



**Cornell Cooperative
Extension Oneida County
2015 Calendar**

2014 Annual Report

About Our Cover...

Our cover photograph this year is dedicated in memory of the late Bob 'The Dahlia Guy' Gray, who was one of our dedicated master gardeners. Bob was well known for his work with the Dalhia section of our botanical gardens. His kindness and knowledge will be missed.

Cornell Cooperative Extension, Oneida County
121 Second St
Oriskany NY 13424

The Cornell Cooperative Extension system is a truly unique organization formed over 100 years ago. The created partnership between Cooperative Extension and Cornell University continues to solve local challenges and build stronger communities. This brilliant idea recognizes that local knowledge must inform research and in return research can guide us as we tackle some of society's greatest challenges. This participatory approach creates a co-learning environment where the community and University faculty learn and create solutions together. Throughout Oneida County, you will see examples of this dynamic playing out in the work that we do and that is highlighted herein. Cooperative Extension is in an exciting time of dynamic change both locally and across the state. We will change and adapt to our rapidly changing environment over time. However, we will remain true to our foundation, as without this distinctive partnership we are not Cooperative Extension!

Ron Bunce

Executive Director
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Through education, experience, and research, we will build strong and vibrant communities

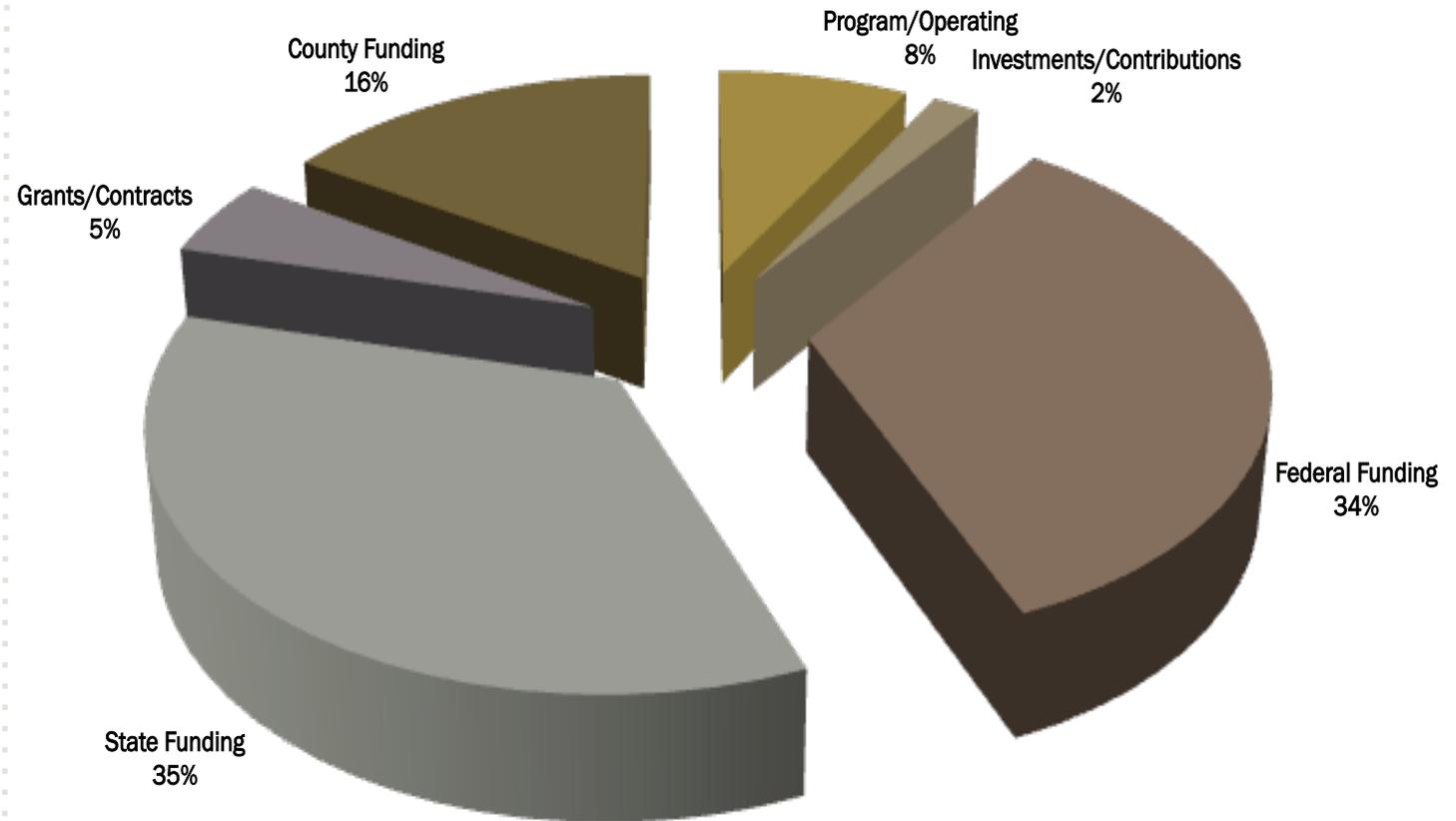
Financials

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Patricia Claiborne



Funding Sources:

County of Oneida, NYS Department of Agriculture & Markets, U.S. Department of Agriculture, Department of Health, Office of Children & Family Services, NYS Department of Social Services, Cornell University

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Farm Business Management

Investing in Women in Agriculture to Improve the Well-being of Our Community

According to the 2012 Census of Agriculture nearly a third of our nation's farmers are women, generating \$12.9 billion in annual agricultural revenue. Women are increasingly involved in every aspect of agriculture. They are scientists, economists, foresters, veterinarians and conservationists.

