

COOPERATIVE  
EXTENSION  
SERVICE

**UK**  
UNIVERSITY OF  
KENTUCKY  
College of Agriculture,  
Food and Environment  
[extension.ca.uky.edu](http://extension.ca.uky.edu)

# EXTENDING KNOWLEDGE *Changing Lives*



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[http://www2.ca.uky.edu/rcars/  
NRESci%20Academy.php](http://www2.ca.uky.edu/rcars/NRESci%20Academy.php)

When you support  
Extension, youth  
expand their  
education with  
experiential  
learning  
opportunities that  
provides insight  
into future career  
opportunities.



*The educational sessions address forestry, wildlife, water quality, and conservations.*

## Extension Developed a 4-H Natural Resources and Environmental Sciences Academy

*The three year intensive 4-H Natural Resources and  
Environmental Sciences Academy for eastern Kentucky  
youth fosters scientific inquiry, increases environmental  
literacy, promotes career paths in the natural sciences and  
develops leadership.*



The NRESci Academy has shown me the vast amount of career opportunities involving Natural Resources and Environmental Sciences. Studying the different core units (water, forestry, and wildlife) has really helped me in choosing what career I'd most enjoy pursuing.

*Destiney MacLean, NRESci Academy Graduate*

The Natural Resources and Environmental Sciences Academy (NRESci Adcademy) is conducted at the University of Kentucky Robinson Center for Appalachian Resource Sustainability (RCARS) in Jackson, Kentucky. A select group of scholars (youth from eastern Kentucky counties) commit to three years of educational programing. Current middle school and high school scholars from Leslie, Perry, Carter, Breathitt, Wolfe, Knott, and Owsley Counties are participating. Many of these scholars are from families who have never attended college. Applications to become a scholar must be submitted in the fall for students in 7th or 8th grade.

Programs are conducted by University Extension faculty, specialists, agents and staff. Each year of the three year program has a diff lity, forestry and entomology, and wildlife management. Scholars participate in a multi-day residential learning experience at the UK Robinson Forest Camp and partake in county-based service learning projects and quarterly meetings throughout the year designed to expose youth to different aspects of their focus area.



*Scholars work in teams to create projects during educational sessions and conducting community projects as they develop leadership skills.*



*Scholars work with University of Kentucky faculty and agents to learn about wildlife native to eastern Kentucky.*

*The NRESci Academy is a wonderful thing for young people, giving them an opportunity to work with some brilliant people that teach them about things that are important to their own community, such as wildlife and forestry. The NRESci Academy is an asset to any young person from eastern Kentucky because of the opportunities that it gives.*

*- Melissa, Parent of a Scholar*