

Cornell University  
Cooperative Extension  
Dutchess County

# Annual Report 2010



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No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, religion, political beliefs, national or ethnic origin, gender, sexual orientation, age, marital or family status, veteran status, or disability. Cornell Cooperative Extension is committed to the maintenance of affirmative action programs that will assure the continuation of such equality of opportunity.

# *Our Mission*

Through quality educational programs, Cornell Cooperative Extension Dutchess County builds strong, healthy youth, adults, families and communities while enhancing the economic, social, agricultural and natural resources of Dutchess County.

## *Board of Directors 2010*

Laurie A. Rich, President	Ray Vail, Vice President
Shannon Bower, Secretary	John Borchert, Treasurer
Karen Hahn, Ag/Hort	Gareth Howard, Ag/Hort
Michelle Hicks, 4-H	Meegan Veeder-Shave, 4-H
Nancy Couse, FCS	Christine Bates, FCS
Mark Doyle, Environment	Lalita Malik, Environment
Marge Horton, Legislative Representative	Kathy Scholl, CCE Specialist

## *Program Committees 2010*

### **Agriculture/Horticulture:**

Eric Eschbach   Matt Cady   Craig Thomas  
Karen Hahn   Joanne Knapp   Gareth Howard  
David Rambo   Linda Gaines   Ben Traudt, Legislative Rep

### **Family & Consumer Education:**

Mary Fleming   Christine Bates   Fred Bunnell   Jeanne Scigliano  
Nancy Couse   Gwen Higgins   Susan MacNish   Ivette O'Sullivan  
Arnold Restivo   Kathryn Calame   Allison McAvery, Legislative Rep

### **4-H Youth Development:**

Michelle Hicks   Kim Romano   Amy Sherman  
Meegan Veeder-Shave   Andy Imperati, Jr.   Melody Moore  
Kathy Burns   Christel Scott   Marge Horton   Michael Kelsey, Legislative Rep

### **Environment & Energy:**

John Bickford   David Burns  
Mark Doyle   Leisl Hotaling   Heather LaVarnway  
Gary Lovett   Lalita Malik   Mike Purcell  
Bill Relyea   Zywia Wojnar   DJ Sadowski, Legislative Rep

## Message from Board President and Executive Director

As we celebrate our 2010 successes in this Annual Report, we must acknowledge our challenges. CCEDC received a 17% reduction in county appropriations – \$185,000 - resulting in program reductions and organizational changes. Yet, our programs continued to exemplify the outstanding knowledge, creativity, and dedication of staff, volunteers and our community partners, whose importance we greatly value.

We've had a lot of successes in 2010:

The 2<sup>nd</sup> Annual Watershed Awareness Month collaboration with even more events.

A new Watershed Website was launched in collaboration with Vassar College: [www.dutchesswatersheds.org](http://www.dutchesswatersheds.org)

A Web-based Natural Resources Inventory was created in collaboration with EMC, DC Planning Dept., Vassar College, Carey Institute and local experts: [www.co.dutchess.ny.us/CountyGov/Departments/Planning/16138.htm](http://www.co.dutchess.ny.us/CountyGov/Departments/Planning/16138.htm).

50 4-H Clubs, involving over 500 youth throughout Dutchess County, culminated their year with 2,728 exhibits/animals evaluated and showcased during the DC Fair.

4-H Ag Literacy focused on Timber Education this year reaching 725 youth in 37 classrooms.

The 4-H Tractor Safety program was reestablished after many years.

The Mobile Market, staffed by Beacon Green Teens, provided fresh, healthy food to Beacon communities.

A Green Teen youth received a Youth Bureau Scholarship to DCCC and the GT Program received a Southern Dutchess Chapter NAACP award.

Volunteer Master Gardeners continued their spectacular educational gardens at the Farm & Home Center, and had an outstanding plant sale fundraiser to support the Green House and programming.

Invasive Species education continued to be critical, with Emerald Ash Borer discovered in Ulster County.

