute to study the effect of cover crops in Concord vineyards. The project will measure how different cover crop mixes affect soil health and vineyard productivity over the next two years. To do this we are teaming up with area growers currently using cover crops to measure the possible benefits. The focus is to collect physical, chemical, and biological data that assesses soil compaction, vine size, and noxious weed suppression. The objective of this research is to identify cover crop mixes that offer economically and environmentally sustainable solutions to allow growers to improve soil health.

Grape Rootworm

In response to the reemergence of a pest, once considered to be the primary pest of grapes grown in the eastern United States, two replicated spray trials using 4 insecticides currently registered for use on grapes in New York State were conducted by NYS IPM Program and LERGP staff in conjunction with Greg Loeb, Professor, Department of Entomology, NYSAES in grower vineyards in the Lake Erie region. The materials in these trials were chosen in part due to their mode of action being different from the single material currently labeled for grape rootworm. This helps to ensure that materials will be available for use in a resistance management program, with the result being all the materials being effective against the pest for a much



Josh Tolman and Anna Long scout for grape root worm in a Concord Vineyard.

LERGP in the Media

- 2015 New York and Pennsylvania Pest Management Guidelines for Grapes.
- Lake Erie Regional Grape Program website <http://lergp.cce.cornell.edu/>.
- The Crop Update – Weekly e-newsletter published by the LERGP extension team.
- Lake Erie Vineyard Notes – newsletter published by LERGP extension team.
- Press Releases – semimonthly articles sent to area newspapers (13).
- Veraison to Harvest Newsletter – weekly harvest newsletter involving all statewide and regional grape extension teams.

Master Gardeners



Enhancing The Community: One Trowel at a Time

Master Gardener volunteers are a key link to helping Cornell Cooperative Extension accomplish its mission ...to enable people to improve their lives and communities through partnerships that put experience and research knowledge to work...

by providing horticultural programs and resources that will educate home gardeners, youth, community gardeners, consumers of horticultural products, and neighbors teaching neighbors.

The Help Desk

Open every Wednesday from 1-3pm
late March—September

- 45 walk-in people with questions
- 106 phone calls
- 20 e-mails and electronic correspondences
- 13 miscellaneous non-documented responses

Total **184 total responses** to questions
Included 26 soil tests for pH



Type of Activity	Hours	# of Contacts
Providing Gardening Advice	247.25	591
Clinics /Teaching Gardening Techniques	566.75	2,724
Community Gardens	545.5	1,309
Public Relations	160.5	605
Fundraising	124.5	348
Meetings	477.25	317
Administration	99.25	6
Continuing Education	324.5	570
Additional Service Hours	9.75	40
TOTALS	2,555.5	6,510

Master Gardeners

Master Gardener's Trowel Talks A Community Garden Workshop Series 2015 March– April

Container Gardening

Organic Gardening

Reliable Native Plants

Edible Plants and Weeds

Location: Lakewood Library

Garden Photography

Adaptive Gardening

Location: Frewsburg Library

Good Bugs, Bad Bugs in the Garden

Organic Gardening

Inviting Wildlife into the Garden

Location: Prendergast Library

Propagating Houseplants

Pressed Flowers

Fighting Late Blight and Other Tomato Diseases

Location: Mayville Library



Events and Activities

2015 Gardens & Landscapes Day

Hosted by Cornell Cooperative Extension of Chautauqua County Master Gardeners & Jamestown Community College's Continuing Education Department took place on Saturday, March 7, 2015 at Jamestown Community College, Carnahan Building.

Fairy House Workshop Scheduled

A make and take Fairy House Workshop held on Saturday, January 31st from 10 AM - 12PM. Master Gardener Volunteer, Connie Dutcher led the workshop with each participant creating their very own nature-inspired, Fairy House to take home to enjoy.

Conservation Field Day

A 4-H Youth Development Program was held in May and the Master Gardeners hosted the Journey of a Water Drop station, educating youth about the water cycle.

