Dear Friends of Extension,

Cornell Cooperative Extension of Ontario County is proud to present our Annual Report for 2016. The incredible work of our volunteers, participants and staff is highlighted throughout the report in the areas of Agriculture & Natural Resources, 4-H Youth Development, and Parenting. The Annual Report is being presented in a new format that highlights the impact of selected programs.

The Cornell Cooperative Extension system is a dynamic system that constantly matches land-grant system resources with individual, business, community, and county needs. Local Extension staff work to bring the vast resources available through Cornell University and the other land-grant universities to Ontario County. These universities along with the National Institute for Food and Agriculture, New York State government, and the Ontario County Board of Supervisors, work cooperatively to extend these research based resources beyond campus.

Collaborative efforts with our local government partners continue to expand. Cooperative Extension works with the Planning Department to provide education through the Household Hazardous Waste Collection Days and to support the work of the Agriculture Enhancement Board. The Department of Social Services contracts with Cooperative Extension to provide valuable Parenting Education programs. Our Agriculture and Natural Resources staff work with the Economic Development office to support the development of new agriculture businesses in the county. Numerous county departments and agencies support 4-H Camp Bristol Hills by identifying youth who can benefit from a summer camp experience and the Youth Bureau provides funding for our Young Men’s and Young Women’s Adventure Camps. The Board of Supervisors continues to be a critical supporter of Cooperative Extension by connecting our resources with the departments, agencies, and individuals to provide programs benefiting our residents.

The Cornell Cooperative Extension system and Cornell University provides the educational resources and training that provides the basis of our innovative programs. University Extension Associates, faculty, and graduate students not only provide on-campus training for our Extension Staff, they also deliver numerous programs directly to program participants. The NYS Agriculture Experiment Station in Geneva was a critical partner in developing the first annual Increasing the Agriculture Intellect of Finger Lakes Youth Day, along with other agencies including our local Cooperative Extension Association. Ontario County benefited from the work of four summer interns from Cornell University in our Agriculture & Natural Resources and 4-H Camp Programs.

Our Association would only be able to provide a small fraction of our programs without the dedicated service of our volunteers. Our Board of Directors and our Advisory Committee members provide the direction for our Association, Master Gardeners provide numerous educational programs to youth and adults, and our 4-H Leaders volunteer an incredible number of hours providing hands-on youth development opportunities. Our volunteers build upon an incredible staff who are seen as experts in their program areas not only in Ontario County, but throughout New York State.

Reach out to us if you have any questions regarding our 2016 Annual Report or if you have a need you feel Cooperative Extension could address. Thanks!

Sincerely,

Joanne Roe
President, Board of Directors

Timothy S. Davis
Executive Director

Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.
Agriculture and Natural Resources

Extension’s Agricultural and Natural Resources Impact

Cornell Cooperative Extension in Ontario County collaborates with Cornell University to bring leading technologies, resources, and information to the agricultural community of Ontario County. CCE Ontario Agriculture Team, in partnership with campus-based faculty and regional CCE specialists, creates useful and inclusive educational programs which focus on the current agricultural education needs of the community. As a result CCE Ontario has been an essential component and driving factor in improving agricultural production efficiency, food quality, and food safety. This results in better production practices and has a positive impact on the economic return for farmers; it also has a direct impact on the quality and safety of the food our community eats. As a trusted and respected resource in the Ontario County community, CCE Ontario makes a concerted effort to listen to community needs and interests, consistently tailoring programs to current wants and needs of community members. CCE Ontario also addresses substantial issues, such as environmental impacts of agricultural wastes, and strives to implement innovative programs to help farmers combat these issues in easy and effective ways.

Ontario County Master Gardeners

The Master Gardener volunteers are a critical component in extending knowledge about consumer horticulture within our county. There are currently 46 active Master Gardener volunteers in Ontario County. They volunteered 1920 hours, offered 17 programs that reached 1764 youth/adults and had direct contact with an estimated additional 1560 Ontario County residents. Each May, our volunteers host a popular Plant Sale to generate scholarship funds for eligible student awards at Finger Lakes Community College and 4-H Camp Bristol Hills. The action-oriented Inside Dirt newsletter is distributed to more than 128 subscribers and complimentary copies are provided to county supervisors, CCE Board of Directors, libraries and town halls throughout Ontario County. Inside Dirt, is packed each month with articles about homes and grounds.

Every day, the Agriculture and Natural Resources staff assist county residents with inquiries related to agricultural production, natural resources, marketing, local foods/food safety, consumer horticulture, well water and much more. Over 3828 individuals received consultations through telephone, email, and in person discussions.

Well Water Testing Program

Approximately 1,500 Ontario County residents have tested their private wells between 2001 and 2016 as part of a cost-share program funded through the Ontario County Water Resources Council. This initiative has provided an ongoing, consistent method for residents to get their well water tested at regular intervals.

When test results indicate a level of contaminants, residents receive remediation education from Cornell Cooperative Extension. The survey results are available to the county’s Planning and Research Department for inclusion in the Groundwater Information System (GIS), providing data that can aid in groundwater protection.

The 2016 project is still underway, as of November 5, 2016, 47 samples, surveys, and checks have been processed.
Our teammate, mentor, and friend Carol MacNeil retired from Cornell Cooperative Extension after 40 years of service.