Twilight meetings for vegetable, field crops and Christmas Tree Farmers provided on-site observations and valuable tools for farmers.

Work began to develop an economical way to grow mushrooms using biomass crops as a substrate.

A Youth Financial Literacy program was created through new grant funds.

RAPP, expanded through new grant funds, continues to improve family outcomes for the relatives who are raising a grandchild or other relative and improving school engagement.

The Food, Nutrition and Wellness program has helped over 620 families and 441 youth improve the quality of their diets and physical activity.

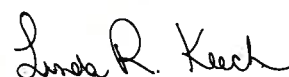
Through Food, Nutrition and Wellness systems change work, childhood obesity prevention strategies were implemented at 3 more local schools impacting another 773 youth.

Over 1000 dedicated volunteers whose combined efforts are worth over \$4.2 million dollars (2008 *Independent Sector*) contributed over 208,000 hours!

Cornell Cooperative Extension has evolved continuously throughout its 100-year existence. This will continue as we face current economic realities. We have tightened our belts and will continue to work on operational efficiencies and sharing resources to provide high quality programs and research for Dutchess County taxpayers, communities and municipalities.



Laurie A. Rich, President, Board of Directors



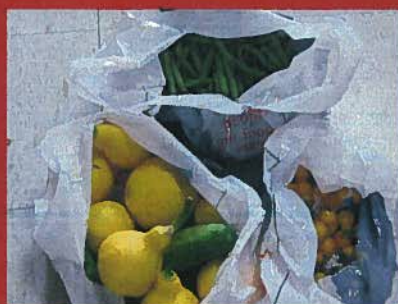
Linda R. Keech, Executive Director



# Family & Consumer Education

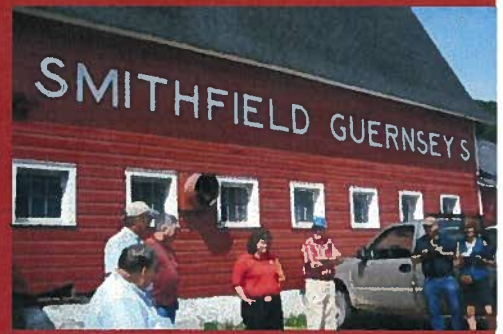


Our programs improve the well-being of Dutchess County families, individuals, youth and communities through education and change facilitation. During 2010, our Food, Nutrition and Wellness Programs helped **746** adults and seniors take action to improve their healthy eating, active living, food security and food safety behaviors. **441** youth have taken action to improve their healthy eating and active living behaviors. We also helped **3** school districts create sustainable change to prevent childhood obesity among Dutchess County children and youth, and developed a collaborative needs assessment process to be shared by agencies and communities across Dutchess County. Our Financial Management programs helped **284** adults and **61** youth take action to practice wise money management skills and debt reduction. Our Relatives As Parents Program helped **75** relative caregivers, and **75** children in their care, develop healthy parent-child relationships and positive living skills.





# Agriculture & Horticulture



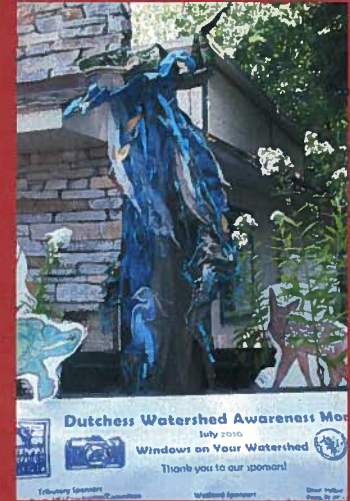
Cornell Cooperative Extension Dutchess County is the go-to organization for the agriculture/horticulture industry. With over 100,000 acres of farmland and a market value of almost \$45 million dollars, Dutchess County has a strong agricultural/horticultural industry. In 2010, **75** potential, new small, and/or part-time farm individuals turned to CCEDC to learn about farming opportunities. Over **1800** individuals contacted the Agriculture/Horticulture department seeking information related to agriculture and horticulture. **200** individuals sought information on agriculture district laws. **95** commercial equine businesses received education on proper nutrient management, livestock management and environmental stewardship. **650** individuals learned about emergency disaster for animals via the Dutchess County Animal Response Program (DCARP). **164** agriculture/horticulture businesses increased knowledge of integrated pest management (IPM). **900** agriculture, horticulture industry personnel and homeowners learned about invasive species. **23** arborists completed a training series to take the International Society of Arboriculture (ISA) professional certification exam. **26** Christmas tree farmers learned IPM techniques to manage insects and diseases. **40** individuals received training to take the NYSDEC pesticide applicator exams. **976** commercial agriculture producers, horticulture industry personnel and Dutchess County residents utilized CCEDC's diagnostic lab. **98** tree fruit and berry farmers enhanced their orchards with the application of new technologies and techniques. **3** communities conducted street tree inventories to assess the environmental, communal, social and economic benefits of trees in a community.



