Creative Works and Media Competition Recognition





Creative Works and Media Competition Photo Feature

- 1st Place- Eric Barrett
- 2nd Place- Sabrina Schirtzinger
- 3rd Place- David Marrison







Tips for growing, maintaining your peonies

ROWS

Pruning perennials?

From delaying blooms to lowering plant

height to changing blooms size, there

are lots of interesting changes you can

make. Learn about when and how to

prune your perennials:

go.osu.edu/pruneperennials

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SIDE D + SOCIETY, D2 - PUZZLES & TV, D3 - COMICS, D4

Buy 2 Summer

Perennials

3rd one FREE!

GARDEN CENTRE

Top Boll & Com COLONIAL GARDENS

RSDAY

E 22, 2017 VINDICATOR | D1

VALLEY GROWS CALENDAR

WATER QUALITY CELEBRATION

+ When: Today, 4:30 to 8:30 p.m.

8.30 p.m. • What: Fun for the whole, family includes hayride to drone and pond dom-onstrations, see farm equipment up-close, composing servinar by Green Team, demensitira-tions including soil test-ing, amendments and more.

more. + Location: Mill Greek MetroParks Farm, Canfield. + Cost: Free + Infec http://go.osu. edu/celebratewaterSum-mer Welcome ASTRONOMICAL SUMMER HIKE + When: Today, 9-10:30

p.m. • What: Celebrate the first hill day of Astronomi-cel Summer 2017 with a back. Moonlight will be rainmal, so will hope for lightning bags! • Where: Stavich Bike Trail, 804 z. Liberty St., Lovellville.

+ Infec Call Ford Nature Center at 330-740-7107

BOTANICAL MORNINGS + When: Friday, 9-10 a.m.

 What: Discover the progress of seasons at Sellows Riverside Gard as spring makes way for summer.

summer. • Where: Fellows River: side Gardens, 123 McKin ley Ave., Youngstown.

+ Info: Call 330-740-711

ALL ABOUT MONARCHS + When: Saturday, 10-

+ What: Learn how to

What: Learn how to attract monarchs with tips that include creating a hospitable habitat for these lovely butterfles and other pollinators.

+ Cost SI2 FFRG. SIO

+ Cost: S5

11-30 a.m.

A Cost Free + Details: Moderate dif-ficulty, 4 miles.

VINDY.COM/VALLEYGROWS

Elliotta Colored Mulch • BLACK • BROWN • RED 500/100/100

Mulching veggies & annuals

Nikko Blue A beautiful solution for water pollution not best for Valley Q. I need a new hydrangea nursery has Nikko Blue. I best for our area? Rayfrom Car NO! Nikko Blue is a cultivar drangea macrophylia, but the recommended cultivars f the recommended culture in the Mahoning Val at is popular in virginities Carolina and certain those zone Southeast Ohio. In those zone quite well. It has perfectly bi ers and gets up to 8 feet tall. F every year it is a beauty. The pr

RAIN GARDEN Pain Garder

OHIO STATE UNIVERSITY EXTENSION

BRINGS THE KNOWLEDGE OF THE

UNIVERSITY DIRECTLY TO YOU

landscaping needs. For more information, call 330-533-5538, visit

vindy.com/valleygrows and fol-low us on Facebook and Twitter

The Ohio State University Extension provides advice

and solutions for your outdoor planting and

 Where: Fellows River-side Gardens, 123 McKin-loy Ave., Youngstown. + Details: Register/pay + Info: Call 330 740-7116 SUMMER EVENING WALK

+ When: June 24,7 to 8:30 p.m. 8:30 p.m. What: Join naturalist Marilyn Williams for a summer evening hike as we look and listen for sounds of the new sea- son. Moderate. 175 million Market Marke + Where: Judge Leo P. Morley Pavilion Parking Lot, 1861 McCollum Roat

+ Cest: Free + Info: 330-740-7107 TRACTOR-WAGON RIDES + When: Sunday, 1-4

What: Bring the fam-ily for a guided tractor wagon tour of the farm leaving about every half-hour

+ Where: MetroParks Farm, 7574 Columbiana Canfield Road, Canfield. Details: Barns are open to visit the animals. Do-nations accepted. Craft

+ Info: Call 330-533-7572 RECREATIONAL HIKE

+ When: Wednesday, 9

 What: Join our volun-teer led recreational hik + Where: Ford Nature Center, 840 Old Furnaci Cond Youngstown.

+ Cost: Free + Details: Walk at your own pace. Moderate ficulty, ? or 4 miles. + Infoc Call Ford Nature Center at 330-740-7107.

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"Blooms on old and new w tag when you purchase it unsure, search the interne on the cultivar that is be make sure it blooms on o Before planting o Before planting converse to the second secon

is this plan

ood. The buds an stems in August.

wood that is one year of ar's stems that are left th nter. Thus, these stem lower buds on them as t winter season. When the

ated from winter

very early spring, the b gone for the entire year. Your best bet for blue hy

to purchase a Hydrangea m or a Hydrangea serrata cu blooms on old and new v means the plant forms f in August, but also forms f chase a Hydr

Look for a

HOURS MON. - SAT. 9-7 Angrum's Greenhouse SUN. 9-5 330-533-2046 • OPEN 7 DAYS A WEEK LARGEST ALL ANNUALS Proven Winner SELECTION PERENNIALS & FLOWERING VEGETABLE FLOWERING SHRUBS PLANTS SHRUBS Roses HUGE HANGING Perennials 20% OFF Clematis EACH ALL BASKETS 9600 Columbiana-Canileto Nd. - Canileto OH Uwst 2 miles south of the Canileto Fairgrounds on Rt. 461 BASKETS



Winning Photo: **Eric Barrett**

Creative Works and Media Competition Program/ Event Press Release

- 1st Place- Christy Clary
- 2nd Place- David Marrison
- 3rd Place- Kathy Bruynis





Winning Program/ Event Press Release: Christy Clary

THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES OHIO ST

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The value of 4-H summer camps

"I have a conviction that a few weeks in a well-organized summer camp may be of more value educationally than a whole year of formal school work" Charles Eliot, Former President of Harvard University.