After completing a B.A. in Biology and Education from SUNY-Buffalo and her M.S. in Vegetable Crops and Soils from Cornell University, Carol was hired by Cornell Cooperative Extension of Ontario County in 1976 as a vegetable extension agent. As one of the pioneering women in this position, she gained the respect of growers, faculty, and industry colleagues through her knowledge, hard work and sincere desire to improve vegetable production on local farms.

Carol’s responsibilities grew as she became part of the Ontario-Wayne-Yates-Steuben regional team, and then as a member of the 12-county Cornell Vegetable Program. Always seeing challenges and looking for ways to help, Carol led the way in many initiatives such as her recent focus on improved soil health, production and pest management of dry beans and potatoes, and improving growers’ ability to forecast and manage late blight disease.

Following her retirement, Carol’s duties have been divided amongst Cornell Vegetable Program team members, with the NYS Integrated Pest Management (IPM) program and Cornell Faculty assuming some of the research responsibilities.
Ontario County’s prosperous agricultural industry provides numerous jobs to our region, but many people, including students, are often not aware of the many career opportunities that exist in the field of agriculture. At the first annual Agriculture Youth Exploration Day, Cornell Cooperative Extension (CCE) Ontario County partnered with the Finger Lakes Workforce Investment Board to showcase some of the many skilled career paths in agriculture available locally.

Agriculture Youth Exploration Day took place at three Ontario County agriculture facilities on April 25, 2016: the New York State (NYS) Experiment Station in Geneva, the Finger Lakes Viticulture Center, and Spring Hope Farm. In addition to these three locations, 70 vendors exhibited information on agricultural careers and college programs to the 200 students who attended. Sixty volunteers, including six from CCE Ontario, led students on tours and shared their personal experiences of working in the agriculture industry.

Between the three event locations, students learned about a wide variety of agricultural career paths including food science, viticulture, veterinary science, engineering, and crop management. At the New York State Experiment Station students made canned pickles and apple cider to demonstrate food processing and food safety techniques. A hop harvester and wine bottling and lab equipment at the Finger Lakes Viticulture Center exposed students to several skill sets needed to work in New York’s beverage industry. Spring Hope Farm’s dairy operation included five stations that highlighted some of the many career options in the dairy industry including milk inspector, veterinarian, artificial insemination technician, crop manager, and nutrition specialist.

Student feedback from the event showed that 41 percent of students were significantly more likely to consider a career in agriculture after attending Agriculture Youth Exploration Day. Students enjoyed all the exhibits, especially the dairy farm. Over half of attendees listed the farm and the cows as their favorite part saying “[I liked] the birthing spot and talking about feeds and the vet jobs” and “I liked the animals and thought the facility was cool”.

Encouraging students to pursue a career in agriculture educates them about a field with growing demand for highly skilled jobs and helps recruit the next generation of trained workforce for farms. CCE Ontario will continue to partner with Ontario County agencies and organizations to make this event possible in the future.

Contributions from across the agricultural community made the Agriculture Youth Exploration Day possible. The New York State Agricultural Society provided funding for the event along with Farm Fresh First, Pactiv, Upstate Farms, Farm Credit East, Farm Bureau, Ontario County IDA, Wayne-Finger Lakes BOCES, Red Jacket Orchards, Workforce Development Institute, C&R Foods, and El-Vi Farms.
In this era of computers, laptops, smart phones, tablets, etc. youth are less likely to understand their environmental surroundings, let alone have firsthand experiences. Cornell Cooperative Extension in collaboration with Ontario County Soil and Water Conservation District held their 32nd Annual Conservation Field Days event on September 13 & 14, 2016 at 4-H Camp Bristol Hills. The event is open to all schools within Ontario County with focus on sixth graders. There are two trails each with eight educational stations. Students get to go on one trail and spend 20 – 25 minutes at each of the eight stations. This year we had 6 schools participate for a total of 522 students.

100% of the students who attend Conservation Field Days gain knowledge and a greater understanding, awareness, and appreciation of their natural surroundings. For many it is their first exposure and experience to many of the subject areas covered by the educational stations.

Lana wrote: “I loved learning about how birds migrate, what they build their nests out of, and what kind of seeds they like. Being outdoors was very refreshing.”

Aarin wrote: “I had a great time. I really liked when we got to learn about goats and pet them. Also, when we got to see how a plastic bottle can make legos. Last I liked was getting to see a huge leach with sharp teeth and a really squishy body.”

Piper wrote: “Thank you for teaching us first aid we really needed that.”

Xaviar wrote: “I really enjoyed the Oh Deer game and I also learned about how deer population died and what they needed to survive. I really enjoyed the Mastodon station because I got to see actual bones and learn more about the ice age.”

Jaden wrote: “I learned a lot while I was at that field trip. I got to catch fish, learn how to help someone if they are choking. I learned about goats and how you need a lot of tools for them and a lot more.”
Gwen wrote: “I really enjoyed the goats and being able to learn more about them than I probably ever would have! I also really liked the station *Wild About Birds*. I liked that station because learning about birds and what they need in order to live. Another station I liked was *Pond Life*. It was very fun when we got to look for cool things in the pond. It was also fun and funny to help Choking Charlie survive. I really enjoyed this field trip.”

