

“I think 4-H is important even if you don’t live on a farm. Whatever project you take — photography, foods, clothing, art — being able to show off what you completed gives you a big sense of accomplishment. It’s very important that 4-H sticks around and continues to grow.”

—Lindsay Binegar, Highland County 4-H member

THE ESSENTIALS

Ohio State University Extension’s 4-H Youth Development program is among the strongest in the nation, with more than 336,000 urban and rural Ohio youth and more than 25,000 adult volunteers participating in 4-H programs.

According to a 2009 Tuft’s University Study of Positive Youth Development (<http://4-h.org/about/research.html>), 4-H members:

- Are more likely to see themselves going to college.
- Are 41% less likely to engage in risk behaviors.
- Score higher on goal setting and management skills.
- Perform better in science, engineering, and technology (SET).
- Have higher female involvement in SET programs.



## 4-H Earnings Used to Purchase a Home: \$40,000

### Value of 4-H: Priceless

Sure, 19-year-old Lindsay Binegar bought a house with \$40,000 in prize and sales money she accumulated over the years from showing hogs. But that’s not the real value of 4-H, she said.

“You learn so much,” she said. “You learn responsibility, and you learn respect toward your peers and toward adults. It’s like you have a family outside your own family.”

Binegar made headlines and appeared on the CBS Early Show when she bought a four-bedroom house with her savings on her parents’ advice. She paid cash and clears \$450 a month renting to relatives.

Now a sophomore studying early childcare at Ohio University–Chillicothe, Binegar looks back to the summer when she was 13, when she “wanted to be anywhere but in the barn from 7 to 10 every night,” and is proud she stuck with it. “There’s such a great payoff — not just in the money aspect, but in everything you learn.”

More information: <http://www.ohio4h.org>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.



## PREPARING YOUTH FOR SUCCESS

As Ohio's economy shifts from an industrial to a knowledge base, its young people need advanced skills in innovation and application of new technologies. Ohio State University Extension's 4-H Youth Development programs are perfectly positioned to deliver skills in communications, math, science, and research. 4-H already touches 330,000+ young lives in Ohio and is extending that reach through special in-school, after-school, and summer programs.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



"I've seen how much 5 County Solutions has changed Dorena's life, and I plan to use the resource tool for my next group of incoming Habitat for Humanity families." — Mary Jane West,

vice president, customer relations, National Bank & Trust

THE ESSENTIALS

- Clinton Metropolitan Housing Authority refers clientele to the website to help them make wise financial decisions with limited resources.
- When county commissioner Randy Riley decided that Clinton County needed a 211 service (a system that points users to essential human services), OSU Extension shared the 5 County Solutions database, which led to the development of a complete directory of community resources for the county.
- Health departments in surrounding counties use 5 County Solutions to provide clientele with recipes for healthy, economical meals.
- More than 3,000 visitors have turned to the 5 County Solutions website since November 2008.



## Cash-Strapped Ohioans Are Breathing Easier with New Community Resource Tool

Dorena Scott is much happier these days. She's settled into her first home, thanks to Habitat for Humanity, and she has the financial know-how to manage her assets, thanks to Ohio State University Extension.

The Clinton County resident turned to 5 County Solutions for resources on saving, budgeting, and credit card management. Since 2008, the one-stop shop resource tool has been helping ease the fear and stress of financial hardship by bringing local, state, and federal assistance directly to those who need it.

"It has changed my life. I don't know what I would have done without those resources," said Scott, who works at Thad Hollon Trucking. "A pop here. Coffee there. You throw away more money than you realize, and when you are living paycheck to paycheck, every little bit matters."

Scott's son, Cameron, is also catching the savings bug. "He's learning that when you throw away pennies, you are throwing away dollars, because it all adds up," said Scott.

More information: <http://5countysolutions.osu.edu> or on Facebook at <http://www.facebook.com/5countysolutions>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

## HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

## HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

## 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

## LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

## NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

## COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

## BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

## COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

## STRENGTHENING FAMILIES AND COMMUNITIES

Ohio State University Extension teaches people how to apply research in their daily lives in order to make informed choices about everything from finances to healthy living to food safety.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“Annie’s Project offers valuable hands-on tools that you can walk away with, and the knowledge that Extension offers more information and resources if you want to learn more.”

