

This 2011 Annual Report *highlights* some of the many programs and projects the 4-H Foundation of New Hampshire funds on a yearly basis. Enjoy learning more about them.



Extension Educator, Larry Barker teaches participants how to load shot for muzzle loaders.



David Bishop, current chair of the 4-H Foundation of New Hampshire.

Join the 4-H Revolution of Responsibility

As one reflects on the 4-H experience, you see the basic elements of positive youth development actualized. Young people in New Hampshire 4-H create a bond with the over 3,500 volunteers who help mentor and support them through their multiple year 4-H experience. They ensure a safe environment where friends are made, lessons are learned and youth find ways to make a difference in their community.



4-H Foundation of New Hampshire Board

The 4-H Foundation of New Hampshire is proud to support the training of volunteers and recognize their years of achievement and dedication. 4-H adult volunteers contributed 83,178 hours to 4-H groups and 4-H activities this past year.

At the end of the year, volunteers reported: Youth learn responsibility and often engage in service to others through fundraising and community service projects. Statewide, over half the 4-H clubs conducted fund raising activities. The 4-H leaders report these projects raised \$90,370 for a variety of purposes, including county 4-H foundations, travel expenses for award winners, and projects to help those in need.

Statewide, three-quarters of the 4-H groups were involved in 669 community service learning projects, including 341 projects done by a 4-H group and 328 projects done by individual 4-H members. These projects were guided by 622 adult volunteers. In doing so, New Hampshire 4-H members and volunteers have joined the 4-H Revolution of Responsibility.

The 4-H Foundation of New Hampshire has set the goal to increase dollars raised to support the three national 4-H mission mandates of Science, Engineering and Technology (SET), Healthy Living and Citizenship/Civic Engagement.

I am surprised when I learn that often those involved in the 4-H program are unaware of the 4-H Foundation. We look to all donors and supporters for help in communicating with businesses, individuals and especially 4-H alumni who might be potential donors. Think about designating the 4-H Foundation when you want to honor or memorialize someone important to you.

The board looks forward to having you join us at annual fundraising events including the Farm and Forest Expo February 3 and 4, 2012, at the Center of NH in Manchester and the Tom Fairchild Friend of 4-H Golf Tournament May 18, 2012 at Candia Woods Country Club.

Sincerely,

Wendy L. Brock

Just the figures...

The yearly activities and events are important components of the 4-H Youth Development Program. Listed below are participation figures from this past year for 4-H Foundation-supported events.

National

4-H Conference - 3 youth
4-H Congress - 5 youth
National Dairy Conference- 1 youth
Dairy Quiz Bowl - 4 youth
Dairy Judging - 4 youth

Regional

ESE Animal Science- 91 youth
ESE New England Center - 56 youth
NE Regional Leader Forum-
12 volunteers

State

Activities Day - 155 youth
Dairy Judging - 24 youth
Dairy Show - 70 youth
Dairy Quiz Bowl - 48 youth
Hippology Contest - 74 youth
Horse Judging Contest - 74 youth
Horse Show - 107 youth
Horse Quiz Bowl - 48 youth
Teen Conference - 234 youth
4-H Barry Conservation Camp -
186 campers

An additional 225 adult volunteers supported the above events.

4-H Foundation

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4-H Goes to Jail through the 4-H LIFE Mentoring Program

4-H is making a difference for children of incarcerated parents through a new mentoring program known as 4-H LIFE. According to Jeff Slowikowski, acting administrator, Office of Juvenile Justice and Delinquency Prevention (OJJDP), over 15 million youth who need a mentor don't have one. It would cost over \$2 billion to meet this need using existing mentor models that pair a youth with an adult.

For this reason, National 4-H Council received a \$5 million grant from OJJDP to pilot group mentoring practices in each state using evidence-based 4-H program models. The 4-H LIFE mentoring program began in Missouri's federal prisons by Missouri Cooperative Extension, and is being piloted in Merrimack and Sullivan counties.

4-H LIFE is a prison-based program where inmates, their children and caregivers meet together for 4-H club meetings and activities focused on building youth development skills, and promoting a nurturing family environment. The program also tries to help these families find needed support in their own community, including ongoing 4-H involvement.

Incarceration creates disruption and stress in the life of an inmate's family, especially the children. Research shows children of offenders tend to feel isolated and lack the resources to build a healthy relationship with their parents. This nationally-recognized family strengthening program helps address the needs of these children.

Those inmates, youth and caregivers participating in 4-H LIFE learn basic 4-H principles during bi-weekly supervised family visits at the jails. For these meetings to be positive experiences for the young people, the incarcerated parents must attend a series of parenting classes and planning meetings prior to the family 4-H meetings. During the family visits, as in any 4-H Club, the youth assume leadership roles and run the 4-H business meetings. Their incarcerated parents serve as parent mentors, facilitating the activities and projects.

Caregivers, including grandparents, reported great enthusiasm among the youth who are having FUN with their incarcerated parent while learning leadership, communication and decision making skills. In reviewing one recent 4-H Family meeting, one inmate said he was proud and pleased his son was able to get up in front of a group to lead an activity, explaining the son has dyslexia and generally has trouble reading and writing.