Those are powerful words from someone who has had the opportunity to work with an abundance of young people in formal education. Eliot recognizes the power of camp. Brown County 4-H Camp Counselor Ethan Neal refers to camp as a "magical place where people thrive" and the highlight of his summer. And that is truly part of the power of camp. Youth development is at the forefront of the camp experience. Learning experiences woven into the fabric of the camp, where campers don't realize they are learning to make decisions, resiliency, responsibility, and cooperation to name a few. ett Campers just know they an. are making new friends at, da and having fun.

A recent study by the American Camp Association reported that 70% of parents said their child gained self-confidence at camp: 93% of campers said that camp helped them get to know kids who were different than them;



Provided/The BROWN COUNTY PRESS

One of the flag caremonies at the 2016 Canter's Cave Junior high 4-H camp.

ending and we head into summer, there are a lot of opportunities and options for youth to be involved in, and I feel that sending your child to camp should be at the top of the list. There are a lot of options of camps out there, sports, church, scout, 4-H, YMCA, to just name a few. Making the right decision for your family is an important one.

One opportunity to consider are the Brown County 4-H Camps. There are camping opportunities for youth starting at age 5 and who have appreciated

available. Scholarship information is also on the w e b s i t e (http://brown.csu.edu/4hc amp) and are due May 18th.

Camps are planned by local teens that are selected to serve as camp counselors. Interested in more information on 4-H camp opportunities, check out our website at http://brown.osa.edu/4hca mp. All the registration materials and camp information is provided there. You can also call the OSU Extension Office at 937-

Creative Works and Media Competition Follow Up News Story/Press Release

• 1st Place- Christy Clary





Winning **Follow Up News** Story/ Press Release: Christy Clary

The Ohio State University

COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

The Brown County Press - Sunday, April 2, 2017 - Page 7 4-H holds CHEF Day Camp

The 4th H in 4-H stands for Health and we pledge our Health to better living. On Saturday March 6th, utilizing the Eastern Brown High School foods lab, a group of sixteen 4-H'ers in Brown County did just that at the C.H.E.F. Day Camp. C.H.E.F. stands for Cultivating Healthy Eating Fanatics and was a chance for youth to get hands-on experience in the kitchen.

Though food and nutrition was the focus of the day, the day started by discussing the importance of physical activity and reducing our stress. Theresa Ferrari, an OSU Extension Specialist for Healthy Living with the Ohio 4-H program, opened the discussion on physical activity and then led the youth on a short 4-H Yoga routine.

The rest of the morning was spent covering safe food handling, nutrition guidelines, budgeting, and meal planning. Youth were split into small groups and charged with planning a menu for the day including breakfast, lunch, dinner and a snack with two requirements: meeting the My-Plate guidelines set by USDA and using a budget of \$30 for a family of four. Christi Rockey, 4-H Volunteer and Foods Department Superintendent, covered portion sizes using measurements, but also how to estimate portion sizes with your hands. "Teaching them to judge portion sizes with their hands gives them a tool they can use anywhere" said Rockey. "Most

restaurant portions are easily three to four times what is recommended."

After menus were planned, groups then had to select lunch or dinner to cook. They were given a meal budget of \$15, a Kroger sales ad, and a list of provided pantry items to further aid in planning their meal. Following lunch and an overview of what to look for in the grocery store, participants loaded on a bus and went to Kroger. Upon arrival, manager Brent Wilson met with the youth, who were armed with their shopping lists, and gave them a quick introduction to the store and Kroger in general. Participants then

shopped in small groups to gather all the supplies they needed. After checking out and being over budget, 14-year-old Caitlyn Wills said "I learned how to read a label; you have to look at the total price, not just per pound." Wills' team had to regroup and adjust their menu to a different cut of meat to reduce their budget. Another group quickly learned the importance of using their store loyalty card: they went from being \$6 over budget, to under budget, after a visit to the customer service desk.

Before leaving Kroger, Wilson met with the group again to ask about their experience. Not to miss an opportunity, Wilson also told them to remember that when they turn 16 he is hiring. When asked what skills he was looking for in employees, Wilson said "A

smile; I can teach other things, but I can't teach you to smile."

school, the group covered proper table settings and watched a video on knife skills. The highlight of the day followed with the C.H.E.F. cooking showdown. Participants were given 45 minutes to cook their meals. Menus included chicken salad with pasta and alfredo sauce, rosemary pork chops with asparagus and pickled peppers, chicken cordon bacon, and several variations on fruit smoothies. Jarrett Ingle, 15, was a part of the group who attempted pork chops. Ingle said, "I learned I have to work on my time management, my pork chops weren't done on time. I also learned to make sure I am clear at the meat counter when ordering, these were bigger than I thought."