— Valerie Bumb, vice president, First National Bank of Bellevue

THE ESSENTIALS

- Women are principal operators on 9,127 (12%) Ohio farm operations; 40% of Ohio farms have at least one woman operator.
- In six-month surveys following the six-week Annie’s Project program:
  - 88% of participants were involved with goal-setting for the farm.
  - 67% became more involved in the farm decision-making process.
  - 50% adopted at least one new risk-management practice.
- Since the program was first offered in 2007, more than 7,000 women nationwide — including 282 Ohio women — have completed Annie’s Project.



## Annie’s Project: Better Decision-Making Can Boost the Bottom Line

Too often, banker Valerie Bumb sees fear in the eyes of farm wives.

“As a lender sitting across the table, I know it can seem scary when they come in and put themselves on the line,” said Bumb, who also is a partner in a family grain operation. “I always thought it would help if more farm wives had a better handle on the bottom line.”

When Bumb first heard that Ohio State University Extension offered Annie’s Project, she thought it might be just the thing. She signed up and came away impressed, even learning a few things herself.

Annie’s Project helps women in agriculture become more familiar with production risk, cash flow, and other business issues. Bumb says the sessions on communication, crop insurance, and grain marketing were eye-opening.

“With grain marketing, you need to be active, ask questions, read about it every day,” Bumb said. “It takes a lot of work. But when both spouses are involved in decision-making, that helps promote a more profitable operation.”

More information: <http://go.osu.edu/66>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## AGBIOSCIENCES

---

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

## HEALTH AND NUTRITION

---

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

## HOME AND FAMILY

---

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

## 4-H YOUTH DEVELOPMENT

---

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

## LAWN AND GARDEN

---

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

## NATURAL RESOURCES AND THE ENVIRONMENT

---

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

## COMMERCIAL HORTICULTURE

---

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

## BUSINESS AND ECONOMICS

---

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

## COMMUNITY

---

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

## STRENGTHENING FAMILIES AND COMMUNITIES

Ohio State University Extension teaches people how to apply research in their daily lives in order to make informed choices about everything from finances to healthy living to food safety.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“What I’ve learned in this process is that marketing is everything. BR&E has helped debunk a lot of downtown perceptions that have stifled economic growth.” —Dan Crouse, realtor, Warren, Ohio

THE ESSENTIALS

- In Van Wert County, BR&E participation has led to community partnerships, creating 690 new jobs and retaining 900 existing jobs.
- In Highland County, local officials became more aware of the specific needs of industries planning to add up to 70 new jobs over the next two to three years.
- The city of Strongsville relied on the BR&E program to identify specific planning strategies for improving the retail and service sector environments for their businesses and customers.
- NICORDA, a nine-county development partnership in north-central Ohio, has learned of common issues among the business partners in the region, better informing their regional development efforts.



Signature Program

## Revitalization and Job Creation/ Retention Are Goals of OSU Extension Initiative

Silkscreen t-shirt artist Tim Drummond could have taken his flourishing business to Florida. Instead, he chose to set up shop in his native hometown of Warren, Ohio. “It was an opportunity to help with the downtown revitalization efforts,” said Drummond, owner of Artistics Silk Screen & Design.

More than 100 retail businesses populate Main Street Warren, with better than 50% of them involved in Ohio State University Extension’s Business Retention and Expansion (BR&E) Initiative.

Community leaders saw the value in applying BR&E efforts to boost Main Street Warren and help turn around the 9% unemployment rate. “This document (Main Street Warren BR&E Program Plan) is a tremendous benefit and will be a valuable economic development tool in attracting new businesses, as well as retention of existing businesses through marketing strategies,” said City of Warren Mayor Michael J. O’Brien.

Based on an initial survey, 72% of businesses plan to remain in Main Street Warren, creating anywhere from 286 to 308 new jobs.

More information: <http://localecon.osu.edu/BRnE/>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.