A father is shown reading to his daughter in Sullivan County.

"One Million New Scientists, One Million New Ideas"

Across the nation, Cooperative Extension's 4-H Youth Development program has embarked on a mission to expand activities that engage young people in science education.

Given the importance of science, technology, engineering and math (STEM) to our nation's continued economic vitality and to young people's future job prospects, the UNH Cooperative Extension 4-H Youth Development program is joining the National 4-H Council campaign to promote STEM education, called "One Million New Scientists, One Million New Ideas."

New Hampshire has hosted two SET conferences on the UNH Campus supported by grants the 4-H Foundation of NH received from National 4-H Council. The youth/adult teams learned how to teach the program and will return to their counties to teach others what they learned at UNH.

4-H science skills were embedded into four different content areas. The 4-H model of "Learning by Doing" is particularly well-suited to teach the science skills of observation, planning and investigation. Participants left with all the tools necessary to bring the experience to other youth in their counties. One example comes from volunteer leader Carol McShane, after she and her son Ian attended the July, 2009 conference. McShane had taken a robotics class at the SET conference, and she found her son was interested, along with some of his friends, so they started their original FIRST (For Inspiration and Recognition of Science and Technology) Lego League team.



Jonathan DeRosa and Michael Liebfried with their wind turbine and sailboat at the 2011 4-H Science Everywhere program.



Rogue Robotics team members showcase their work at the Sullivan County Conversation, held earlier this year in Claremont.

A stipulation of the scholarship money they received for attending the conference was to bring something back to their community, forming a 4-H club with a focus on science, engineering and technology, where they began working on science activities with McShane and co-leader Kristen Pennell serving as their science leaders.

"None of us knew anything about robotics going in, and what my co-leader and I realized pretty quickly, was that Lego robotics is a great way to engage kids in science, engineering and technology. We found the program also provided a vehicle for leadership and teamwork and so many other life skills," McShane added.

Two years ago, the team decided to go with larger robots, but they needed \$10,000 to get the team up and running. They worked hard at community service projects, including using their bicycle maintenance skills to build bikes for kids in the community, and receiving support from community members to begin their journey with the larger robots. The 4-H Foundation of NH helped support the food and lodging costs for the team at state and regional competitions.

Team co-captain and club vice president Hannah Murray said being a part of the team, "taught me that it's possible to do anything with a variety of people. It's taught me how to work with others and how to build from the smallest idea." "Being part of the team will better prepare me for the future because we have to learn to work as a team, adapt to new challenges, help others, and overcome obstacles," she added.

Their team website (www.roguerobotsof4h.com), designed by team member Hannah Murray, keeps the team connected with the community.

Barry Conservation Camp-The Wonders of the Outdoors

Thank you to all the dedicated members of New Hampshire sportsmen's clubs, conservation clubs and commissions, NH Fish and Game, and the many community members who took part in the renovation of Barry



Barry Conservation Camp participants learned about trout stocking in New Hampshire.

Conservation Camp and provided scholarships for youth to attend camp. We celebrated the rededication June 25th of the many cabins, buildings and flag pole to ensure that today's youth and future generations can enjoy learning about the natural environment at Barry Conservation Camp, co-sponsored by NH Fish and Game and



A Barry Conservation camper learned how to fillet a fish.

UNH Extension 4-H Youth Development program. A dynamic camp staff worked with director Jamie Welsh and 4-H Extension Educator Larry Barker to excite the sense of discovery and exploration of northern New Hampshire. 4-H camp was almost full throughout the six weeks of camp where campers learned the 4-H way of "Hands on Learning." If you tried to recapture the summer you would hear that campers:

- took responsibility for our cabins and camp beautification.
- practiced teambuilding, accountability and responsibility.
- learned survival skills including shelter building, fire building, safe food and water, and participation in a fire-building competition.
- took part in classes on fish identification, ecology and habitats, fly-tying and casting, rod-rigging, and casting. Numerous flies were tied and tested for durability and attractiveness to trout in various water bodies.

- learned how to fillet fish and taste test a variety of cooking/seasoning methods that included filleting small/largemouth bass, perch, brown/brook/rainbow trout, pumpkinseed, and pickerel.

- hiked on an overnight trek following the Unknown Pond Trail practicing backpacking skills, trail safety, and learning about nature conservancy. The next day they participated in the canoe trip.

- were given a tour of the Berlin Fish Hatchery and learned about the trout stocking program in New Hampshire.
- Paddled on a canoe trip down the Magalloway River in Errol to the Umbagog National Wildlife Refuge finishing in the Androscoggin River.

They enjoyed viewing wildlife in a variety of areas such as forest, wetlands, and along the river banks including bald eagles, osprey, moose, muskrat and beaver. Many campers took advantage of the great locations and fished along the way. Over 36 percent of camper fees, or \$30,500, was provided in the form of scholarships for youth to attend 4-H camp at Barry this year. Three thousand-plus dollars was provided from the sale of merchandize from Bear Hill Camp last fall. The 4-H Foundation will continue to solicit more sponsorships for New Hampshire youth to attend camp in 2012. The camp could overflow with youth if more scholarship dollars become available.

To learn more about camp visit: extension.unh.edu/4H/4HCamps.htm.



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