After cooking was, of course, the chance to sample all the great dishes. Groups received feedback about taste, presentation, portion size, and adherence to MyPlate recommendations. Ferrari told the youth they could cook for her anytime. The participants were challenged to try foods from other groups, even if they didn't think they would like the options. Ferrari said. "Sometimes you don't know if you like something until you try it, and part of getting kids to eat healthy is exposing them to different foods."

ticipants got a crash course

in Dishes 101 before cleaning up the kitchen. Rockey said, "You eat, you clean!" Parents were starting to arrive as this lesson was taking place, and laughed as they said now they can't claim they don't know how to do dishes.

At the end of the day, all the participants were asked to share about their experience. Cayden Wills, 9, was most excited about the fact that he "learned how to use a knife." One of the oldest participants shared, "I actually cooked something. I had never done anything more than microwave before." All of the participants said they felt they could cook at least part of a meal in the future.

"Tying all of these skills together from planning a budget and good nutrition, success at the grocery and the reality of preparation and cleanup has become a lost art. C.H.E.F is a chance to acquire those Family and Consumer Science skills that these youth will need throughout their adulthood," said Rockey.

C.H.E.F. was made possible by a grant from the Ohio 4-H Foundation, Brown County 4-H Committee, and Eastern Brown High School.

The 4-H program is part of the Ohio State University Extension services. For more information on the 4-H program and how to get involved, contact the Brown County OSU Extension office at 937-378-6716.

After sampling, the par-

Upon returning to the

Creative Works and Media Competition Personal Column

- 1st Place- David Marrison
- 2nd Place- Chris Penrose, Pam Montgomery, Amy Grove, Jenny Lindimore
- 3rd Place- Christine Gelley







Winning Personal Column: **David Marrison**

appy New Year Ashtabula County! As we begin 2017, I would like to pause and reflect on the major news stories of 2016. I think it is easy to say that 2016 will be long remembered for the presidential election race. First it was the action in

the primary elections and then it was capped off by the contentious battle between The Donald and Hillary.

Few years will match 2016 for its political upheaval and its divisive-



Ashtabula County, we have a lot to be proud of and our local farmers are a tough bunch that is able to react to any condition thrown their way; especially from Mother Nature.

Today, I would like share mv +

The shepherd's responsibilities also included seeking out the lost, guarding the sheep from the attacks of predators and wild animals, and often placing their own lives in danger to protect their flocks.

In preparation for this column, I found an article from H.G. Bishop Youssef who wrote the following about shepherds: "The welfare of the flock was entirely dependent upon the management afforded them by their shepherd.

Shepherd in the 23rd Psalm. He believed with the Lord as our Shepherd we are not lacking. He will take care of us, manage our lives, and make it beneficial and fruitful in much the same manner only greater than the Old Testament shepherds cared for and nurtured their sheep. The Good Shepherd and

SUBMITTED

t this

sion

those under the Good Shepherd's direction will look after the sheep even to the point of giving their lives for the sheep. So as we celebrate the

2016 Christmas season, he Shepherd of

t the end of last month, as part of my state-wide esponsibilities to OSU Extension, I assisted with OSU Extension's Ag Outlook

Farm Life

Extension Talk

As with most years, meetings we discussed the market outlook for corn, soybean, wheat, dairy, swine and beef cattle. Additionally, this year's meetings took a peak at the policy and tax changes that may be on the horizon with a Republican controlled presidency and Con-

I was excited to be gress. able to speak at part of these outlook meetings and share the tax out-As an economist, it



MARRISON

Thirleeen women participated in a Record Keeping and Farm Tax Workshop Feb. 11 at the Ashtabula County Ex-tension office. The record keeping nortion was taught by OSU Extension Associate Protector Reuse Cleveneer vi Thirteeen women participated in a Record Keeping and Farm Tax Workshop Feb. 11 at the Ashtabula County Ex-tension office. The record keeping portion was taught by OSU Extension Associate Professor Bruce Clevenger via ZOOM technology. Now is the time to keep an eye on tax reforms on the horizon.

Expensing of Equip-ment and Buildings

may look like a goo move but in the lon run it could mean l taxes for farmers a small businesses. Currently, Ameri can pass on \$5.49 lion to their heir(s free when they die federal estate tax l also includes porta ity to a spouse, wh essentially means

a couple we can p on a combined \$1 million tax free to Even better, Ohi heirs.

Be careful what you wish for The border adjustment tax along coupled with the proposed reductions in the tax rates for businesses should be a major catalyst for businesses here in the United States. So, how will the border adjustment tax af-

DAVID MARRISON | FOR THE STAR BEACON

oday, families all over the world will gather together to celebrate Christmas. My sincere hope for each of you is that you celebrate Christmas for its real reason.

SUNDAY, FEBRUARY 26, 201

My perception is that for many, Christmas is not the celebration of the greatest gift, but rather a pile of presents, gift cards and over-indulgence. at at my



ized sector of agricul-

DAVID MARRISO from those who are more

shepherd-like versus royal-like. So let's look at sheep and shepherds. It has been said the oldest or-

Celebrate the Good Shepherd meat was eaten at sacrificial meals, sheepskin was used for clothing and the

ram's horns were used for musical instruments and oil containers.

Our last Agricultural Census reported there are 121,000 sheep in Ohio and here in Ashtabula County, over \$164,000 of sheep and goats are marketed each year by

our farmers. The female sheep are called ewes, males are called rams and young alled lambs. Creative Works and Media Competition Periodical Publication

- 1st Place- Christine Gelley
- 2nd Place- Shannon Carter
- 3rd Place- Travis West
- HM- Theresa Ferrari





Should I add more legumes to my pasture? cont'd from page 37

of seed you will need. From here on, I will assume we are adding to pastures as they exist.