Extension believes that women engaged in the agricultural community are eager to contribute and support its continuation. Research and our own experience show that increasing women's access to the same agriculture services, input, and training as men pays off in success for women, their families, and their communities. Extension has provided training, platforms and support to women in agriculture, in order to empower their underrepresented voices to increase the flow of ideas and information. One such program is *Annie's Project*, an introduction to risk management for farmwomen and their families. In 2014, the program was extended across NY to thirteen Extension offices, reach 144 women.



Farm Business Management Educators

The Farm Business Management Educators of Oneida County help farmers improve their business management skills, improve management productivity, increase profitability, and fulfill their long-term objectives. This is accomplished with discussion groups, farm tours, targeted educational meetings and individual farm consultations. This year educators have increased the educational opportunities for beginning farmers and value-added producers, which continues to support the value of Agriculture in our community.

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January

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 <i>New Years Day</i>	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19 <i>Martin Luther King Day</i>	20	21	22	23	24
25	26	27	28	29	30	31

Ag Economic Development

FARM TO SCHOOL

As the local foods movement (locavore) continues to grow in popularity and demand, our AED Program has been actively involved in an initiative to help increase the percentage of local farm products served to students in our public schools, colleges and universities. CCE-Oneida County has received a grant from the Oneida/Herkimer Community Foundation that will be used to research and develop a plan to identify a variety of food products that can be sourced locally and meet both the USDA nutrition guidelines and can be sold at a price point that works for both the farmer and the school foodservice budgets. Waterville Central School will be used as the pilot test school for this project and we will also be working closely with the Food Service Director for the Oneida/Madison/Herkimer BOCES Foodservice operation.

Agriculture Economic Outreach:



- Informing youths about local agriculture and careers through hands on learning, community events and career fairs.
- Working together with the Oneida County Farmland Protection Board educating landowners and municipal officials about the benefits of Agricultural Districts
- Connecting agricultural producers to the school food systems.