# Environment & Energy



The Environment and Energy Program provided training, facilitation, technical resources and support to **21** Municipal Conservation Advisory Committees, the Environmental Management Council, Natural Resource Inventory Steering Committee, GIS Special Interest Group, and numerous local watershed groups; facilitated the effort, wrote and edited chapters, and prepared GIS maps to update the Dutchess County Natural Resource Inventory (NRI); organized **11** educational forums and workshops on local environmental issues, including the NRI conference; launched a new interactive website for watershed protection with Vassar College, [www.dutchesswatersheds.org](http://www.dutchesswatersheds.org); provided hands-on training for **48** individuals to use Geographic Information Systems (GIS) for natural resource analysis and mapping; organized a vernal pool study with the Cary Institute of Ecosystem Studies, using volunteers to survey small wetlands in the Town of Red Hook, and started a pilot watershed steward volunteer program, working with volunteers to monitor stream temperatures in Wappinger Creek; provided education and resources to **125** individuals working in **7** local watershed groups; coordinated the second annual Dutchess Watershed Awareness Month (WAM), reaching over **1100** youth and adults through over **40** events around the county; worked with Cornell Extension on a new statewide energy and climate change team developing new education and outreach materials for NYS; and provided outreach materials on streams, road salt, septic maintenance, watershed protection, land use planning, GIS and GPS, and energy efficiency and NY's changing climate to municipalities and the public through Earth Day events, school programs, community events and Dutchess County Fair.





## 4-H Youth Development



The 4-H Youth Development Program continued in 2010 reaching more than **550** youth and **80** volunteers through 4-H club programming. An additional **750** youth in Dutchess County were also reached through the Ag. Literacy Week program, **8** youth were trained in our Tractor Safety Program, over **200** youth participated in Public Presentations, **31** youth presented at the 4-H "Under the Sea" Fashion Revue and **28** youth demonstrated their culinary skills during the Harvest Food Fest. The program continues to teach youth leadership, citizenship and life skills.

The 4-H Green Teen Program educated **116** young people ages 9-18 in its afterschool and summer employment program and its in-school gardening program. They learned about the food -system, their food choices, and how they can take an active role in both.



# *Cornell Cooperative Extension Dutchess County Personnel 2010*

## *Administration*

Linda R. Keech, Executive Director  
Leah Cadwallader, Sr. Administrator  
Nancy Vogel, Finance Coordinator  
Melissa Tan, Finance Assistant  
William Smack, Facilities Supervisor

## *Agriculture/Horticulture*

Stephanie Mallozzi, Program Leader  
& Commercial Horticulture  
Mohammad Faroze, Sr. Resource Educator  
Jennifer Fimbel, Livestock Resource Educator  
Michael Fargione, Regional Educator,  
Tree & Stone Fruit Production  
Steve McKay, Regional Educator,  
Grape & Small Fruit Production  
Cheryl Hearty, Horticulture Educator  
Wendy Tremper-Wollerton, Diagnostic Lab Educator  
Nancy Halas, Sr. Administrative Asst.