## ADVANCING EMPLOYMENT AND INCOME OPPORTUNITIES

Innovation and entrepreneurship will drive Ohio's move to the new knowledge economy — and Ohio State University Extension is uniquely positioned to help. OSU Extension's economic, small business, and job development programs are tailored to local community needs in every county, whether metropolitan, rural, or a combination.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“For a minimal tax dollar expense in facilitating CarTeens through OSU Extension, we all benefit immeasurably from reduced juvenile traffic accidents, injuries, and deaths. It is hard to imagine a better use of our tax dollars.” — Steven E. Buck, magistrate, Muskingum County Juvenile Court

THE ESSENTIALS

- About half of Ohio’s 88 counties have CarTeens programs. The activities vary from county to county. Most include the court requirement. Some make one of the teen’s parents go too.
- Nearly 9,000 Ohio teens participated in CarTeens in 2009.
- Traffic crashes are the leading cause of teen deaths in America.
- Mile for mile, teens are involved in three times as many fatal crashes as all other drivers.
- In Ohio, teens are involved in more fatal crashes, and all crashes combined, than any other age group.
- The big contributing factors: inexperience, immaturity, and risky driving behaviors. CarTeens targets all three.



## New Study Shows CarTeens Participation Cuts Risky Teen Driving by One-Third

Traffic crashes are the leading cause of teen deaths in America. This 4-H program helps reduce the number of accidents.

Can teens be safer drivers? OSU Extension’s Jim Jordan thinks they can, knows how, and has the numbers to prove it. Jordan, a 4-H youth development educator in Butler County, works with 4-H’s CarTeens program, a driver intervention program for first-time juvenile offenders, and has made it the subject of his doctoral dissertation. Teens who go through CarTeens, Jordan’s research shows, see a significant improvement in their driving. Their risky driving behaviors, such as speeding, decline by more than a third.

Jordan has seen the benefits close to home. About 10% of Butler County’s traffic fatalities each year used to be teens; one year, a third of them were teens. The figures, he says, “were alarming.” But since the county started a zero-tolerance policy for teen driving violations — an automatic citation and, for first-timers, a court mandate to attend CarTeens — “we’ve reduced that in some years to none.”

More information: <http://www.ohio4h.org/youth/carteens.html>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.



## PREPARING YOUTH FOR SUCCESS

As Ohio's economy shifts from an industrial to a knowledge base, its young people need advanced skills in innovation and application of new technologies. Ohio State University Extension's 4-H Youth Development programs are perfectly positioned to deliver skills in communications, math, science, and research. 4-H already touches 330,000+ young lives in Ohio and is extending that reach through special in-school, after-school, and summer programs.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“OSU Extension Educator Melinda Huntley is a true champion for everything ‘Lake Erie,’ from smart growth and tourism principles to environmental and legislative issues that shape the entire Great Lakes region. She’s had a profound impact on my professional career.” — Mark Winchell,

*executive director, Ashtabula County Convention & Visitors Bureau*

THE ESSENTIALS

- Lake Erie tourism supports 119,000 Ohio jobs, generates more than \$750 million in state and local tax revenues, and generates nearly \$11 billion in visitor spending every year.
- Increasing Lake Erie tourism by just 10% — in Ashtabula County and all of Ohio’s seven coastal counties — would create nearly 12,000 new jobs, generate \$75 million in additional tax revenues, and bring in an additional \$1 billion in visitor spending.
- Ohio Sea Grant Director Jeff Reutter: “The tourism arena is a huge segment of Ohio’s economy, and Lake Erie is the driving force. There was not only an opportunity — there was a need for (Ohio Sea Grant) to get involved.”



## OSU Extension Is Helping Grow Lake Erie Tourism, an \$11 Billion Industry

Ohio Sea Grant’s Tourism Program helps coastal counties add new business and jobs — and keeps a unique place special.

Lake Erie tourism is good for Ohio. It brings jobs and economic development. And when Mark Winchell, executive director of the Ashtabula County Convention & Visitors Bureau, wanted to ramp it up in his county, he turned to Ohio Sea Grant’s Tourism Program, a part of OSU Extension.