As of 2012 there were 853 farms, totaling 192,616 acres; about 46% of Ontario County land is farm land.

**Of the 192,616 acres:**

- 43,000 acres were producing 4,122,000 bushels of corn.
- Ontario farmers planted 25,100 acres of soybeans, those acres yielded 1,035,000 bushels total.
- From 21,000 cows 450,500,000 lbs. of milk was produced.
- Wheat was planted on 9,500 acres and 492,000 bushels were produced off of that land.

This is just a small sampling of the many thank you letters written by the students who attended Conservation Field Days.

**Local staff:**
- **Russell Welser**, Senior Resource Educator/Agriculture Team Coordinator
- **Marie Anselm**, Senior Educator Agriculture Economic Development
- **Nancy Anderson**, Senior Administrative Assistant
The Cornell Vegetable Program (CVP), a CCE Regional Agriculture Team, has been a leader in improved soil health research and educational programs for vegetable producers. The Finger Lakes Soil Health Discussion Group was formed and facilitated by CVP specialist Carol MacNeil. The group met in December 2015 at Ed Hansen Farms in Stanley, NY where growers discussed various soil management practices. Growers with extensive use of cover crops or who used reduced tillage explained the benefits and methods to the group. Results of the 2015 Cornell Soil Health Testing on 26 WNY vegetable fields was presented, which showed the need for adoption of more good soil management practices like frequent cover crops, rotations including small grains and hay, use of manure, and use of reduced tillage.

The group also held an in-field meeting at Hemdale Farms in Seneca Castle, NY on August 18, 2016. The grower attendees ranged in experience from new adopters of reduced tillage and cover crops to long-time users. Growers viewed and learned about various reduced tillage equipment, including a deep tiller, and also a cover crop interseeder, for seeding into established corn or other late crops. Equipment for incorporating manure, while keeping reduced tillage in mind was also demonstrated. Cover crops options were presented and a new seeding of an oat/triticale cover/forage crop was viewed.
Since 2012, the Finger Lakes Teaching & Demonstration Vineyard has been operated and managed by the Finger Lakes Grape Program in partnership with Finger Lakes Community College’s Viticulture and Wine Technology Program. Prior to the development of the Teaching Vineyard, FLCC had to rely on vineyard owners to allow them to bring students to their farms to learn how to prune, collect soil and nutrient samples, monitor harvest progress, and many other ‘hands-on’ practices that are important for budding vineyard managers and winemakers to know.

In addition to its role as a teaching resource for the students, the Teaching Vineyard is also the source of all of the fruit used by FLCC students for their winemaking classes at the Viticulture and Wine Technology Center in Geneva. In the two years since the Center opened, the FLGP has provided over 12,000 pounds of fruit to the FLCC program, with a market value of over $10,000. The FLGP has also hired one FLCC student intern for each of the past 5 summers to learn about vineyard management by working at the Teaching Vineyard, as well as the work of Extension in support of the region’s grape and wine industry.

In August, 2016, FLCC entered several of the wines produced by its students, using fruit harvested from the Teaching Vineyard in 2015, in the New York Food & Wine Classic – the wine competition for all New York State wines. The FLCC program’s ‘Gather’ Dry Riesling wine was recognized as the best ‘Limited Production’ wine in New York State, which is not only a significant accolade for the FLCC Viticulture & Wine Technology Program, but also was an important opportunity for the students to see how the practices they learn in the vineyard and the winery can come together to produce an award-winning wine.

We are grateful to the Genesee Valley Regional Market Authority for funding the establishment of the Finger Lakes Teaching & Demonstration Vineyard.

The hot, dry summer of 2016 challenged farmers’ abilities to produce adequate quality forages. Farm business owners sought information regarding best management practices for harvesting, storing and feeding forages, and other best management practices that might help them achieve farm business objectives over the next several months.

For the September 2016 issue of AgFocus titled, “Working through the Drought of 2016,” team members researched and wrote on a variety of topics focusing on best management practices for conserving every ton of forage that could be harvested. Writers also addressed opportunities for producing additional forages.

Approximately 645 readers of the September 2016 issue of AgFocus learned about the following.

- Ways to tighten up management of harvest, storage and feed out to minimize feed shrink, including the possibility of covering trucks.
- Best management practices including: tips for assessing where you are now and expect to be with respect to forage inventories; suggestions for maintaining quality, including proper cutting heights; and others.
- Balancing livestock numbers with available feed supply.
- Growing winter cereals, for example, triticale, for spring harvest as forage.
- Fall 2016 corn silage price estimates that reflect scarcity of production relative to demand.

Resources were shared with NYS Department of Agriculture and Markets and highlighted in their recent Drought Resources guide, http://www.agriculture.ny.gov/Drought_Resource_Guide.pdf.
4-H Youth Development

The mission of the 4-H Youth Development Program is to create supportive learning environments in which diverse youth and adults reach their fullest potential as capable, competent, caring citizens. Youth in 4-H Programs range from five to nineteen years of age. In Ontario County the 4-H program priorities are Science, Technology, Engineering and Math (STEM); Workforce Development; and Positive Youth Development. There is a full range of delivery methods that includes: traditional 4-H clubs; a 4-H camp; after school programs in Geneva; school enrichment through Conservation Field Days and community outreach through workshops like Tractor Safety.