## *Environment & Energy Program*

Allison M. Chatrchyan, Program Leader  
Neil Curri, Sr. Resource Educator, GIS Lab  
Carolyn Klocker, Resource Educator  
Vicky Buono, Sr. Administrative Asst.

## *Family & Consumer Education*

Christine Sargent, Program Leader  
Shayna Russo, Sr. Extension Resource Educator  
Eat Well Play Hard  
Nina Doyle, Sr. Resource Educator  
Relatives As Parents Program  
Laura Cornwall, Community Educator  
Financial Management  
Nancy Cimbrello, Community Educator Nutrition  
Mallory Stanford, Community Educator Nutrition  
Krista Adams, Program Educator Nutrition  
Irma Arce, Program Educator Nutrition  
Josephine Bernhard, Program Educator Nutrition  
Megan Murray, Program Educator Nutrition  
Sue Poff, Program Educator Nutrition  
Rebecca Lull, Database Specialist  
Joy Weber-Maass, Sr. Administrative Asst.

## *4-H Youth Development*

Fred Lauf, Program Leader  
Kelly Parker, 4-H Community Educator  
Lauren Drum, 4-H Community Educator  
Angela Sullivan, Sr. Administrative Asst.  
Helanna Bratman, Green Teen Beacon Coordinator

**Cornell Cooperative Extension Dutchess County**

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**[dutchess@cornell.edu](mailto:dutchess@cornell.edu)**



## 2010 Estimate of Financial Support

**COUNTY**

Appropriations	924,779	
Agreements/Contracts	353,205	
Use of Building	237,308	
<b>TOTAL County Funding</b>	<b>\$ 1,515,292</b>	<b>56.22%</b>

**FEDERAL**

Smith/Lever	8,000	
Grants	40,148	
<b>TOTAL Federal Funds</b>	<b>\$ 48,148</b>	<b>1.79%</b>

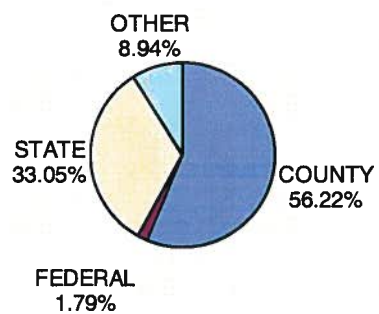
## STATE

224 Funds	96,770	
Fringe Benefits	543,862	
Grants	250,168	
<b>TOTAL State Funds</b>	<b>\$ 890,800</b>	<b>33.05%</b>

## OTHER

Grants	65,000	
Enrollment & Program Fees	71,620	
Reimbursement for Professional Services	6,900	
Contributions & Fundraising	55,075	
Rent, Sales, Interest, Etc.	42,450	
<b>TOTAL Other Funds</b>	<b>\$ 241,045</b>	<b>8.94%</b>

<b>TOTAL FUNDING</b>	<b>\$ 2,695,285</b>	<b>100.00%</b>
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# Working Together....

**...to build strong, healthy families and communities while enhancing Dutchess' economic, social, agricultural and natural resources, we can not accomplish this alone, and believe strongly in continuing our long history of working collaboratively to ensure a comprehensive approach to today's issues.**