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February

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 <i>Groundhog Day</i>	3	4	5	6	7
8	9	10	11	12	13	14 <i>Valentine's Day</i>
15	16 <i>Presidents' Day</i>	17 <i>Fat Tuesday</i>	18	19	20	21
22	23	24	25	26	27	28

Expanding Opportunities



EXPORT DEVELOPMENT

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With funding from Empire State Development Corporation, CCE Oneida County staff worked with producers across the State to explore opportunities to sell their products to China. In late 2014, the first shipments (of raw honey, grade A maple syrup, and chocolate-covered fruit snacks) were shipped to a Chinese buyer, with the promise of larger orders to come if the products are well received in the market. The export process involved navigating complex regulatory, logistical and marketing challenges, and Oneida County staff shared the lessons learned through the experience with statewide staff at Cornell's 2014 Strategic Marketing Conference. Beyond these product categories, CCE Oneida County staff developed a database of potential exporters and detailed analyses of the China market for specific products of several larger New York State food processors, which will assist those companies in developing successful market entry strategies.

THE LEARNING CENTER

This past gardening season, the Master Gardener Volunteers, 4-H'ers and Dog Therapy Volunteers have been seeking funds to create a safe and educational space for children and pets. This new garden area is an educational project designated as a children's learning lab, 4-H dog Obedience Training area and for Dog Therapy programming. The Learning Center for Children & Pets is located next to the Butterfly House just off our main parking lot. This past autumn, 4-H Teen Council sponsored and help planted 2 deciduous trees in this area in memory of two 4-H Teen Council members. Also Master Gardener Volunteers assisted Royal Landscape in installing a hexagon 20' x 20' fescue turf grass area. This newly planted sod area will include park benches with leash hook-ups, and picnic tables, and shrubs. The garden bed that borders the side of the Butterfly House will feature a variety of perennial plants that are non-toxic to children and pets. To help complete this project, an individual can make a monetary donation towards this project. T-shirts are also available for \$15 each. Contact the Extension Office or go online for more information.



March

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8 <i>Daylight Savings</i>	9	10	11	12	13	14
15	16 <i>St. Patrick's Day</i>	17	18	19	20 <i>First Day of Spring</i>	21
22	23	24	25	26	27	28
29 <i>Palm Sunday</i>	30	31				

Early Childhood Education



BUSINESS LEADER WORK GROUP

In the Spring of 2014, the Child Care Council was notified that the proposal submitted to the Early Care and Learning Council (ECLC) for a Business Leader Work Group had been approved. Working closely with ECLC and representatives from other Child Care Resource & Referral Agencies in the Mohawk Valley area, we put together our “Ensuring a Ready Workforce in the Mohawk Valley” event. The event was held on October 22nd, 2014 at the Holiday Inn with 63 attendees that represented various sectors of the business and nonprofit world. Bill Millett, our speaker, engaged those in attendance by sharing statistical and factual comparisons of the investment and perception of early care and education in our country compared to others. Afterwards, we called the attendees to action, and on November 20th 2014, the first Business Leader Work Group planning meeting was held. During this meeting, we spoke with the group of volunteer business leaders & community agents about the issues they personally face in regards to child care and identifying which needs are the greatest within our community. Moving forward, this group will be determining a project that will improve the quality of early education in the Mohawk Valley.

2014 HIGHLIGHTS:

- 1,004 child care referrals provided to 800 parents
- 352 individualized time & attention visits provided to child care providers
- Provided trainings to 163 unique individuals
- Performed 149 Health Care Consultancy visits
- Awarded the renewal of the National Quality Assurance
- Launched the Child Care Finder App for Apple and Android Phones



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April

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 <i>April Fools Day</i>	2	3 <i>Good Friday</i>	4 <i>Passover Begins</i>
5 <i>Easter Sunday</i>	6	7	8	9	10	11 <i>Passover Ends</i>
12	13	14	15 <i>Income Taxes Due</i>	16	17	18
19	20	21	22 <i>Earth Day</i>	23	24 <i>Arbor Day</i>	25
26	27	28	29	30		

Agriculture

SOIL HEALTH

The attributes of a healthy soil include: an ample supply of organic matter to provide food for soil organisms, adequate supply of nutrients essential for plant growth and development and good structure that supports adequate exchange of gases and water to optimize biological activity. Farmers value their soil, realizing that it is the foundation of crop production and are motivated to learn techniques to preserve and improve the soils within their fields.