Melinda Huntley, the program’s director, helped Winchell lead Ashtabula County’s first-ever Tourism Summit. With Huntley as facilitator, participants laid “the ground work,” Winchell says, “for a future vision of what Ashtabula County can be.” In fall 2010, the group rolled out its action plan.

Huntley has two goals in her work: broaden the economic impact of Lake Erie tourism; and identify, protect, and improve what makes the lake special. The aim is being sustainable. “Sustainable tourism diversifies the economy and gives a dollar value to the resources that make our communities unique,” she says — and that improves both our economy and the environment.

More information: <http://go.osu.edu/69>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## ENHANCING AGRICULTURE AND THE ENVIRONMENT

Ohio's diverse agricultural, horticultural, and forestry industries contribute more than \$94 billion to the state's economy every year. Ohio State University Extension assists with technology, marketing, and educational support, protecting Ohio's position in the global marketplace. OSU Extension also works to enhance and sustain the environment and natural areas in the state, balancing economic advancement with environmental sustainability.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“There is no better place than the Conservation Tillage and Technology Conference where you can get technical information and hands-on advice from researchers and fellow farmers on cost savings and ag production management techniques.” —Dave Brandt, Fairfield County farmer

THE ESSENTIALS

- The Conservation Tillage and Technology Conference is the most comprehensive conservation tillage event in the Midwest.
- Per Ohio State University research, 20–30 pounds of nitrogen can be stored with cover crops, thus saving a producer nearly \$5–\$15 per acre in fertilizer expense.
- Farmers surveyed at the CTC Conference suggested that the annual educational event saved each \$13 per acre, for a roughly \$7 million total value for the conference attendees.
- Upwards of 400 certified crop advisers (CCAs) attend each year, making it the largest CCA gathering in Ohio. CCAs value their increased knowledge at \$16 per acre. At an average of 30,000 acres overseen by each CCA, this amounts to a multi-million dollar impact.



Signature Program

## Valued No-Till Event Boosts Farm Profits

Fairfield County farmer Dave Brandt yanks an oilseed radish from his field. The cover crop boasts a taproot that can reach a foot in length and two to three inches in diameter. “Oilseed radish is nature’s plow,” said Brandt.

In the 32 years he has been growing cover crops, Brandt is amazed by this plant’s capabilities. And he thanks the Ohio State University Conservation Tillage and Technology Conference for introducing him to it.

“I first learned about oilseed radish five years ago at the conference,” said Brandt. “A year and a half after placing it into my crop rotation, I saw improved crop yields and lower input costs.”

It’s such results that conference attendees find invaluable. Conservation tillage affords many economic benefits, including reducing labor, saving time, saving fuel, reducing machinery wear, improving soil so as to increase yield, and reducing soil erosion.

More information: <http://ctc.osu.edu>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## ENHANCING AGRICULTURE AND THE ENVIRONMENT

Ohio's diverse agricultural, horticultural, and forestry industries contribute more than \$94 billion to the state's economy every year. Ohio State University Extension assists with technology, marketing, and educational support, protecting Ohio's position in the global marketplace. OSU Extension also works to enhance and sustain the environment and natural areas in the state, balancing economic advancement with environmental sustainability.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