2 Do you already have some legumes? If 30 percent or more of your

pasture is already composed of legumes, you probably have enough to work with already. If you have some, but less than you would like. managing grazing or cutting height can help you boost the amount of legumes you see.

Most of the grasses that we use in our forages' systems will grow to

higher heights than our legumes. If the canopy above the legumes is too thick, sunlight won't filter down to the legumes, and this will lead to reduced growth. Keeping pasture height managed with consideration of both the grasses and legumes should allow both to thrive if all other factors (soil texture, pH, fertility and soil moisture) are adequate.

3 Are you adding annual or

Annual legumes, like crimson

clover, soybean or cowpea, will only

Unless legumes were already

widely dispersed in a pasture recently,

it is unlikely that the soil bacteria you

need are there to form these mutual

relationships. Therefore, the seed you

plant needs to be inoculated (treated)

with the live bacteria in a stable form.

Some legume seed is sold inoculated,

you will need to inoculate it before

perennial legumes?

Inoculation: Why

does it matter?

planting.

persist for that growing season. These legumes typically require more soil preparation and have stricter planting guidelines than perennial legumes, but they pair well with annual grasses and work well in rotation with other annual

Perennial legumes like white and red clover, alfalfa, birdsfoot trefoil, sericea lespedeza and perennial peanut will persist for multiple years and have the potential to spread throughout the pasture by seed, stolons or rhizomes. Perennial

legumes are usually good options

PLANTING



for adding legumes to an existing perennial grass pasture. Frostseeding is a popular method of establishment.

How do I know what leaume will work for me? Species and variety selection

ned based on your

soil tests, pasture agement plans. re conducted across :h year, and results n unbiased reports cess through your office, agricultural aler and often ur state's land-grant

ts will help you species and varieties , as well as provide appropriate seeding ing conditions, iniques and, often, analysis.

please reach out. services available to a decision based on zed for your specific extension personnel e services, and we are ou along the way.

3 of adding legumes to sture or hayfields are there are important der before you plant situation is slightly and error is the most learn what works for reduce the amount ounter by being fully your pastures and uction goals for your als.

Winning Periodical **Publication:** Christine Gelley

Should I add more legumes to my pasture?

Christine Gelley for Progressive Forage

AT A GLANCE

Including legumes in grass pastures has the potential to increase the overall nutritive value of the pasture and decrease the need for supplemental nitrogen fertilizer. Find out if you should add more legumes to your pasture.

There is something special about legumes that set them apart from other forages.

Legumes have the ability to sustain beneficial relationships with soil bacteria. These bacteria convert organic nitrogen (N2) - which is a form of nitrogen that plants cannot utilize - into inorganic nitrogen (NH4+) that plants can use. The bacteria benefits from the nutrients in the legumes' root system, and the legumes benefit from the release of nitrogen from the bacteria.

You may think, "Wow! Free nitrogen. That sounds like a no-

brainer. Who doesn't want free nitrogen fertilizer?" Well, it may be a little more complicated than that.

If a surplus of nitrogen is already available in the soil, adding legumes won't solicit a noticeable result. But if there is a lack of available nitrogen, then a difference may be observed. In other words, if you regularly

fertilize your pasture with a source of nitrogen and add legumes, the yield may not differ. However, if you never apply nitrogen fertilizer, aside from the manure of grazing animals, you will probably observe a difference after adding inoculated legumes.

This sounds good - tell me about nutritive value

but some is not - which means

Some common crops that belong to the legume family include alfalfa, clovers, beans and peas. The weed that ate the South, kudzu, is also a legume. In general, legume forages have low fiber content and high protein content. Animal intake on legumes in pasture and on hay is

increase or maintain body condition scores during crucial times. However, consuming too much legume forage can cause bloat due to a lack of adequate fiber.

higher than on grasses, and so is

With appropriate management,

this can equate to an increased rate of

growth for livestock and the ability to

digestibility.

How much do I need?

Determining the appropriate proportion of legumes to add to a predominantly grass pasture depends on a few factors.

Do you plan to renovate the pasture or just add to it? This will determine how many options you have for seed, your planting methods and the amount

Continued on page 38

If a surplus of nitrogen is already available in the soil, adding legumes won't solicit a noticeable result. But if there is a lack of available nitrogen. then a difference may be observed.

Creative Works and Media Competition Radio Interview

 1st Place- Jerry Illes and Connie Smith; Local Foods Tour





Creative Works and Media Competition Television Interview

1st Place-Christine Gelley







Winning Television Interview: Christine Gelley



Creative Works and Media Competition Video, CD, DVD, or Podcast

- 1st Place- Melinda Hill, Kate Shumaker, Sarah Nussbaum, Joe Smithberger
- 2nd Place- Kate Shumaker and Mark Lonsinger





Creative Works and Media Competition Video, CD, DVD, or Podcast-Con't

- 3rd Place- Doug Foxx, Lisa Parker, Brianna Lindeman, Rory Lewandowski, Stephen Heppe, Darcy Becker, Sharon Rebman, Susan Shaffer, Sara Meeks, Suzanne Ferencak, Nicole Swavel, Victoria Birk, Chris Smedley, Melinda Hill
- HM- Gigi Neal