CCE hosted a soil health workshop on February 12, 2014 where participants viewed a demonstration of water holding capacity and soil structure from soil samples obtained from fields under different crop management systems. Participants also learned simple methods to measure soil health and methods they could employ to improve soil health in their fields.



CCE also hosted a 4 part webinar series on cover crop management during the month of March 2014. CCE staff participated for the second consecutive year in a research project to help optimize the production of a cover crop with the added benefit of harvesting it as forage for their livestock. These are the most recent examples of educational programs provided by CCE for farmers to learn more about soil health and methods they can employ to make improvements in soil health in their fields. A number of farms in our area are now applying practices to improve and maintain soil health. A few farms have invested in no-till planters and zone tillage equipment. In addition many more fields are planted to cover crops.

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May

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5 <i>Cinco de Mayo</i>	6	7	8	9
10 <i>Mother's Day</i>	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25 <i>Memorial Day</i>	26	27	28	29	30
31						

Horticulture

CONSERVATION EDUCATION DAYS 50TH ANNIVERSARY

On September 23rd and 30th of 2014, we celebrated the 50th Anniversary of this outdoor educational event. A total of 712 sixth grade students participated in the event from six school districts. Oneida County 4-H Conservation Education Days targets sixth grade students from area schools to teach them about a variety of conservation topics related to conservation science, careers, issues, awareness and recreation while engaging the students in a beautiful outdoor classroom setting held at Delta Lake State Park. CCE Oneida County 4-H staff help to plan, coordinate and implement the event with community partnering agencies. The 4-H Conservation Education Day Committee, established from the start of 4-H Conservation Education Days, meets throughout the year. Representatives from CCE Oneida County, Federated Sportsmen Clubs of Oneida County, Department of Environmental Conservation, Central New York State Office of Parks, Recreation and Historic Preservation, and an Oneida County School Representative serve on this committee. Students visit ten different conservation topic stations throughout the day. Students learn about forestry, woods safety and survival, wildlife habitats, recreational activities such as sports fishing, and hiking, conservation on the farm, recycling, careers in conservation field. Instructors provide students with an overview of each topic, hoping to stimulate an interest in the subject matter so that they will investigate some of the material further when they return to school and/or at home.



SERVICES

- **19th Annual Herb & Flower Fest to be held on June 20th, 2015 from 9am to 3:30pm**
- Horticulture Hotline, Wednesdays & Fridays from 9am to noon
- Soil pH Testing (\$2 a sample)
- Fact sheets and information available on our website
- Gardening Speaker's Bureau, offering public learning opportunities about gardening
- Parker F. Scripture Guided Garden Tours

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June

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14 <i>Flag Day</i>	15	16	17	18	19	20
21 <i>Father's Day & First Day of Summer</i>	22	23	24	25	26	27
28	29	30				



STEM • HEALTHY LIVING • CITIZENSHIP

BE SMART DON'T START TOBACCO

The Be Smart Don't Start Tobacco Prevention program is a health based program made possible from a grant through Faxton St. Luke's and the Children's Miracle Network. In 2014, the program reached over 750, 4th-6th grade students in Oneida County. Using age appropriate language and props the Discussion Leader is able to demonstrate the dangers of using and being around individuals that use tobacco products. Using Balloons and straws the students participate in a hands on STEM activity designed to demonstrate the lung capacity of a non-smoker and the difficulties an individual would face if their lungs were damaged or restricted by smoking. Following the presentation several of the youth stayed after school to create no smoking posters and one took it upon herself to write the following letter.