4-H Camp Bristol Hills offers an outdoor camping experience integrated with top rated educational programming. Summer camp extends several choices for camper participation that include: day, overnight and specialty camps. Educational classes included programs in outdoor adventure, nature and science, sports and creative arts as well as a continued focus on STEM (science, technology, engineering and math). Cornell University outreach continues to be a major component of the camp program during 2016 with Cornell interns based at camp during the summer.

Staffing:
Tim Davis, Executive Director/4-H Youth Issue Leader/ Camp Administrator; Jim Hooper, Resource Educator; Jennifer Jensen, Resource Educator; Amy Morrisey, Program Educator; Ellen Martin, Administrative Assistant Camp; Susan Angell Administrative Assistant 4-H Club Matty Brooks, North Street School 4-H Coordinator; Pat Blakeslee, West Street School 4-H Coordinator; Alex Jo, Summer Camp Director; Anne Lahr, Parenting Skills Workshop Educator; Dawn Dufresne, Parenting Skills Workshop Educator; Robert McCarthy, Parenting Skills Workshop Educator; Pat Owens, Parenting Skills Workshop Educator

BY THE NUMBERS

Total 4-H Clubs: 44
Total 4-H Members: 224
Number of youth in 4-H After School Programs: 90
Number of youth attended 4-H Camp Bristol Hills 2016: 1002
Number of Volunteer Hours: 6,612

In 2016, 4-H youth projects involved horticulture, food and nutrition, geospatial science, science, textile, robotics, rocketry, woodworking and animal science. Hallmark educational events of the 4-H Club Program include Harvest Food Fest, Public Presentations, Tractor Safety, the Ontario County Fair and the New York State Fair.
A Year in the Life of Extension

Students from local schools participate in Conservation Field Days, sponsored by CCE Ontario and the Ontario County Soil and Water Conservation District, hosted at 4-H Camp Bristol Hills.

Over 1000 youth attend 4-H Camp Bristol Hills, one of nine such 4-H Camps across New York, enjoying a traditional outdoor camp experience under the guidance of positive adult role models.

4-H Youth members attend the Penn State 4-H Poultry Conference with the support of the Rice Foundation at Cornell University.
Master Gardners work with 4-H Youth on a variety of projects throughout the year, including container gardening, hypertufa, and Lego terrarium projects.

Beef producers discuss pasture management practices during drought conditions with Cornell Beef Cattle and Small Farms Specialists during a pasture walk.

Master Gardners host the annual Plant Sale as a fundraiser at the CCE office in Canandaigua.

Finger Lakes Youth participating in Agricultural Youth Careers Exploration Day at the Geneva Experiment Station, Spring Hope Dairy, the Ag, Food and Technology Park and the Viticulture and Wine Center.
4-H members in Ontario County love their poultry! 4-H members of all ages are involved with their chickens, peafowl, ducks, turkeys and geese. After the avian flu scare in 2015 prohibited these youth from showing their animals at the fair, they came back in full force to show the fairgoers how exciting these animals can be. The poultry barn at the fair always has something going on with the opportunity to hold a baby chick, watch the poultry show or count the noise at the rooster crowing contest. 4-H members are encouraged to participate in the poultry science contest and for the second year we have held a chicken barbeque contest during the fair to show off our youths grilling skills. From the opportunities we offer our members, we have outstanding county representation at State Fair in avian bowl, poultry science and the turkey and chicken barbeque contests. Our teens are an integral part of the responsible teen leaders who work at State Fair during the 12 day event, sharing the knowledge of poultry with tens of thousands of the fairgoers who visit the youth poultry area of State Fair.

To enhance the poultry experience this year, Ontario County 4-H received funding from the Rice Foundation at Cornell University for 8 youth and 3 adults to attend the Penn State 4-H Poultry Conference in April. This hands-on conference covered topics in the area of feed, nutrition, health and disease, bird selection and management along with barbeque techniques and careers in the poultry industry. Ontario County 4-H participants were impressive with the quality of questions asked of speakers and with the knowledge gained from this day. One speaker described his 4-H and college experiences with poultry, which opened the door to a wide variety of opportunities for careers which our 4-H members had not considered before. Everyone who participated in the Ontario County barbeque contest at our county fair had learned skills at the Penn State workshop to transfer to the county event. All of the participants found this opportunity very worthwhile to attend.
Over 170 children from urban environments, with limited access to the natural world have attended 4-H Camp Bristol Hills over the past 3 years at no charge, with the support of the Disney Corporation.

According to the Nature Conservancy, 88% of American youth are online every day, and 69% are playing video games or watching TV every day, but less than 40% are spending any significant time enjoying the outdoors in an average week. The majority of American children see the environment as a very serious problem and that previous generations have not done enough to address it. The same study found that if youth are given more opportunities to have a meaningful outdoor experience, they will be more likely to value nature, engage with it, and feel empowered to do something to protect it. Yet 60% of youth report that they don’t spend more time outdoors because of a lack of access. The Nature Conservancy study also addressed strategies for encouraging youth to be more actively involved in nature, and the most effective strategy suggested was giving youth a chance to simply have fun in an outdoor environment.