How to Use a Water Bath Canner - YouTube

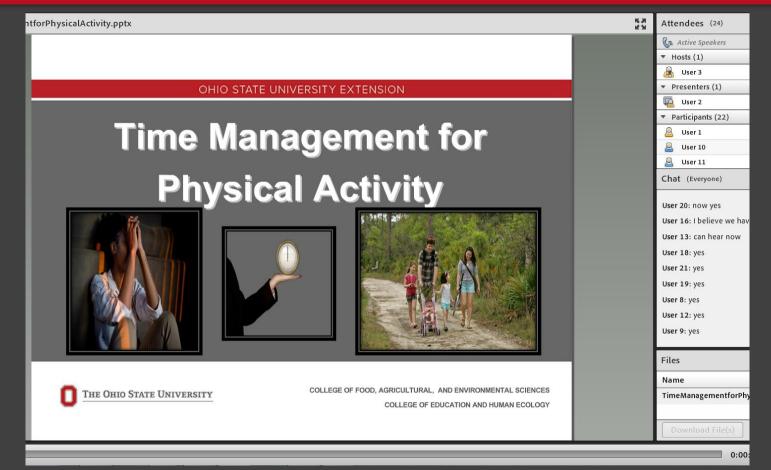


Winning Instructional Video: Melinda Hill, Kate Shumaker, Sarah Nussbaum, Joe Smithberger Creative Works and Media Competition Computer Generated Presentation

- 1st Place Misty Harmon and Michelle Treber
- 2nd Place- Eric Barrett, Rob Leeds, Christie Leeds
- 3rd Place- Pat Brinkman
- HM- Timothy McDermott







Winning Computer Generated Presentation: Misty Harmon and Michelle Treber

THE OHIO STATE UNIVERSITY COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

Creative Works and Media Competition Educational Exhibit

- 1st Place- Theresa Ferrari, Carol Smathers, Katie Riemenschneider, Amy Fovargue
- 2nd Place- Kathy Green, Pat Holmes, Amanda Woods, Amy Meehan, Laura Akgerman, Marilyn Rabe, Michelle Treber, Heather Reister, Misty Harmon, Amanda Bohlen, Diane Barga, Candace Heer, Amanda Rysz, Sara Creamer, Jim Bates, Linda Newman, Stacey Baker





Creative Works and Media Competition Educational Exhibit, Con't

- 3rd Place- Eric Barrett, Beth Smith, Beth Stefura, Lori Moff, Haley Drake, Joe Paloski, Ruth Griffis, Sissy Stubbs, Robin Adams
- HM- Angela Holmes
- HM- Tammy Jones
- HM- Gigi Neal and Trevor Corboy













THE OHIO STATE UNIVERSITY COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES Winning Educational Exhibit: Theresa Ferrari, Carol Smathers, Katie Riemenschneider, Amy Fovargue

Creative Works and Media Competition Promotional Exhibit

- 1st Place- Heather Goetke
- 2nd Place- Hannah Epley







D THE OHIO STATE UNIVERSITY COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES

Winning Promotional Exhibit: Heather Goetke

Creative Works and Media Competition Team Newsletter

- 1st Place- Kelley Scott, Connie Smith, and Fairfield County Master Gardener
 Volunteers
- 2nd Place- Heather Reister, Cindy Meyer, Kevin Harris





Creative Works and Media Competition Team Newsletter, Con't

- 3rd Place- Amanda Raines, Mark Light, Carol Wagner
- HM- Kiersten Heckel, Astra Armstrong, Christine Kendle





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Winning Team Newsletter: Kelley Scott, Connie Smith, and Fairfield **County Master** Gardener Volunteers







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Autumn 2017

A Quarterly Newsletter of the OSU Extension Fairfield County Master Gardeners

Inside this issue:

Cover Article Who do you "blame" for Page your garden fever? 1

Connie's Corner A message from our MG Coordinator

MG and Garden News News and updates, community projects, and

Garden Tales and Tips Hummingbirds, flowers, and more about weeds!

Destination Gardens Unique gardens near and Pages far. 7.9 12

Garden Musings Gardening for profit and Pages lemons?/? 6.13

Ripe for the Picking Goodies and more goodies

In/Around the Garden See what's happening in and around the garden

Birthday Wishes Happy birthday to our Master Gardeners!



COLLEGE OF FOOD, AGRICULTURAL. AND ENVIRONMENTAL SCIENCES



Mission: To make a difference in the community in which you live through gardening education and knowledge. **Growing Up Gardening**

by Bruce Garrett, Master Gardener 2015

At an MGV get together not too long ago, the discussion centered on Page why/how we got into gardening. For those who "blamed" some thing or Pages event from their childhood, the memories seemed focused on one of two remembrances. The first group I label the "Walton Memories." These are the folks who paint a picture of growing up in a lush garden with a parent or grandparent usually, plants providing abundant fruit and vegetables, bluebirds and butterflies flying around and quiet music playing on a 78 degree (F) day with no sunblock required.

The other group was my group, what I call the "child indentured servant" group. Many of you were a member Page of this group I'm sure. The group whose parents had kids, not for the patter of feet throughout the house, but for a captivated workforce for the house, yard or farm. The group who started performing tasks at a young age that would bring Children Services and law enforcement to your house if you had your children do the same thing today. The group that still has all fingers and toes, or at least most of them, after all the childhood use of mowers, hedge clippers, knives, machetes and other implements of mayhem. Let me tell my sad, sad story.