Smoking By:
Madison
Butler

What I learned from my class with Mrs. Kay is that smoking is very bad for you. Also, that if you smoke you could get cancer. The experiment we did with the balloon, straw, tape and measuring tape was cool. I never knew that smoking could cause you enclosing to your lungs. I also learned that Second-Hand Smoking is just as bad as smoking yourself. The rotting teeth look painful. Like they could fall right off if the person opened their mouth. Something else that was shocking to me was the big cigarette! When Mrs. Kay took out all of those words that were in one cigarette I was shocked that people would use such ingredients. Another thing I learned last class was that One: you must be 18 or older to purchase a pack of cigarettes. Two: tobacco is just as bad as smoking. Three: that there is rat-poisoning in a cigarette. Four: that just one cigarette could harm you. And Five: that you should never smoke even if your friends, and family does smoke. Thanks to my last class with Mrs. Kay and Mrs. Yount, I will never in my life smoke anything. I will never do drugs, or chew tobacco. I hope my experiences will help children around the world feel the same way.



4-H USING STEM SKILLS FOR CHARITY

Thanks to 4-H Leader Pam Zombek, several 4-H Members (ages 7-14) spent many Tuesday evenings at the Farm and Home Center, in Oriskany learning to sew. These first time sewers completed 2 projects. First, they recycled a cigar box into a fully equipped sewing kit. Then, after much measuring and precision cutting, they made drawstring aprons and potholders. As part of the 4-H Sewing Evaluation and Review, held May 10th, the youth met with an evaluator and discussed their sewing projects. After evaluations were complete the youth assembled for a fashion show held in the Parker F. Scripture Botanical Gardens. As if that wasn't enough for one day the participants also participated in a STEM based Community Service Project. The Youth were challenged to use old clothes and scraps of felt to create "Monster Pillows." Without even realizing it the participants applied basic **Engineering Design Principles** to create their "Monsters". These pillows and several more were on display at the Boonville Fair and State Fair. They were then donated during the 4-H Achievement Award Banquet in November to the Thea Bowman House.

2014 HIGHLIGHTS

- 4-H programming touched 3,961 unique youth
- 404 youth are members in one of 27 organized 4-H clubs in the community
- Over 1,000 of community service has been given by Oneida County youth
- Successfully ran programs such as 'Robotics Leader Training', 'Science Days', Farm Fest, Veterinary Science and Dairy & Horse 101.

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July

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4 <i>Independence Day</i>
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Community Development



Every community has the potential to be enhanced by recognizing the critical role open space, agriculture, tradition, culture and heritage has on its identity, viability and quality of life. Community & Rural Development at Cornell Cooperative Extension of Oneida County has an ongoing commitment to offer information and resources that encourage local municipalities, organizations, and citizens to build strong economies, facilities, and programs throughout the region.

IN 2014 CONTINUED SUPPORT WAS PROVIDED FOR:

- **Southern Oneida County Council of Government (SOCCOG)** with Comprehensive Planning and Technical Assistance for municipal governments in Oneida County on agriculture, land use, zoning issues, recreation, revitalization, and community capacity.
- **Local Government Education Committee (LGEC) trainings** for officials in Herkimer and Oneida Counties.
- **eXtension Rural Community of Practice**, an online collaboration of Community Development programs and professionals throughout the Land Grant University system to provide resources at a local level.
- **Keep Mohawk Valley Beautiful (KMVB)** CCE Oneida worked with Mohawk Valley Economic Development District (MVEDD) to initiate and coordinate development projects that will help advance the Mohawk Valley Sustainability Plan and the six county Economic Development Council Region.
- **Amish Education and Outreach** Cornell Cooperative Extension worked with other local agencies to provide training and an informational packet that contained resources to assist municipal officials and Amish residents access needed services.

PROJECT HIGHLIGHT

Rust 2 Green (R2G) Utica received funding from The Community Foundation of Herkimer and Oneida Counties, Inc. to establish an Urban Planning Studio in Downtown Utica to carry initiatives forward identified by the City of Utica, the Atkinson Center for a Sustainable Future, R2GNY, District Associations, and CCE Oneida . During a public dialogue with community leaders - the "Big Think" Forum - it became obvious that an interconnected City, University and grassroots effort could help transform Utica. This sustainable community development model has identified actionable short-term and sustainable development projects that respond to local assets, needs and opportunities. Through its focus on local assets, partnering and action, this project will bolster and build capacities, leverage and maximize available resources, and identify, amass and produce the needed resources (economic, social, environmental) for enacting and implementing more far-reaching impacts, projects and systematic changes in sync with the sustainable development goals set forth in city, regional and statewide plans.