Through a partnership with the Disney Corporation, the New York State 4-H program has been providing summer camp experiences at 4-H Camp Bristol Hills and our sister camp, 4-H Camp Wyomoco in Wyoming County, since 2014. During those years, each camp has hosted 175 campers from urban environments. 4-H Camp Bristol Hills has served the Rochester and New York City market primarily through our connections with the NYC 4-H Program and the Urban League of Rochester. These youth have each attended a one-week session of overnight camp at 4-H Camp Bristol Hills, where campers participate in fun and exciting outdoor recreational activities, while building close, lasting friendships. These campers have made connections with their more rural counterparts in cabin groups, at meal times, and in their various activities throughout each day.

Over the past three years, over 170 youth have had a chance to reconnect with nature during their immersive experiences at 4-H Camp Bristol Hills, totaling over 120 hours of time in nature per camper per week. As a result of this opportunity, 93% of these campers say that they care more about the environment than they did before attending camp. 92% report that they felt “good” when they were outdoors, and 84% said they liked participating in outdoor activities. 85% feel that science helps people to take care of the environment. Several of these campers have elected to come back each year that the program has been made available, including one who has expressed interest in participating in the Counselor In Training Program in order to become a staff member in the future.
4-H Camp Bristol Hills first opened in 1925, and has been located at its current location since 1932. Since that time, thousands of campers have spent memorable days in the summer sun and made friends that often last for their lifetime. Our staff hears from both camper and staff alumni who share treasured stories and laugh at their youthful antics. There is a universal fondness for 4-H Camp Bristol Hills and a shared desire to keep the program true to its roots and the traditions that have endeared it to generations. However, all agree that the physical condition of the camp’s most essential facilities, the bathrooms and showers is dire. Although the 4-H Camp staff has tried to maintain the bathrooms to the best of their ability, the facilities are now 55 years old and are showing major wear and tear. Specifically, the floors are heaving; there are significant cracks in the walls; leaks in the roof; and exterior drainage issues that cause pooling water at the entrances and foundations. The deterioration has been rapid over the past few years and 4-H Camp leadership realizes that the existing bathrooms and showers, which are not handicapped accessible, are a deterrent to the current camping experience. Action must be taken this year to rebuild these structures and add a new multi-purpose bathroom/shower building by the Main Lodge/Dining Hall in order to ensure that the basic needs of our campers are met and that the facilities do not deter from our amazing programmatic offerings.

The current capital campaign calls for three new, fully accessible bathhouses to be built. The project will also result in a safer environment for all users with the installation of anti-slip flooring and improved energy efficiency through low-flow bathroom fixtures. The new building will be “cleaner” with the introduction of commercial devices and floor drains which are designed to assist staff in daily interior maintenance and improved hygiene.
The total project cost of $1,070,000 includes a new, long-overdue improved leach field and upgrades to the 4-H Camp’s water and electrical system; both of which are necessary to support the construction of the three bathroom/shower buildings. CCE will use all local contractors which will benefit both 4-H Camp Bristol Hills and the local economy. The transformation of these facilities and their appearance will be reflective of the high standards that CCE demonstrates throughout its 4-H Camp program.

The 4-H Camp Capital Campaign Committee includes Erin Altman, Haley Bickel, Sam Casella, David DeCourcey, Jennie Erdle, Mary Gleason, Karen Higman, Jerry Killigrew, Andrew Kittleson, and Beth Webster. Staff support for the capital campaign is provided by Tim Davis and Erin VanDamme.
Advisory Committees & Volunteers

Board Committees

**Finance & Facilities**
Kerry Adams, Chair; Jay Harris-Maxwell, Joanne Roe, Sue Shively, and Charles Van Hooft

**People & Programs**
Peter Maslyn; Chair, Ryan Amberg, Andy Fellenz, Eric Hansen, Nina McCarthy, Sally Mueller, and Joanne Roe

**Nominating Committee**
Sue Shively, Chair; Casey Kunes and George Mueller

**Agriculture Economic Development Advisory Team**
George Ayres, Sam Casella, Andy Fellenz, Eric Hansen, Fred Lightfoote, Jim Peck, and Maria Rudzinski

**Master Gardeners**
Carol Altemus
Lindsey Ayers
Pat Bartholomew
Sophie Bennet
Sandra Bierbrauer
Pat Blakeslee
Lou Bliss
 Vaughn Buchholz
Dawn Carter
Jane Sheetz Clark
Sarah Claeyson
Sandra Ebberts
Judi Ferman
SK Ferris
Jane Ferraina
Stacy Fox
Christen Groeling
Bob Haggett
Lynn Hallett
Rose Hancock
Kenneth Harbison
Mary Hawley
Lucy Ignizio
Dana Kincaid
Rhonda Kreft
Scarlet Lmphier
Julie Macko
Helen Pellett
Sue Perkins
Tom Poplasky
Maria Raczk
Stan Raczk
Leslie Rice
Marge Shanahan
Cathy Simpson
Candi Smith
Colleen Smith
Nancy Stelnyk
David Stewart
Pamela Tichenor
Jeanne Totman
Heather Tucker
Stacey Van Denburgh
Shelley Van Lare
Roger Van Nostand
Sandra Voigt