Sometimes in the fall, but most often in the spring, when the garden was awash in mud, my dad would send me there with a garden spade to "turn over the garden." This involved a spade that was my height and half my weight and digging into the soil, lifting this clump of dirt and then redepositing it, top side down, bottom up, one clump after another until the whole garden was "turned over." I approached the backyard garden with the same sense of awe and dread that I'm sure the early settlers had as they contemplated how to turn under the vast prairies for planting. At least part had to be done in March so that the potatoes and peas could be

In later years, Dad softened a bit and hired Mr. Frank to bring his Gravely tiller to do this job. Never had I seen a more wonderful machine and person. Almost had the urge to kiss him but I don't think his wife even did that. However, this "Jack Sprat" couple must have managed to get together some as they had numerous kids, enough that I, the paperboy, only delivered to them riding at a break neck speed past their house, slinging paper towards the porch, always in fear that the mob of feral children would attack and take my bicycle.

Through the Vine–Volume 7 Number 3

Creative Works and Media Competition Individual Newsletter

- 1st Place- Erika Lyon
- 2nd Place- Christine Gelley
- 3rd Place- Patty House





SION

to Source: Pixabay

May-June 2017

$(\mathbf{C}(\mathbf{O}))$ Agriculture & Natural Resource news and events for Jefferson County

SPRINGING INTO SUMMER ...

...means the farmers' markets will be opening up soon! Farmers' markets provide great opportunities to support the community and are a fun activity to do with the family. It is often said that fresh fruits and vegetables have a better flavor than some store bought produce. You are also purchasing food direct from the local farmer, no long-distance travel required. The Gateway Farmers' Market begins the 14th of June on Wednesdays at 4:30pm at Eastern Gateway Community College. June 22 is the start date for the Downtown Farmers' Market, which runs on Thursdays from 8:00am to 1:00pm on 4th and South Streets in Steubenville.

I have received quite a few questions on Pesticide Applicator Testing and the process to obtain a pesticide license. Information on the pesticide exam and general procedures are included in this newsletter. A link to an online survey is included as well to help our office get an idea of when and where we should be

hosting exams.

Some local programs coming up in the near future include a Woodland Invasives Update (if you are wondering why your tree is dying this summer), the Extension Celebration, and several Pasture Walks with the Eastern Ohio Grazing Council. Also, Conservation in Your Backyard continues at the Harrison County Fairgrounds. We hope to see you there!

Extension Educator, Agriculture & Natural Resources Ohio State University Extension

THIS ISSUE

In this issue: photographing wildlife

> Steps to getting a pesticide license Fruit & vegetable harvest times and resources New OSU publications Green(er) Space Blog Establishing new forage stands Food grade corn New forages website Black rot of grapes Roundup for Lawns Outdoor photo tips: objects in motion Spring-summer calendar Extension's Most Wanted

Upcoming programs

Get to Know Your Local Farmers' Markets - Back in full swing beginning in June -Farmers' Gateway Market at Eastern Gateway Contrainity College Downtown Steaberville Farmers' Mark Look for the OSU Gardener Volunteers at the Farme

Winning Individual Newsletter: Erika Lyon

Creative Works Promotional Flyer

- 1st Place- Kate Shumaker and Ashley Gerber
- 2nd Place- Ed Brown
- 3rd Place- Tammy Jones
- HM- Christy Clary
- HM- Angela Holmes

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On the Menu

- Day 1: Pasta, Pasta Safety First
- A short lesson on kitchen safety Garden Pasta Salad
- Health & Safety form completed by Adults
- Four Cheese Macaroni Baked Pizza Past

Winning Promotional Flyer: Kate Shumaker and Ashley Gerber







Creative Works and Media Competition Promotional Package- Individual

- 1st Place- Danae Wolfe
- 2nd Place- Patty House
- 3rd Place- Christy Clary





What is the MakerMovement?

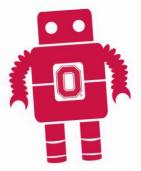
The Maker Movement is inspiring communities of entrepreneurers, builders, and inventors to come together and share ideas and innovations.

There have been over 400 Maker Faires organized around the world since 2012.

The world's crowdfunding sites reached close to \$5 billion in transactions last year. By

2025, the crowdfunding investment market is projected to reach \$93 billion.

The 3D printing market is projected to be worth \$8 billion by 2020. World demand for 3D printing is projected to increase more than 20% per year to \$5 billion in 2017.



Resources

go.osu.edu/makermovementscope go.osu.edu/makermovementjoe whitehouse.gov/nation-of-makers extedtechs.org/mail go.osu.edu/osuete

How can the Cooperative Extension System bol

It is now Extension's moment to take a leadership role in the Make and resources of the Land Grant University system. We have the skills to connect makers, support them in their entrepreneurial en will democratize access to the tools of innovation. Extension can host workshops on Lean Startup Principles, facilitate Startup Wee for youth. We can support this movement in similar ways we've tra industry. Likewise, makers can work with Extension as volunteers lead/teach in 4-H, and help us confront complex community issue



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TENSION

Winning Promotional Package Individual: Danae Wolfe

OHIO STATE UNIVERSITY EXTENSION

MakerMovement Agriculture, Horticulture, & Natural Resources

Winemaking



Impact areas

Homebrewing

Environmental Quality & Sustainable Food Systems

Gardening

Importance

Ohio beer manufacturers spend an estimated \$4 million annually on the purchase of hops to produce craft beers. Creative Works and Media Competition Promotional Package- Team

- 1st Place- Dennis Riethman and Jill Ellis
- 2nd Place- Rachael Fraley and Paige Matney
- 3rd Place- Jason Hedrick, Mark Light, Kelly Coble





Winning Promotional Package Team: Dennis Riethman and Jill Ellis

2017 Lawn & **Gardening Talks**

This is the third year for this series of seven monthly talks that cover a wide variety of lawn and garden topics. Each month will bring a different speaker that is well versed in the topic of the month

It is not required to attend every session. Feel free to pick and choose what topics are of interest to you!