Fall Gardens and Landscape Day

Held on Saturday, September 19th in the Chapel on the Lutheran Campus at 715 Falconer St. in Jamestown. This seminar was part of the Best of Times series is presented by both Edgewood Communities at Lutheran and the Cornell Cooperative Extension of Chautauqua County Master Gardener (MG) Program.



Press releases:

Butterfly Gardening: A Basic How-To
Evening in the Garden (6)

Keeping Your Garden Greens Happy

The Art of Pruning

Fairy House Workshop

Fall Garden and Landscape Day

Help Desk Open

Plant Sale

Seed Selection

Trowel Talk



Annual Help Desk

Open March– September at the Frank Bratt Agricultural Center every Wednesday afternoon from 1 to 3 pm to assist you with gardening questions.

5th Annual Plant Sale

Saturday, May 9, 2015 at the Frank W. Bratt Agricultural Center to raise funds for the Cornell Cooperative Extension Chautauqua County Master Gardener Program.

Evenings in the Garden

Held at 6 p.m. on the third Wednesday of each month May– September, at the demonstration garden area at the Franklin Bratt Agricultural Center.

4-H Youth Development

Chautauqua County 4-H enriched the lives of over 1,500 Chautauqua County youth this year. Nearly 400 youth were enrolled in one or more of the nine animal projects and 24 local clubs. 4-H youth are makers, doers, and leaders. Within their clubs and projects they complete community service, learn valuable life skills, responsibility, public speaking skills, and more.



Local 4-H Clubs

4-H is proud to give residents countywide easy access to programming with 25 clubs led by 4-H volunteers. Clubs meet from Harmony to Hanover, and nearly all the townships in between. At the club level, youth learn useful skills such as woodworking, record keeping, sewing, cooking, creative crafts, participate in community service, public speaking, and more. Club volunteers teach youth the 4-H pledge and encourage youth to use the 4 “H’s” in 4-H (head, hands, heart, and health) to make their communities a better place.



4-H Adult Volunteers

Currently Chautauqua County 4-H has nearly 175 registered volunteers. Volunteers are the lifeblood of our organization and lead animal projects, clubs, and life skills projects. Our volunteers set a positive example for youth in our program and many youth will attest to the positive impact a 4-H volunteer has had on their life. We estimate that each of our volunteers give on average 50 hours a year of service to projects and clubs. That’s 8,750 hours a year!



Melinda Waag and Joyce Wiltsie modeled their sewing projects at State Fair.

New 4-H Staff

4-H Youth Development welcomed Kate Ewer in July to fill the Community Educator position. Kate is a recent graduate of the State of New York at Cobleskill with a B.S. in Agriculture Business Management. A Chautauqua County 4-H Alumni, Kate was a Busti Shamrock and participated in the Goat Program for 10 years. Welcome, Kate!



4-H Youth Development

Activities and Events

National 4-H Week

Chautauqua County celebrated National 4-H Week October 5th-10th with our annual fall fundraiser. This year we sold snacks and candy from the Basket Company. Clubs showcased 4-H throughout the community by decorating local business' windows.



Braden Lesch was selected to exhibit his presentation on Animal Intelligence at the New York State Public Presentation display.

Have a Heart for 4-H Benefit Dinner: A Green Tie Affair

The annual 4-H Benefit dinner, held on February 22, 2015, was a success. Over 1,000 4-H'ers, volunteers, and over 1,200 community members participated in some facet to make it a great evening. The always successful basket raffle took place as well as a live pie auction. Overall \$25,000 was raised and added to the Endowment Fund held at the Community Foundation.



4-H'ers serve dinner at the Green Tie Affair held on February 22nd

Public Presentations

The Annual Public Presentation day was held at Cassadaga Valley Central School on March 7, 2015. 104 youth participated on a variety of topics. Seven youth were selected for the Western District competition, four youth selected for the brand new State Fair presentation display.

Style Revue

The Family and Consumer Science volunteers organize the annual style revue. Youth had the opportunity to showcase the hard work that they put

into their sewing projects each year. This year it was held at the Park United Methodist church. Fourteen youth were selected to participate at the Western District Competition in Orleans County and three youth were selected to model their projects at State Fair. Special thanks to the Country Critters for hosting Style Revue this year.