Abilities First  
Adirondack Mountain Club  
Alamo EMS  
Astor Services for Children & Families  
American Farmland Trust  
American Legacy Foundation  
Anthony Bike Rental  
Association of NYS Youth Bureaus  
Beacon City School District  
Beacon Institute for Rivers & Estuaries  
Berkshire Taconic Community Foundation  
Cary Institute of Ecosystem Studies  
Casperkill Creek Watershed Coalition  
Catholic Charities  
Center for the Prevention of Child Abuse  
Central Hudson  
CHI Men's Shelter  
Child Care Council of Dutchess  
City of Poughkeepsie  
Clearwater  
Common Ground Farm  
Community Associations Institute  
Community Family Development  
Community Foundation of Dutchess County  
CCE Energy & Climate Change Team  
Cornell Urban Horticulture Institute  
Dairy Council, Inc. -  
Department of Mental Hygiene  
DC Agricultural Society  
DC Ag. & Farmland Protection Bd.  
DC Animal Response Team  
DC BOCES  
DC Boy & Girl Scouts  
DC Children's Services Council  
DC Community Action Partnership  
DC Community College  
DC Dairy Committee  
DC Department of Health  
DC Department of Labor  
DC Department of Planning & Development  
DC Department of Social Services  
DC Economic Development Corporation  
DC Emergency Management  
DC Environmental Management Council  
DC Farm Bureau  
DC Healthy Families  
DC Industrial Development Agency  
DC Legislature  
DC MS4 Coordination Committee  
DC Planning Federation  
DC Pomona Grange  
DC Professional Horseman's Association  
DC Real Property Tax Services  
DC Services for Aging, Veterans & Youth  
DC Sheep & Wool Growers  
DC Soil & Water Conservation District  
DC Tourism  
Dutchess ARC  
Dutchess Land Conservancy  
Dutchess Outreach  
Dutchess Watershed Coalition  
Dyson Foundation  
East of Hudson Watershed Program  
Eastern Dutchess Maternity Clinic

Eastern NY Holstein Club  
Elder Abuse Coalition  
Empire State Development Corp.  
Faith-Based Organizations  
Fall Kill Watershed Group  
Families First NY  
Family Partnership Center  
Family Services, Inc.  
Farm Service Agency, USDA  
Fishkill Creek Watershed Association  
Four Seasons Day Treatment Center  
Getaway, LLC  
Glynwood Center  
Grace Smith House  
Greater Southern Dutchess Chamber  
Green Briar Adult Home  
Hoe Bowl Poughkeepsie  
Homespun Foods  
Housatonic Valley Association  
Hudson River Community Health PCAP  
Hudson River Estuary Program  
Hudson River Healthcare  
Hudson River Housing, Riverhaven  
Hudson River Sloop Clearwater  
Hudson Valley CASH Coalition  
HV Equine Practitioner's Assoc.  
Hudson Valley Fresh  
HV Greenway Council  
Hudson Valley Pack & Paddle  
Hudson Valley PRISM  
Hudson Valley Regional Equine Committee  
Hudson Valley Renegades  
IBM  
Interfaith Towers  
Intergenerational Committee of Dutchess 2000  
Joseph's House  
Lakeview Arms  
Marist College  
McCabe & Mack  
Mediation Center of Dutchess County  
Mental Health America  
Mid Hudson Addiction Recovery Center  
Mid Hudson Alcohol Recovery Center  
Mid Hudson Building & Grounds  
Superintendent's Assoc.  
Mid-Hudson Childrens Museum  
Mid-Hudson Civic Center  
Mid-Hudson Combined Training & Dressage  
Mid-Hudson Dietetic Assoc.  
Mid-Hudson Energy Smart Communities  
Mid Hudson Green Industry Assoc.  
Millerton Skatepark Coalition  
MPower Center for Cultural Fitness  
NAILBA  
National 4-H Council  
New York Farm Viability Institute  
New York Main Street Alliance  
NYS 4-H Capital Days Committee  
NYS 4-H Foundation  
NYS Agriculture Experiment Station  
NYS Arborists Association  
NYS Department of Agriculture & Markets