In 2015, the R2G Urban Studio will broadly focus on:

- Improved Civic Capacity – Community-based planning efforts & project implementation
- Community Engagement & Empowerment – Engagement of district associations and University led, community based learning projects
- Resource Development – Project packaging, resource identification, grant writing support and volunteer development.

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August

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27 <i>NYS Fair Begins</i>	28	29
30	31					

Nutrition



CHICKEN & BROCCOLI IN LEMON SAUCE

Ingredients:

- 1 bunch broccoli, cut in bite size pieces (1 1/3 pounds)
- 1 pound boneless skinless chicken breasts, cut in thin strips
- 4 Tablespoons lemon juice
- 4 cloves garlic, sliced thinly
- ¼ cup grated Parmesan cheese
- 4 Tablespoons olive oil
- 1 pound pasta, any shape
- black pepper to taste

Cook pasta and drain, reserving ½ cup of the pasta water. In a frying pan, sauté garlic in oil on low. Add sliced chicken and sauté for about 10 minutes. Add broccoli and sauté for 5 additional minutes. Add reserved pasta water and lemon juice and heat through. Toss cooked chicken and broccoli mixture with pasta. Sprinkle with parmesan cheese.

Recipe from the ESNY Recipe Book

2014 HIGHLIGHT:

CCE Nutrition Educators were able to offer more than 20 guided shopping tours at local community grocery stores throughout Oneida County to over 150 consumers through a grant funded program. Here is a link to the website with all program info: <http://cookingmatters.org/at-the-store>

Nutrition Facts			
Serving Size 1/6 of recipe (9.1 ounces)			
Servings Per Recipe 6			
Amount Per Serving			
Calories	490	Calories from Fat	120
% Daily Value *			
Total Fat	14g		22%
Saturated Fat	2.5g		13%
Trans Fat	0g		
Cholesterol	45mg		15%
Sodium	125mg		5%
Total Carbohydrate	64g		21%
Dietary Fiber	5g		20%
Sugars	5g		
Protein	30g		
Vitamin A	15%	Vitamin C	160%
Calcium	10%	Iron	20%
* 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	Calories: 2000	2,500
Saturated Fat	Less than	65g	80g
Cholesterol	Less than	20g	25g
Sodium	Less than	300mg	300mg
Total Carbohydrate	Less than	2,400mg	2,400mg
Dietary Fiber		30g	375g
24.5% calories from fat			

ING SOON – THE NEW EAT SMART NEW YORK

COMING SOON – THE NEW EAT SMART NEW YORK

COMING SOON – THE NEW EAT SMART NEW YORK

In October 2014, we received notification that our Eat Smart New York / SNAP Ed proposal submission was successful. We will be receiving approximately \$1.2 million dollars to carry out the activities described in our proposal to OTDA. Our goal is to provide targeted, behavioral-based programming to help people eligible for SNAP establish health eating habits as well as physically active lifestyles by promoting the consumption of healthy food with in a limited budget, addressing barriers to the purchase and consumption of healthy foods, and promoting low-cost or no-cost physical activity opportunities. Our local data collection reports ESNY Graduates improve their skills and knowledge about healthy eating by increasing vegetable and fruit consumption, increase consumption of health beverages and are physically active everyday. It is our hope that, as a result of this program, we can prevent or postpone the onset of chronic diseases by establishing healthier eating habits and more physically active lifestyle.

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September

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7 <i>Labor Day</i>	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23 <i>First Day of Fall</i>	24	25	26
27	28	29	30			

Dairy & Livestock



Oneida County is home to approximately 2,000 head of beef cattle. Local beef producers continue to explore the marketing opportunities available to them. In early November CCE of Oneida County invited members of the Adirondack Grazers Cooperative to speak to local beef producers on the potential advantages of joining this regional beef marketing group.