Tractor Safety Course

10 youth became certified tractor operators, through the Tractor and Farm Machinery Safety Course this year. The course incorporates both classroom work (including homework!) as well as hands-on learning to ensure youth gain a full understanding of the importance of tractor safety. Dennis Wright, a volunteer from Hewe's BOCES taught the course, and local volunteer dealerships helped with the driving portions.



2015 Style Revue participants.

4-H Youth Development

Activities and Events continued...

Conservation Field Days

1,028 fifth graders across Chautauqua Counties participated in the 49th Annual Conservation Field days event in May. Youth discovered new career opportunities, learned how to make healthier life decisions, and learned new facts and skills related to conservation. Youth toured seven stations out of 35 and were able to interact with professionals in the conservation field.

Chautauqua County Fair

The 2015 Chautauqua County 4-H Fair theme was "4-H is Your Ticket To Success." This year 300 youth participated in one or more of the 9 animal projects with nearly that many youth entering exhibits in the 4-H Youth Building. Teen Ambassadors started off the week hosting the Legislature Tour for local representatives. The 4-H Youth Building showcased 2,200 club booth projects ranging from horticulture to creative crafts to recycled and upcycled projects. 40 exemplary exhibits were selected for display at State Fair.

The 4-H Meat Animal Sale

The Meat Animal Sale had record participation numbers with 30 steers, 11 meat goats, 18 pairs of market birds, 52 lambs and 76 hogs. 158 families and local businesses supported the Meat Animal Sale this year. The total sale grossed \$200,000 of which \$188,000 was returned to the youth for their efforts.

New York State Fair

Youth from Chautauqua County exhibited horses, dogs, sheep, swine, and dairy cows at the 2015 Great New York State Fair. Livestock Judging and Livestock Skill-a-thon teams from the county placed at the top of their divisions. Branden Decker was selected for the New York State Livestock Judging team and will be traveling to the National 4-H Livestock Judging competition in Louisville, Kentucky later this year.



The Fun Show at the Chautauqua County Fair is one of the highlights of the week.



Projects on display at The New York State Fair.



Area 5th graders learn about trapping from local expert Brandon Fain.



Chautauqua County's first Quad Team at NEW York State Fair

4-H Youth Development

Pheasant Rearing

Chautauqua County 4-H partnered with the New York State Department of Environmental Conservation to offer a Ring-necked pheasant rearing program. 350 day old pheasants chicks were delivered to the Extension office in June. 4-H families then raised and released the chicks in October. We are happy to partner with the DEC because rearing pheasants is a unique project that encourages youth to take part in conservation activities and teaches responsibility. Conservation is one of the many different project areas available to 4-H'ers in our county and we hope to continue to partner with the DEC so that pheasant rearing programming is available to youth in the future.



One Day Old Pheasant Chicks



Community Partner



South County Science Explorers tour Cummins Engine Plant.

United Way Funding Creates STEM Programming

The United Way of Southern Chautauqua County granted \$4,200 towards science, technology, engineering, and math programming in Chautauqua County in the fall of 2014. The Science Explorers program is the result of that funding. Science Explorers targets youth who are not current 4-H participants in the south county ages 13-19. These youth visit different businesses and agencies that employ people with degrees in the STEM fields. The first session in the spring of 2015 hosted 15 youth from the Eastside YMCA. Many youth remarked that they would not have had the opportunity to visit interesting business like Cummins Engine Plant or the Chautauqua County Landfill without a program like Science Explorers. Thanks to continued funding, Science Explorers will continue for two more sessions in the fall of 2015 and the spring of 2016.



4-H Youth Participate in a Hog Show.