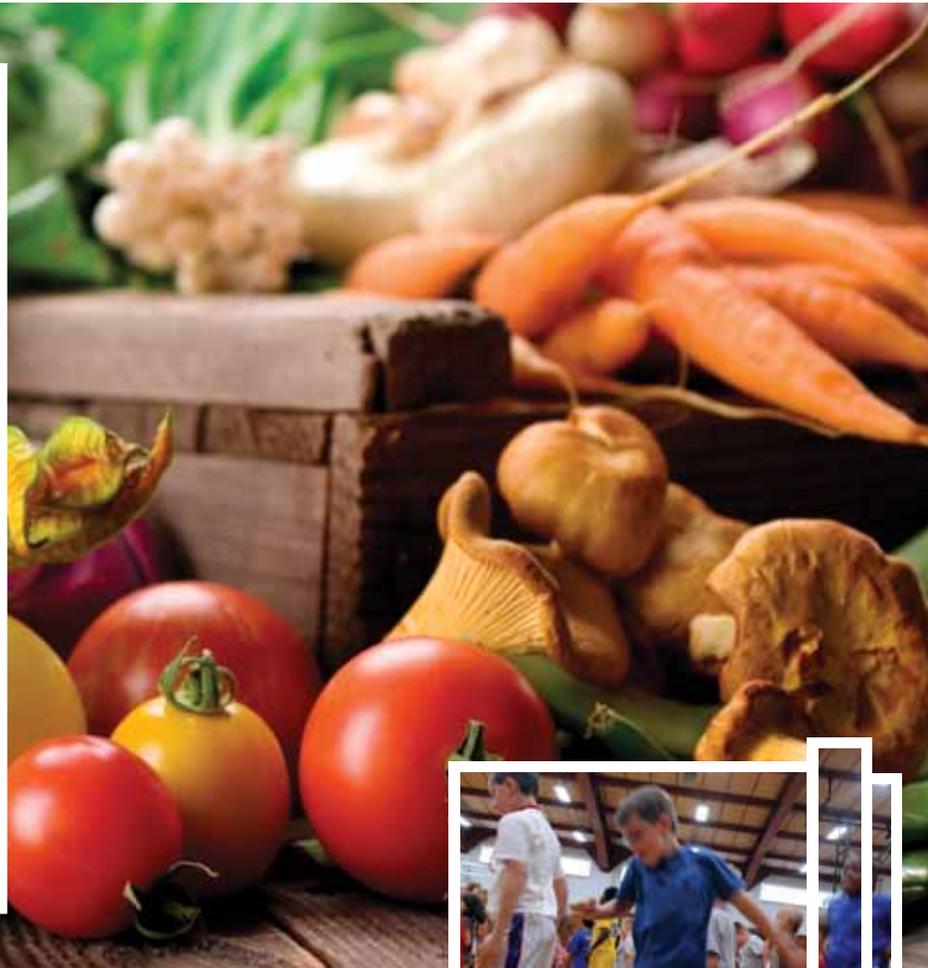
“After I took the nutrition class, I started keeping track of what I was eating. I lost 20 pounds, and I have been able to maintain that. My doctor said, ‘You made my day ... keep doing whatever you are doing.’ Now I’m looking at the next 20 pounds.” —Helen Ott of Coshocton, who participated in OSU Extension’s Expanded Food and Nutrition Education Program

THE ESSENTIALS

**OSU Extension offers a wide variety of nutrition programs and information:**

- The Expanded Food and Nutrition Education Program series is offered in 17 counties, reaching 5,946 adults (46% African American, 11% Latino) and 10,611 youth (49% African American, 9% Latino) in fiscal year 2009; 84% of adult participants improved in one or more nutrition practices during the course.
- Dining with Diabetes, a three-lesson class co-taught by Extension educators and local dietitians or certified diabetes educators, is offered across Ohio, reaching 5,125 individuals between July 2008 and June 2010; 93% learned how to manage their diabetes, 90% gained food safety skills, and 75% reported eating smaller portion sizes and knowing how to count carbohydrates.
- A childhood obesity program, “Choose It! Use It,” developed by OSU Extension in late 2010, is offered in schools, YMCAs, and after-school programs. A special feature: motivational videos featuring Buckeye athletes and former NFL player Shawn Harper.

Signature Program



## Reaching 1,000s with Food, Nutrition Information: ‘Extension Is Everywhere’

Christine Walters wondered what her daughter was doing in the bathroom for so long before dinner one evening. She was amazed at what she saw: Trinity, 6, was meticulously washing her hands. “She told me, you have to wash between your fingers, get your fingernails, and up to your arms,” Walters says.

Trinity is also drinking more milk. “And she lets me know about it if we don’t have vegetables on the table,” Walters says. “She points at the food: ‘This is healthy, this is not healthy.’”

Trinity took to heart Ohio State University Extension’s Family Nutrition Program lessons at the 2010 Wayne County Summer Food Service program. “She learned quite a lot,” Walters says — and she should know. Walters herself picked up tips when she sat in with her own mother at nutrition lessons OSU Extension presented at Creston Station senior apartment complex, and at a healthy living class OSU Extension offered at the free clinic. “OSU Extension is everywhere,” Walters says.