As our local dairy farms grow the housing needs for young stock also grow. One way to learn about current livestock housing trends is to get off the home farm and explore your neighbors' barn. CCE of Oneida Co. worked closely with Madison Co. CCE to put together a tour of heifer facilities. Determining stall size and style as well as tips for choosing contractors were among the topics discussed.



Dairy producers have a strong understanding that if they take care of their cows, the cows will in turn, take care of them. Performing routine hoof care and trimming is one example of how dairy producers ensure optimal herd health on their farms. Learning the skills and having the hands on opportunity to practice hoof trimming techniques was the focus of this workshop hosted by SUNY Morrisville .



Northern New York Dairy Extension Specialist, Kim Morrell shared information on the latest in newborn calf care. Heifer calves are the future generation for progressive dairies and getting calves off to a strong start in life is critical to the success of the business. Understanding and adapting to the use of tools such as this refractometer can help herd managers monitor the quality of the colostrum, or first milk that newborn calves receive, ensuring that they receive enough immune system building blocks.

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October

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12 <i>Columbus Day</i>	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31 <i>Halloween</i>

Technology & Marketing

2014 was another banner year for technology at CCE Oneida. We built, tested and deployed a whole new Tech Inventory system that helps us keep track of our IT assets even better than ever. In that same vein, we now have an instance of Remedy trouble ticket tracker to help IT and our staff stay informed on the progress of their computer issues!

Robotics continues to be a popular activity for youth in Oneida county. Teaching robotics, however, can be an overwhelming undertaking for many 4-H leaders and parents. Few adults feel confident enough to actually form a robotics team or even offer a robotics program. The EV3 robots and First LEGO League competitions are intimidating, and with a pricetag of over \$400 per robot, parents are reluctant to invest.

In an effort to take some of the pressure off of adults, Roger Ort, New York State 4-H Program Specialist in Robotics, taught an adult summer class and 4-H Volunteer Nathan McDonald, Research Physicist AFRL/RITB High Performance Systems Branch, taught two classes, one just for adults, and the other as part of our Youth Summer Science Series. 4-H has also invested in 3 EV3 robotics kits as well as the software to assist parents with the financial setbacks of robotics. 4-H Leaders, parents and members wishing to learn about robotics are now able to sign out a room, laptop and robot here at the extension to learn about robotics.



2014 HIGHLIGHTS

- Old server retired
- Inventory/Repair database built
- IT ticket tracking via 'Remedy' commenced
- All computers updated to Windows 7 or higher

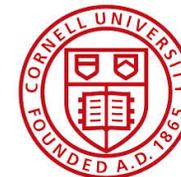
2014 SOCIAL MEDIA UPDATES:



Since the beginning of 2014, we have grown from 975 likes to 1,215 likes. This increase of 240 likes is a 29% overall increase. Our page is also the 3rd most-liked association Facebook page.



Our Twitter account was created in December of 2013 and since then has generated 130 followers and hundreds of retweets and favorites.



The CCE Oneida webpage has been visited 35,117 times in the past year.

WWW.FACEBOOK.COM/CCEONEIDA

[@CCEONEIDA](https://twitter.com/CCEONEIDA)