Animal Project Participant Fast Facts:

Beef: 33 youth	Dairy: 52 youth
Dog: 10 youth	Goat: 24 youth
Hog: 76 youth	Horse: 34 youth
Sheep: 50 youth	Rabbit: 34 youth
	Poultry: 25 youth

Expanded Food and Nutrition Education

*The EFNEP program assists low income families and youth to improve their health. The program teaches ways to:
Eat more fruits and vegetables, drink fewer sweetened beverages, maintain a healthy weight, and be physically active.*

Programs that have participated with the EFNEP program this year:

MOM'S program CCHD 319 Central Ave. Dunkirk, NY 14048
Child Protective Service 319 Central Ave. Dunkirk, NY 14048
The Resource Center East Second St. Jamestown, NY 14701
Foster Care CCDSS 319 Central Ave. Dunkirk, NY 14048
East Side YMCA 727 E. 2nd Jamestown, NY 14701
Mental Health 31 Water St. Jamestown, NY 14701
Erie 2 BOCES and the Family Learning Center -31 Water St. Jamestown, NY 14701

New groups starting soon with single fathers (Family Court) and ESL at the Erie 2 BOCES



Healthy Food, Healthy Families
EFNEP
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM

Outreach

Health Fair WIC Office Gowanda, NY Aug. 25th
Farmer Market Days WIC office Dunkirk held June 3rd
Noeplace East Second St. Jamestown March 20th
Noeplace East Second St. Jamestown, NY "After School Snack Party" held on September 17th

Trainings

Choose Health Fun and Fitness Held in Herkimer County
"Meat your Beef" Herefeld Farms, Medina , NY
HCHF Healthy children/Healthy families held in Ithaca, NY August 12, 13 & 14th
FAB Training (Finding a Balance (Diabetes) held in Batavia, NY September 23rd
Fall Conference: Hamilton, NY October 27th & 28th



EFNEP Nutrition Class. Teaching/preparing a meal with a group at the East Side YMCA.

Expanded Food and Nutrition Education



Noeplace Event “After School Snack Party” held on September 17, 2015

We made healthy snacks for the children and families in the community. It was done after school, so we could interact with the children as they came home from school. We handed out apples, peaches, cheese, grapes, water, pretzels and apple sauce to the participants.

Left to right: Iris Ruiz EFNEP Nutrition Educator CCE, Shelly Wells CCHN, Christina Marsh- CASA, Stephanie Caputo Chautauqua Center, Brooke Barone NOEP.

Highlights

Making Peanut Butter Energy Balls in a bag at the East Side Y with an ESL Group



Ingredients:

- ¼ cup reduced fat Peanut butter
- ¼ cup honey
- ½ cup dry powdered nonfat milk
- 1 ½ cups corn flakes cereal

Directions:

- Mix peanut butter, honey and powdered mix until no clumps are present.
- Mix in 1 cup of corn flakes until evenly distributed.
- Roll into 8 ping-pong size balls.
- Crush remainder of corn flakes in a bowl
- Roll balls in corn flakes to coat outside of balls
- Place balls in Plastic wrap or air tight containers.
- Refrigerate if you want them chewy. Store at room temperature if you want them softer.
- Yields about 8 servings.

Nutrition Facts	
Serving Size 1 ball (1.0 ounces)	
Servings Per Recipe 8	
Amount Per Serving	
Calories	110
Calories from Fat	25
% Daily Value *	
Total Fat	2.5g
Saturated Fat	0.5g
Trans Fat	0g
Cholesterol	0
Sodium	105mg
Total Carbohydrate	18g
Dietary Fiber	1g
Sugars	12g
Protein 4g	
Vitamin A	4%
Vitamin C	2%
Calcium	6%
Iron	10%
* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.	
Total Fat	Less than 65g
Saturated Fat	Less than 20g
Cholesterol	Less than 300mg
Sodium	Less than 2,400mg
Total Carbohydrate	300g
Dietary Fiber	25g
22.7% calories from fat	

Program Achievements

- 65 Adults enrolled this program year.
- 38 Adults completed the classes and received their graduation certificate. This graduation certificate is given to each participant that completes 6-8 nutrition education classes.
- The total amount of lessons taught this program year was 311,
- Program totals were achieved for the year.
- Total number of adults needed for the Year: 50 (this goal was met and exceeded).
- Total number of adults needed to graduate for the year: 33 (this goal was met and exceeded).