More information: <http://fnp.osu.edu/>

The Family Nutrition Program is offered in 66 counties. In fiscal year 2009, it offered 8,516 programs to 68,127 participants; 86% reported they planned to make healthy changes as a result.



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

## HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

## HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

## 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

## LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

## NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

## COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

## BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

## COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

## STRENGTHENING FAMILIES AND COMMUNITIES

Ohio State University Extension teaches people how to apply research in their daily lives in order to make informed choices about everything from finances to healthy living to food safety.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“The thing that impressed me was that the kids said they had a better understanding of what their parents go through. If you want your kids to have the opportunity to walk in your shoes, get them to Real Money, Real World.” —Gene Mays, North College Hill, Hamilton County

THE ESSENTIALS

OSU Extension's financial education programs also include:

- **New Start for Financial Success**, a financial education class for those going through bankruptcy. Classes, offered in 49 counties, are designed to meet court requirements.
- **Master Money Mentors**, in which OSU Extension trains volunteers to pair up with those who want some one-on-one assistance to get a handle on their finances.
- Teaching **Smart Money Choices** programs throughout the state in partnership with the Ohio Treasurer's office.
- OSU Extension **Housing Counseling Services**, targeted to underserved, high-foreclosure rural areas in Ohio. In 2010, 12 OSU Extension personnel were approved by the U.S. Department of Housing and Urban Development to offer such services.



Signature Program

## Extension Is Making Ohioans Money Smart

Gene and Tracy Mays always emphasized the importance of saving money; and by the time son Jelani was in fourth grade, Gene had given his son a spare check register to keep track of the money in his piggy bank.

“But he didn't grasp prioritizing, separating needs from wants,” Mays said.

Mays saw the light bulb go on for Jelani and other eighth-graders at North College Hill Junior High when Gene volunteered for Real Money, Real World. The Ohio State University Extension program offers basic personal finance lessons, highlighted by a simulation in which students, pretending they are 25 years old, must use an assigned income to pay for housing, transportation, groceries, and other expenses at booths staffed by community volunteers.

The event had an impact. “I tried to trim costs in entertainment and transportation,” Jelani said. But he ended up at the banker's booth, needing a loan. Now, he says, “I feel that if I want something but I don't have the money, then it's not really meant for me to have it.”

More information: <http://realmoneyrealworld.osu.edu/>

OSU Extension coordinates **Ohio Saves**, a partner of Ohio's “Save Now” program promoting savings and wealth accumulation. Between March and August 2010 784 Ohio Savers made deposits totaling \$736,740. In addition, more than 15,000 Ohioans are enrolled in local Saves programs in Cleveland, Columbus, and Hancock County.



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>





## STRENGTHENING FAMILIES AND COMMUNITIES

Ohio State University Extension teaches people how to apply research in their daily lives in order to make informed choices about everything from finances to healthy living to food safety.

# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

### AGBIOSCIENCES

---

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

---

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

---

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

---

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

---

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

---

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

---

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

---

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

---

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“OSU Extension has played a very vital role in this project. We are in an agricultural-based area that had a definite need and all the items essential for a renewable energy project of this kind. What we lacked in the Commissioners’ office was the expertise to convey that message properly. Extension’s expertise and wealth of knowledge is unbelievable and helped us do that. We found a wonderful marriage with OSU Extension. And we have a direct result here today.”

— Mike Wheeler, Wyandot County commissioner

THE ESSENTIALS

- The project’s construction phase created nearly 100 jobs.
- The workers received training in green energy technologies, where future hiring and job creation are expected to be strong.
- The project will keep more than 14,000 tons of greenhouse gas emissions out of the atmosphere every year.
- AEP Ohio has signed a 20-year agreement to buy the power produced at this facility.
- Three area high schools will have their own small solar-energy systems installed as part of the project, for science education and for training in solar technology.

## Wyandot County Has Become Ohio’s, Midwest’s Solar Leader

One community saw an opportunity — for the economy and the environment — and OSU Extension helped bring it home.