**Master Forest Owners**
Dean Faklis
Ronald Gay
Harry Heuer
Dale Schaefer
Jeff Thompson

**4-H Leaders & Volunteers**
Erin Altmann
Allison Adam-Anderson
Kay Aman
Elaine Anderson
Dana Atwood
Deanna Bagley
Haley Bickel
Gail Bishop
Pat Blakeslee
John Bolanda
Lauren Bolanda
Barb Bolton
Heather Bond
Matty Brooks
Calvin Brown
Debbie Brown
Krista Brown
Patricia Burke
Lisa Burley
Sam Casella
Bonnie Cazer
Sara Cowan
Kathryn Daunce
Brenda DeBoover
Christopher DeBrock
David DeCourcey
Thomas DelPapa
Sue Demkowicz
Dawn Dennis
Kathleen Draper
Heidi Durkee
Mark Eltz
Jennie Erdle
Frank Fessner
Alysse Foster
Shari Garver
Mary Gleason
Barbara Grube
Jay Harris-Maxwell
Katie Harris-Maxwell
Shana Jo Hilton
Kathleen Hoven
Lynda Iler
Betsy Jensen
Dawn Jensen
Timothy Jensen
Pradeep Jayanna
Carmen Johnson-Lawrence
Jerry Killigrew
Melinda Kinney
Andrew Kittleson
Darryl Kramer
Michelle Krise
Mary Kuhner
Jesse Lambert
Roger Lambert
Scarlet Lmphier
Richard Langkamp
Carolyn Lawson
Ann Lil
Tonya Luna
Julie Maslyn
Brandi Mastin
Marsha Mason
Nina McCarthy
Beth McClung
Jill McLellan
Sharon Mumby
Amber Murphy
Margaret Murphy
Mary Murphy
Elizabeth Newbold
Debbie North
Elin Orman
Theresa Paré
Rebecca Parshall
Community Partners

1420 WACK Radio
Abbot’s Ice Cream
Ag & Markets – Dave Phillips
Alfred University
Beth Allison
Amanda’s Garden
American Equipment Company
Amberg’s Inc.
American Camp Assoc
Amy Cornwall
Applebee’s
Arbor Hill
Artic Refrigeration
Bank of the Finger Lakes
BASF
Bayer Crop Science
Bejo Seeds
Begin Again Rescue Farm
Bennett Farms
Bioworks
Black Brook Farms
Bloomfield Central School
Blowers Agra Services Inc.
B.O.C.E.S.
Borglum’s Iris Farm
Bristol’s Garden Center
Cal and Krista Brown
Sandra Button
C & R Foods
Calexis Livestock Farm
Canandaigua Chrysler Dodge/Jeep
Canandaigua Duck Hunters
Canandaigua National Bank & Trust
Canandaigua Rotary
Canandaigua City School District
Canandaigua Watershed Alliance
Cargill
Cargill Foods
Casella Farms
Center for Dispute Settlement

Sue Chapman
Pam Chiverton
Cindy’s Pies
Clearview Farms
Clifton Springs Methodist Church
CCE Counties: Allegany, Cattaraugus, Cayuga, Genesee, Livingston, Monroe, Niagara, Orleans, Seneca, Wayne and Yates
Coldwater Pond Nursery
Community Bank NA
Constellation Wines
Cornell University
Agriculture Experiment Station
Cornell Agriculture, Food & Technology Park
Cornell Reduce Tillage – Vegetables Team
Cornell Soil Health Team
Cornell University Departments of:
Animal Science
Crop and Soil Science
Entomology
Food Science
Horticulture Science
Human Development
Physics
Plant and Pathology
Textile Sciences
Cornell University Center for Materials Research
Cornell University Institute for Resource Information Sciences
Cornell Vegetable PWT
Corwin Press
Coryn Farm Supply
Country Corners Nursery
Country Max
Crop Production Services
Custom Trophy
Tim Davis
DeBoover Family Farm
Disney Corporation
Dom Vedora
Dottie Bandermer