NYS Dept. of Environmental Conservation  
NYS Department of Health  
NYS DOT  
NYS Div. of Criminal Justice Services  
NYSERDA  
NYS Jr. Holstein Association  
NYS Office of Children & Family Services  
NYS Office of Parks, Recreation & Historic Pres.  
NYS Office of Real Property Services  
NYS ReLeaf  
NYS Legislature  
NYS Urban Forestry & Community Council  
Northeast Community Center  
Oblong Land Conservancy  
Oblong Trails Association  
Park Place Shelter  
Pawling Recreation  
Pennsylvania Cooperative Extension  
Pine Plains FFA  
Planned Parenthood  
Poughkeepsie Area Chamber of Commerce  
Poughkeepsie Garden Club  
Poughkeepsie Farm Project  
Poughkeepsie One-Stop  
Price Chopper - Golub Foundation  
Progressive Dairy Goat Club  
Quackles  
Ramapo for Children  
Reach Out Food Pantry  
Reardon Briggs  
Rebuilding Together  
Rehab Programs  
Rhinebeck Continuing Treatment Center  
Rhinebeck Savings Bank  
Roosevelt/Vanderbilt/Valkill National Historic Sites  
Rotary International  
Rutgers Cooperative Extension  
Salvation Army  
Scenic Hudson  
School Districts in Dutchess County  
Smoke Free Dutchess  
Soul Dog  
Sprout Creek Farm  
Stewart's Chops  
Stony Kill Environmental Education Center  
Stony Kill Foundation  
Teen Resource Activity Center - Poughkeepsie  
Tenmile River Watershed Group  
The Living Room  
The Turning Point at St. Francis  
Trout Unlimited  
USDA & USDA NRCS  
US Park Service  
United Way of Dutchess County  
US Forest Service  
Vassar College  
Wappinger Creek Watershed Intermunicipal Council  
Wells Manor  
Winnakee Land Trust  
Women, Infants and Child Program (WIC)  
Workforce Investment Board  
Youth Services Unit  
YMCA  
Zuzu's Leaf & Bean



# Cornell Cooperative Extension Dutchess County Programs

## Agriculture and Horticulture

**Agricultural Programs** help farmers and communities to increase farming competitiveness and profitability, develop new markets while promoting existing ones, and ensure future harvests through marketing, education and tourism efforts.

**Horticulture Programs** promote best management practices for industry, communities and residents.

**Programs include** Technical workshops, Plant/Soil/Pest Diagnostic Lab and Hotline, volunteer Master Gardener training, Pest Management & Pesticide Safety, NYS DEC Certified Pesticide Applicator Training, Invasive Species Education, Crops including Field Crops, Farm Business Management, Equine Science, Certified Professional Arborist Training, Community Forestry and Farmland Preservation.

## 4-H Youth Development

**4-H Youth Development** connects Dutchess County Youth to the resources of Cornell University to help develop leadership, citizenship, and life skills.

The **4-H Club Program** involves youth ages 5-19 in hands-on learning activities including environment, robotics, agricultural science, horticulture, outdoor adventure skills, crafts, fine arts, sewing, fashion, foods, community service, public speaking, leadership opportunities and more. 4-H helps youth do better in school, learn to help others and feel more capable and responsible.

**Green Teen Community Gardening** is a youth development program that works year-round with at-risk teenagers in Beacon, NY. The Green Teen program empowers urban youth to be effective community change-agents by immersing them in the local food system. This youth development program teaches life and work skills through hands-on experiences in farming and gardening, health and nutrition, entrepreneurship and leadership.

## Family and Consumer Education

**Financial Management Programs** provide one to one and group education for achieving financial independence and stability including increasing savings, managing household budgets and reducing debt.

**Food, Nutrition & Wellness Program** improves health through classes for adults and youth in homes or community settings. Information includes food safety, cooking, healthy eating, food preservation, and physical activity.

**Relatives as Parents Program (RAPP)** assists grandparents and other relatives who have the role of caregiver for a related child through support groups and individual education.

## Environment and Energy

Through education, research and partnerships, the **Environment and Energy Program** empowers individuals and municipal officials to protect and restore the natural resources of Dutchess County. Environment Program staff are experts in their field and provide research-based education, training and tools to increase awareness, knowledge and action to address local and regional issues. We organize educational forums and workshops and train local officials to use Geographic Information Systems (GIS) for more informed land use planning. Staff provide education and support to members of Conservation Advisory Councils (CACs), the Dutchess County EMC, and local watershed groups. We answer information requests from the general public and provide outreach on issues including groundwater protection, septic and well maintenance, streams and wetlands, biodiversity habitat, land use and natural resource planning, air quality, energy conservation and climate change.



*Thanks to Our Volunteers and Donors in 2010!  
We made quite an impact in Dutchess County.*