Wyandot County’s leaders weren’t sure a proposed solar power project would work there. Even if it would, they needed help planning it. So they turned to Ohio State University Extension for assistance with fact-finding, feasibility studies, public education forums, and the project’s coordination. The new Wyandot Solar Project came online in summer 2010. Some 160,000 solar panels on 85 acres generate enough energy to run 1,500 homes. It’s the only project like it in Ohio and the biggest in the Midwest.

OSU Extension’s Eric Romich, a Wyandot County economic development educator, helped lead the charge. He’s also now director of the county’s Office of Economic Development. “With solar energy being one of the Ohio Department of Development’s target industries,” Romich says, “we hope this will be a huge step toward diversifying our local economy and an opportunity for the state to capitalize on the growth of solar in Ohio and elsewhere.”

More information: <http://go.osu.edu/7E>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## ENHANCING AGRICULTURE AND THE ENVIRONMENT

Ohio's diverse agricultural, horticultural, and forestry industries contribute more than \$94 billion to the state's economy every year. Ohio State University Extension assists with technology, marketing, and educational support, protecting Ohio's position in the global marketplace. OSU Extension also works to enhance and sustain the environment and natural areas in the state, balancing economic advancement with environmental sustainability.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



"I think what OSU Extension has brought to my neighbors, and to my neighborhood, is hope — something that people didn't have before." — Joyce Hughes, president, Weinland Park Community Civic Association

THE ESSENTIALS

- In Cleveland, OSU Extension gives expert assistance to more than 200 community gardens on 60 acres, which together produce more than \$3 million worth of fresh food for residents.
- In Dayton, OSU Extension's 4-H Youth Development program and Five Rivers MetroParks co-sponsor Adventure Central, where youth ages 5–18 get out-of-school reading help, homework help, workplace prep, and more — all from positive, caring adults.
- OSU Extension's Why Trees Matter program shows city planners and residents why trees are good to have around, and better ways to grow them. Why? In Toledo alone, specialists with the program say trees generate benefits worth more than \$15 million a year.
- All of OSU Extension's urban programs — these and more — share a single mission: "Education to strengthen neighborhoods."



## Columbus Neighborhood Is Just One Example of OSU Extension's Urban Impact

Organizer says, "People now have an opportunity ... that otherwise might not be afforded to them."

High Street in Columbus used to be a great divide, with The Ohio State University on the west side, the Weinland Park area on the east, and rarely the twain did meet. Today, these neighbors are working together through OSU Extension's University District office to help residents get computer training, find jobs, earn their GED, do their taxes, manage their money, and learn about going to college. Because of OSU Extension's Susan Colbert, who heads the office, and her partnerships with Ohio State faculty and students and Weinland Park leaders, residents have gained 25 jobs with benefits through office-sponsored job fairs and some \$2.3 million in additional tax credits through the Volunteer Income Tax Assistance program. They now see a brighter future.

"We're not only bridging the digital divide," says Colbert of the office, part of OSU Extension's urban programs. "We're bridging the social, economic, and educational divide as well."

More information: <http://urbanprograms.osu.edu/>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.

## AGBIOSCIENCES

---

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

## HEALTH AND NUTRITION

---

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

## HOME AND FAMILY

---

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

## 4-H YOUTH DEVELOPMENT

---

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

## LAWN AND GARDEN

---

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

## NATURAL RESOURCES AND THE ENVIRONMENT

---

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

## COMMERCIAL HORTICULTURE

---

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

## BUSINESS AND ECONOMICS

---

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

## COMMUNITY

---

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

## STRENGTHENING FAMILIES AND COMMUNITIES

Ohio State University Extension teaches people how to apply research in their daily lives in order to make informed choices about everything from finances to healthy living to food safety.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



“The training and work experiences provided these folks will benefit Ohio’s forests for years to come.” —David Lytle, chief, Ohio Division of Forestry

THE ESSENTIALS

- Invasive tree species, such as tree-of-heaven and common buckthorn, have a competitive advantage over native trees. They grow faster, leaf out earlier, and crowd out natives.
- Many native trees, such as oaks, are highly valuable — for timber, wildlife, and recreation. The invasives are practically worthless.
- About one-third of Ohio, or more than 8 million acres, is forested and at risk. Included are 191,000 acres of state forest land in 21 counties.
- In all, Ohio’s forest industry generates \$15 billion in economic activity each year and supports 100,000 jobs.