As always, you may contact Denny at the you have questions.

MARCH 29, 2017

- Beginning Your 2017 Garden
- Organic Gardening .

APRIL 26, 2017

- Square Foot Gardening
- Container Gardening

MAY 31, 2017

Composting Made Simple

JUNE 28, 2017

 Managing Weeds in the Garden and Home Landscape

JULY 26, 2017

 "Herbs 102" - A continuation from vear's talk. Growing and Using Herbs *Including sage, cilantro, oreg borage, rue, bee balm and wi savorv!

AUGUST 30, 2017

 Basics of Pruning in the Home Landscape

SEPTEMBER 27, 2017

- Saving My Patio Plants
- Houseplants



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Creative Works and Media Competition Educational Tool

- 1st Place- Sue Hogan
- 2nd Place- Carol Smathers, Theresa Ferrari
- 3rd Place- Joanna Fifner
- HM- Michelle Stumbo, Dan Short, Bryna Butler





Winning Educational Tool: Sue Hogan



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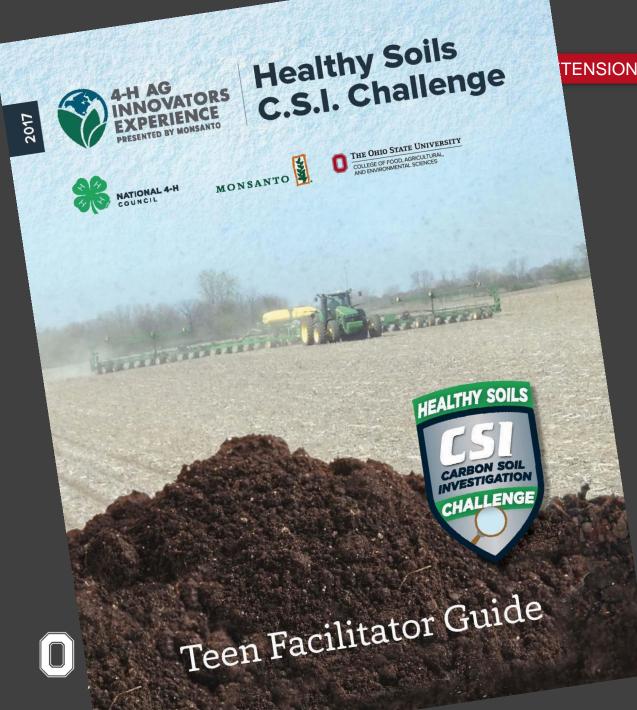
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Creative Works and Media Competition Curriculum Package

- 1st Place- Patty House, Bob Horton, Harold Watters
- 2nd Place- Jo Williams, Hannah Epley, Christy Clary, Kathy Bruynis, Jessica Rockey, Cassie Anderson, Mary Beth Albright, Nate Arnett, Phil Goerig, Morgan Domokos, Katie Cole, Becca Goodman, Nadine Fogt
- 3rd Place- Melinda Hill, Joanna Fifner

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Winning Curriculum Package: Patty House, Bob Horton, Harold Watters

Creative Works and Media Competition Fact Sheet

- 1st Place- Sabrina Schirtzinger and Tim McDermott
- 2nd Place- Scott Hardy and Tory Gabriel
- 3rd Place- Kate Shumaker and Christine Kendle





Creative Works and Media Competition Fact Sheet, Con't

- HM- Pat Brinkman
- HM- Lucinda Miller, Nancy Snook, Travis West





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Resources

Agriculture and Natural

Date: Aug 17, 2017

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CHICKEN BREED SELECTION

Sabrina Schirtzinger, Extension Educator, Agriculture and Natural Resources, Knox County Tim McDermott, Extension Educator, Agriculture and Natural Resources, Hocking County There are various reasons people raise chickens: for eggs, meat, show and exhibition or simply to enjoy caring for and watching chicks

grow. For some, raising chickens is a hobby while others see it as a sustainable part of living. This fact sheet will explore

characteristics of chicken breeds to help select the right breed for you.

What are your goals for raising chickens?

Before selecting the breed of chick to purchase, you need to ask yourself several questions. The first one is: What are your needs for your flock? This is important because you are looking at a commitment of potentially seven to eight years, which is the average lifespan of a chicken. Other questions include:

- What is your end goal for raising chickens?
- Do you want a certain type of egg, or are you looking for meat production chickens? Is your goal egg production, egg and meat production, or just meat production?
- Are you interested in raising chickens for show purposes and production is not important?

Each breed of chicken has traits that make them better suited for exhibition, egg, meat or dual purpose production.

Being able to talk "chicken" is important. Here are a few terms used for poultry: Terminology

- Hen: a female adult chicken
- Rooster: a male adult chicken
- Chick: a baby chicken of either sex
- Pullet: a female chick (immature chicken)
- Cockerel: a male chick (immature chicken)
- Broody: a hen inclined or wishing to incubate eggs Non-Setting: a hen that does not have the inclination or wish to incubate eggs
- Dual Purpose: chicken practical for meat and egg production

All hens will lay eggs; however, their egg production will vary. A rooster is not needed for egg production. Hens will lay non-fertile eggs without a rooster, a rooster is only needed if you want fertile eggs in order to hatch chicks. A hen usually lays one egg every 26 hours; although, there may be days when a hen will not lay an egg at all. As the hen ages, the egg size will increase; however, the shell quality and egg production will decrease. Hens that are producing eggs will need extra calcium in their feed to support shell development. Egg colors vary between breeds. Egg colors include: white, various shades of brown, or other colors such as blue and green. The best egg laying breeds tend to be the smaller bodied breeds such as Ancona, Leghorn and Minorca.