Erin Patterson
Suzanne Pohorence
Susan Randall-Bullock
Vivian Richelsen
Mary Riley
Diane Roberts
Kimberly Rosini
David Rowley
Karen Rugenstein
Kelley Sacchitella
Debbie Sanders
Lisa Santiago
Lucy Schram
Grace Seeley
Michael Shaughnessy
Susan Shively
Aimee Simmons
Kellie Simpson
Patricia Smith
Rose Smith
Doreen Smithling
Jessica Spence
Jean Storie
Kimberly Stryker
Carol Stutzman
Sherry Thompson
Pam Tichenor
Joy Underhill
Jennifer VanHouten
Jessica VanHouten
Cathy Walker
Danielle Washburn
Joseph Washburn
Andrew Wayne
Russell Welser
Lori Weykman
Janet Wheeler
Mary Ann Whipple
DuPont Crop Protection
Dudley Poultry
ESI, Inc.
ESL
Environmental Systems Research Institute, Inc.
Empire State Potato Growers
Empire Tractor
FABA Farms
Farm & Country Insurance
Farm Credit East
Farm Fresh First
Farmers Markets: Bloomfield, Canandaigua, Canandaigua VA, Cheshire, Clifton Springs, Geneva, and Victor
Farmington Historical Society
Faro’s Pizza
Fellenz Family Farm
Felt Lay
Finger Lakes Coffee Roasters
Finger Lakes Institute at Hobart William Smith College
FLCC Association Inc.
FLCC Child Care Ctr.
FL Outreach Agency Ties
FL Teen Pregnancy Prevention Task Force
Finger Lakes Adoption Program
Finger Lakes Community College
Finger Lakes Livestock Exchange
Finger Lakes Radio Group
Finger Lakes Thoroughbred Adoption Program
Finger Lakes Visitors Connection
Finger Lakes Workforce Development
Firefly Farms
Fish Farm Market
Fisher Hill Market
Frantz’s Christmas Trees
Fresh Ayr Farm Market
Five Star Bank
Furmano Foods
Gale-Wyn Farm
Gannett Hill Gardens
Genesee County Ameri-Corps
Genesee Valley Bean
Geneva Chamber of Commerce
Geneva General Hospital Child Care Center
Geneva City School District
Gentner Precision Components
Golden Oaks Farm
Good Earth Greenhouse
Gorham Library
Goya Foods
Robert Green
Ground Water Systems
Growmark FS
Half Dutch Farm
Michael A. Hannen
Ed Hansen Farms
Happiness House
Harmony Circle
Harris Seeds
Hemdale Farms
Helena Chemical
Hidden Horse Stable
Hill Cumorah Pageant
Hilton Farms
Hobart William Smith Colleges
Hollow Creek Farms Inc.
Honeoye Central School District
Hornings Greenhouse
Hospice House
Inglis Holstein
Rebecca Housel
Inspire Moore
James Gray Agency
Kimberly Jaronsky
Java Farm Supply
J.D. Rugenstein & Sons, Inc.
J. Minn’s Farm
Betsy Jensen
Jerome’s U Pick
JoAnn Fabrics
K-Ventures Transportation
Susanne Kennedy
King Cole Bean Co
Lakeland Equipment
Lakeview Mental Health
Legacy at Fairways
Legal Assistance of WNY
Liberty Stables
Life Science Labs
Lighthouse Gardens
Lightland Farms
Ann Lill
Lilies of the Field
Linholm Farm
Little Science Wizards
Ken Livermore
Lowes of Canandaigua
Lowes of Geneva
Lucas Greenhouse
Lyons National Bank
Maggie’s Mustards
Maple Ridge Farm Greenhouse
Mayflowers Nursery & Garden Center
Memorial Art Gallery
Mental Health Assoc. of Rochester
Miller’s Farm and True Value
Monica’s Pies
Monroe Tractor & Implement
Mary Cockram Morse
MVP Health
Phil and Sandy Munson
Naked Dove
Nana’s Garden
Naples Community Garden
NEA4-HA-NYANYSACAA
Barb and Kevin Nedrow
NE-SARE
NY Bean, Inc.
NYCAMH
NY Cabbage Research & Development Fund
NY Farm Bureau
NY Vegetable Research Council
NY Wine & Culinary Center
NYS Dept. of Ag & Markets
NYS Dept. of Environmental Conservation, Wildlife, Pesticide & Forestry, Rogers Environmental Ctr.
NYS Dept. of Public Health
NYS Dry Bean Industry Advisory Committee
NYS Fair
NY Forest Owners Assoc.
NYS 4-H Educators Assoc.
NYS 4-H Foundation
NYS 4-H Program
NYS IPM Program
New York Life Insurance Co.
NYS Maple Producers Assoc.
NYS Onion Industry Council
NYS Vegetable Growers Assoc.
NYSSED Office of Ed, TV & Public Broadcasting
Northeast Weather Assoc. (NEWA) – Geneva
Ontario Co. Ag Enhancement Board
Ontario Co. Board of Supervisors
Ontario Co. Children’s Fund
Ontario Co. Emergency Mgmt
Ontario Co. Family Court
Ontario Co. Farm Bureau
Ontario Co. Fair Board
Ontario Co. Mental Health
Ontario Co. Office for the Aging
Ontario Co. Office of Economic Development
Ontario Co., ARC
Ontario Co. Dept. of Planning & Research
Ontario County Public Health
Ontario Co. Dept. of Social Services
Ontario Co. Sheriff’s Office
Ontario Co. Water Resource Council
Ontario County Youth Bureau
Ontario Finger Lakes Beekeepers
Ontario Co. Soil & Water Conservation District
Palmiter’s Garden & Nursery
Palmyra Macedon Schools
Debbie Palumbo-Sanders
Pam Helming
Partnership for Ontario County
Pat Pavelsky
Pedersen Farms
Phelps-Clifton Central School
Phelps Community Center
Phelps Historical Society
Phelps Mercantile
Phelps Supply Inc.
Pictometry International
Profac Cooperative, Inc.
Quail Summit
Quackenbush Hardware & Lumber
Rainbow Junction
Randall Farnsworth Auto Group
Red Jacket Community Library
Red Jacket Orchards
Red Jacket Schools
Reed’s Seeds
Reisdorf Bros, Inc.
Rice Foundation
Rochester Civic Garden Center
Roger VanNostrand Landscape Design
Richard Russell
Running’s S.A.L.T.
The Salvage Gallery
Sam’s Club
Lee Schutt Memorial
Carolyn Scott
Seager Marine
Seedway Inc.
Seeking Common Ground
Self Help Sewing Group
Seneca Foods, Inc.
Shepard Ford
Siegers Seeds
Sonnenburg Gardens & Mansion
Springdale Farms
Spring Valley Greenhouse, Inc.
Stage Struck Puppets
Stargazer Property Group
Steve VanDyke Agency
Stokes Seeds
Storybook Farm Veterinary
Stony Brook Oils
Stony Brook Wholehearted Foods
Sugar Hill Farm
SUNY – Cobleskill, Morrisville, Geneseo, Alfred, Cortland
Syngenta Crop Protection
The Birkett Mills
Thompson Grain Inc.
Todd & Jeanne Totman
Town of Bristol
Town of Canandaigua
Tractor Supply Canandaigua, Geneva
Treasure Valley Seeds
Turner’s Agway
UAP Distribution
USDA - FSA
USDA - NRCS
United Way
Upstate NY Potato Advisory Committee
Upstate Niagara Cooperative
UR Thompson Hospital Foundation
Usborne Works
USDA VA Medical Center
VB Brewery
Erin Van Damme
Steve Van Dyke Agency, Inc.
Verjooz
Victor Historical Society
Victor Central School District
Village of Victor
Wegmans Food Markets
Wendy’s, Canandaigua
WNY Crop Management Association
WNYFL Solid Waste Management Authority
WXXI Public Broadcasting Council
Western NY & Finger Lakes County Soil & Water Conservation Districts
Williams Farm
Willow Bend Farm
Wohlschegel Maple Syrup
Zoetis, Inc.
## SUMMARY OF RESOURCES & SUPPORT