## Program Creates Jobs, Trains New Workers for a Growing Ohio Industry

The Ohio Woodlands Job Corps took on invasive trees in Ohio’s state forests — and gained new skills for a lifetime.

Invasive tree species are hurting Ohio, yet there’s a shortage of qualified workers to fight them. So when the Ohio Division of Forestry received a \$4.4 million federal grant to train and hire Ohioans to control invasive tree species — specifically, in Ohio’s state forests — it partnered with Ohio State University Extension.

Forestry specialist Dave Apsley and others, skilled in teaching and outreach, helped lead the project’s training component, including multiple technical certifications. The Forestry Division, meanwhile, could focus on logistics: equipping, planning, and managing the work. In the end, the Ohio Woodlands Job Corps created 132 short-term jobs, improved at least 2,800 acres of Ohio’s state forests, and prepared the Ohioans who did this work for long-term jobs in an in-demand field.

Job Corps members gained “credentials to make them marketable in the job market,” Apsley says. Their work, he adds, “will have long-term positive impacts on the future of our forests.”

More information: <http://go.osu.edu/7D>



EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>



# OSU EXTENSION

We connect with people in all stages of life, from young children to older adults. We work with families and children, farmers and business owners, community leaders and elected officials to build better lives, better businesses, and better communities to make Ohio great. OSU Extension delivers targeted, relevant, research-backed information and programs to meet the needs of Ohioans at a local level and address emerging issues. OSU Extension is jointly funded through a line item in the State of Ohio's budget, from county funds, and by the federal government.



## ENHANCING AGRICULTURE AND THE ENVIRONMENT

Ohio's diverse agricultural, horticultural, and forestry industries contribute more than \$94 billion to the state's economy every year. Ohio State University Extension assists with technology, marketing, and educational support, protecting Ohio's position in the global marketplace. OSU Extension also works to enhance and sustain the environment and natural areas in the state, balancing economic advancement with environmental sustainability.

### AGBIOSCIENCES

We work with farmers to strengthen their businesses, adopt new technology, and improve efficiency while protecting the environment.

### HEALTH AND NUTRITION

We teach nutrition, food safety, and other life choice skills to help Ohioans live healthy lives.

### HOME AND FAMILY

We build strong families by offering programs and information to all Ohioans on childcare, parenting, family life, adult development and aging, and balancing life, jobs, and families. We also teach people to manage money and prepare for retirement.

### 4-H YOUTH DEVELOPMENT

Our 4-H program is part of a community of young people across America who learn about leadership, citizenship, and life skills. More than 330,000 young people, aged 5 to 19, experience hands-on learning through participation in clubs, camps, and after-school programs in urban, suburban, and rural communities statewide.

### LAWN AND GARDEN

Using Extension as a resource, homeowners enhance the value of their homes and communities. We also train Master Gardener Volunteers to apply and share research-based yard and garden information.

### NATURAL RESOURCES AND THE ENVIRONMENT

We protect Ohio's natural environment by working with landowners in managing woodlands and preserving streams and other water resources, such as Lake Erie.

### COMMERCIAL HORTICULTURE

We grow Ohio's important green industry by creating jobs, improving workforce skills, and enriching the knowledge of professionals in turfgrass management, landscaping, and nursery companies.

### BUSINESS AND ECONOMICS

Our job readiness training improves the skill level of potential employees and works with communities to attract new businesses and encourage retention and expansion among current employers.

### COMMUNITY

We enhance communities and neighborhoods by partnering with businesses, current and emerging community leaders, and elected and appointed officials. We inform residents, leaders, and entrepreneurs regarding local development issues and increase the knowledge base for individual and community decisions.

EMPOWERMENT THROUGH EDUCATION  
<http://extension.osu.edu>