WWW.CCEONEIDA.COM

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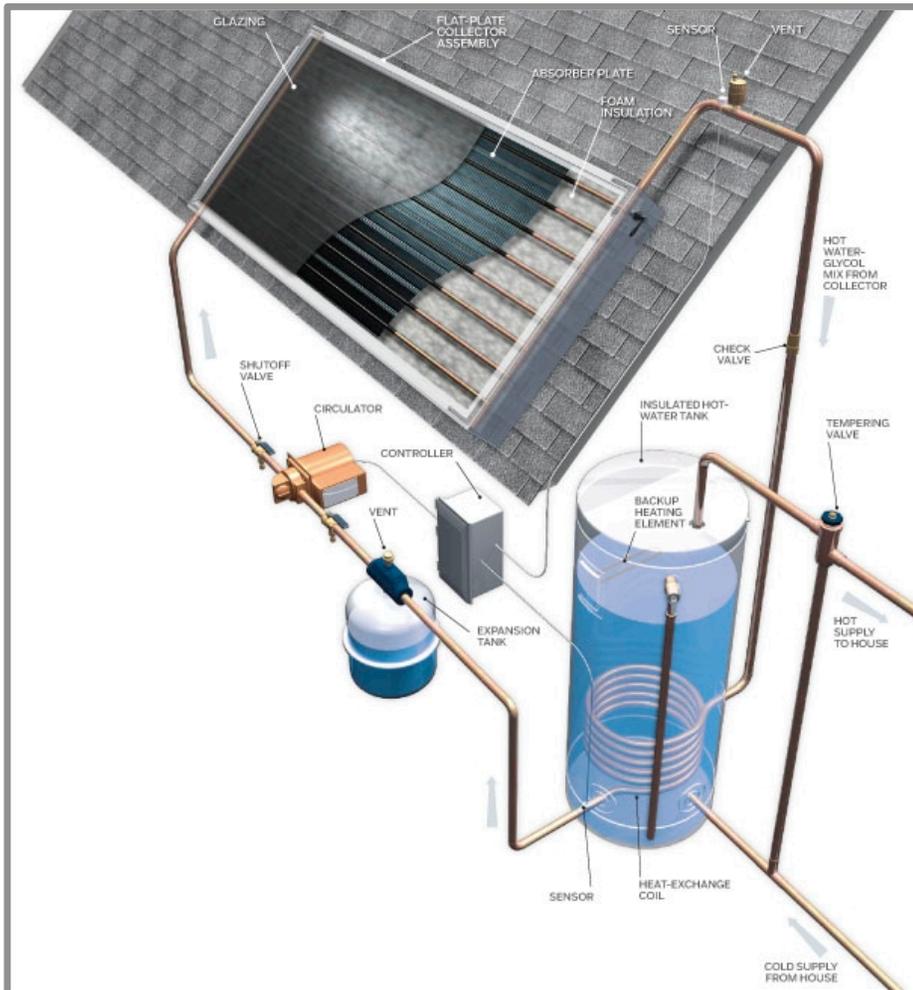
November

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 <i>Daylight Savings</i>	2	3 <i>Election Day</i>	4	5	6	7
8	9	10	11 <i>Veterans Day</i>	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26 <i>Thanksgiving</i>	27	28
29	30					

Energy

THE SOLAR THERMAL HOT WATER EDUCATIONAL OUTREACH INITIATIVE

The Solar Thermal Hot Water Educational Outreach Initiative, leveraging the solar thermal demonstration station and industry professionals, provides specific information and understanding of this technology to the general public. As a result of targeted workshops and educational venues, this programming effort has specifically led to implementation and local installations of this technology, making significant impacts to lessen carbon emissions associated with electricity consumption. New technologies and educational programs assist the dairy industry and agribusinesses, as well as municipalities, school and residential sectors, in meeting the growing need for sustainable energy knowledge and implementation.



RESULTS:

- High public and agricultural interest and implementation in solar thermal technology
- First agricultural installation of solar thermal occurred in July 2014 with an estimate of \$4,000 annual utility savings for the robotic milking operation
- Four milking dairy operations are on track for Fall 2014/Winter 2015 installations
- Numerous residential site assessments
- Outreach to thousands of people who visited the display and learned about the considerations during the 2014 New York State Fair

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December

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7 <i>Chanukah Begins</i>	8	9	10	11	12
13	14 <i>Chanukah Ends</i>	15	16	17	18	19
20	21	22 <i>First Day of Winter</i>	23	24 <i>Christmas Eve</i>	25 <i>Christmas</i>	26
27	28	29	30	31 <i>New Year's Eve</i>		