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>County Appropriation</strong></td>
<td>$435,493</td>
</tr>
<tr>
<td><strong>State</strong></td>
<td></td>
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<tr>
<td>224 Funds</td>
<td>$58,907</td>
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<tr>
<td>Fringe Benefits</td>
<td>$290,346</td>
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<tr>
<td>University Resources</td>
<td>$183,984</td>
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<tr>
<td><strong>Federal</strong></td>
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</tr>
<tr>
<td>Smith Lever</td>
<td>$10,000</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>$11,380</td>
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<tr>
<td>University Resources</td>
<td>$114,936</td>
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<tr>
<td><strong>Grants and Contracts</strong></td>
<td>$65,557</td>
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<tr>
<td><strong>Other</strong></td>
<td>$596,975</td>
</tr>
<tr>
<td>(user fees, rent, fundraising, donations, etc)</td>
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</tr>
<tr>
<td><strong>Volunteer Support</strong></td>
<td>$201,013.92</td>
</tr>
<tr>
<td>(value of time/expertise for 8,532 hours of volunteer time at $23.56 hour per independent sector)</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL:</strong></td>
<td><strong>$2,031,958.00</strong></td>
</tr>
</tbody>
</table>
## BOARD OF DIRECTORS 2016

- **Kerry Adams**, Vice-President, Shortsville
- **Ryan Amberg**, Canandaigua
- **Andy Fellenz**, Phelps
- **Eric Hansen**, Stanley
- **Jay Harris-Maxwell**, Phelps
- **Peter Maslyn**, Farmington
- **Nina McCarthy**, Geneva
- **Sally Mueller**, Secretary, Clifton Springs
- **Joanne Roe**, President, Canandaigua
- **Sue Shively**, Gorham
- **Charles Van Hooft**, Treasurer, Clifton Springs
- **Fred Lightfoote**, Supervisor Representative
- **Charles Fausold**, State Extension Specialist

## CORNELL COOPERATIVE EXTENSION STAFF

### AGRICULTURE AND NATURAL RESOURCES

- **Russell Welser**, Team Coordinator/Senior Resource Educator
- **Marie Anselm**, Senior Resource Educator Agriculture Economic Development
- **Nancy Anderson**, Senior Administrative Assistant

### CORNELL VEGETABLE PROGRAM

- **Julie Kikkert**, Commercial Vegetable Program Specialist *
- **Carol MacNeil**, Commercial Vegetable Program Specialist *
- **John Gibbons**, Field Technician *
- **Angela Parr**, Administrative Assistant *

### NWNY DAIRY, LIVESTOCK & FIELD CROPS

- **Libby Eiholzer**, Dairy Management Associate *

### 4-H YOUTH DEVELOPMENT

- **Timothy S. Davis**, 4-H Issue Leader
- **Jennifer Jensen**, 4-H Resource Educator
- **Amy Morrisey**, 4-H Program Educator
- **Susan Carney**, Administrative Assistant

### 4-H CAMP BRISTOL HILLS

- **Timothy S. Davis**, 4-H Issue Leader
- **James Hooper**, 4-H Resource Educator
- **Ellen Martin**, Administrative Assistant

### ADMINISTRATION

- **Timothy S. Davis**, Executive Director
- **Erin VanDamme**, Association Administrator
- **Debbie Huls**, Finance Manager
- **Joe Torres**, Facilities Supervisor

*Multi-County