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The breed used the most for commercial egg laying is typically White Leghorns. These birds are intended to produce eggs at a higher rate. Commercial producers only keep layers for two years before replacing the hen. White Leghorns are not usually the best choice for the novice backyard poultry enthusiast as they can be loud, nervous and occasionally aggressive towards people.

Egg and Meat Production

Some chicken breeds are referred to as dual-purpose breeds that will lay an adequate amount of eggs and grow large enough for meat production. The downside, though, is that the chicken will not mature quickly like other breeds of meat chickens. Hybrid birds, also called sex-linked, tend to be good dual-purpose, but hybrid birds cannot reproduce.

Meat Production

Chickens that are bred solely for meat production are generally poor egg layers because these birds are faster growing. Because of their faster growth, meat birds require a larger amount of feed daily with a higher protein content compared to egg-

Rock, which is referred to as a Cornish Cross. Using good livestock care practices, producers will have fryers at approximately seven weeks weighing 4 to 6 pounds, reaching roasting stage of 6 to 10 pounds in eight to 12 weeks.

Just like commercial egg layers, commercial meat birds have been selected for desired characteristics to be able to grow quickly with high feed efficiency. Similar to White Leghorns, the breeds used in commercial production are not usually the best choice for the

backyard poultry enthusiast.

Shows offer an opportunity to display any breed of chicken and are becoming popular in the Midwest. The American Poultry Association (APA) has a publication called The American Standard of Perfection that has a complete description of all the breeds and varieties of domestic chickens. This publication describes the appropriate breed characteristics needed for birds to be shown in exhibition.

Buying Your Chickens

Day old chicks can be purchased from hatcheries or feed stores. Chicks that are sold as a "straight run" will be a mixture of pullets (females) and cockerels (males). To buy only pullets, make sure the chicks are sexed. Before you purchase a rooster, make sure the regulations in your area allow for them. Many cities have implemented rules on keeping backyard poultry and do not allow roosters. A straight run purchase of chicks should be avoided in this case and only pullets should be purchased.

Biosecurity refers to procedures implemented to protect animals from disease-causing pathogens to help keep them healthy. One of the biggest aspects of raising chickens, or any type of livestock, is to make sure that blosecurity protocols are followed closely. Chickens should be purchased free of any disease to avoid introducing a disease into your existing flock. It is best to purchase similar age birds from a similar species at one time. Avoid purchasing poultry from unknown sources. Do not bring a bird into your flock if you do not know its prior health record. The Animal Plant Health Inspection Service of the U.S. Department of Agriculture has a fact sheet to reference on biosecurity. The fact sheet is available by searching for USDA poultry biosecurity.

To help biosecurity, the National Poultry Improvement Plan (NPIP) was developed in the 1930s with the mission to eradicate a number of major poultry diseases such as

are required to have their birds tested for pullorum-typhoid and be vaccinated against Marek's disease. It is critical when purchasing chickens to only buy birds certified free of NPIP diseases. Starting with healthy chicks is paramount to having a healthy flock.

Winning Fact Sheet: Sabrina Schirtzinger and Tim McDermott

Figure 2. Chicken eggs vary in sizes

Figure 3. Meat production chicken for

exhibition

and colors.

Figure 1. Ameraucana chicken is a common backyard breed that lays

blue/green eggs





Creative Works and Media Competition Bulletins and Monographs

 1st Place- Kiersten Heckel, Christine Kendle, Astra Armstrong





OHIO STATE UNIVE

Winning Bulletin: Kiersten Heckel, Christine Kendle, Astra Armstrong

OHIO STATE UNIVERSITY EXTENSION 2017 Tuscarawas County 4-H Member and Volunteer Handbook



OSU Extension Tuscarawas County Crossroads Extension Education & Research Area New Philadelphia, OH 44663-6403 Phone: 330-339-2337 FAX: 330-339-7442

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Creative Works and Media Competition Project Books

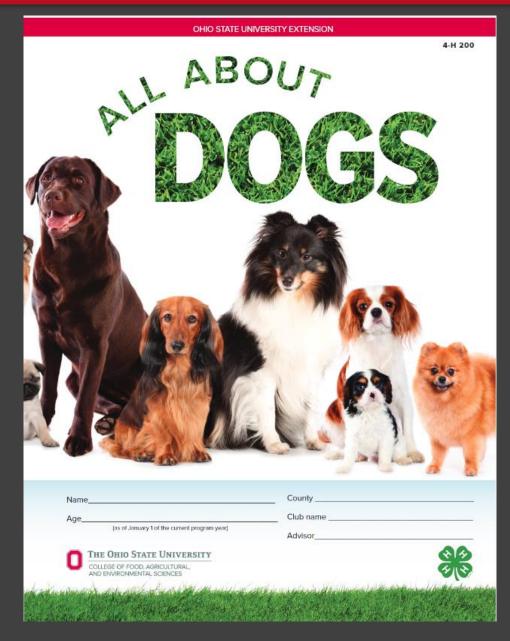
- 1st Place- Stacy Cochran and Lucinda Miller
- 2nd Place- Janine Yeske, Bruce Zimmer, Cheryl Goodrich
- 3rd Place- Joy Sharp and Travis West
- HM- Lucinda Miller





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Winning Project Book: Stacy Cochran and Lucinda Miller



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The Ohio State University

Creative Works and Media Competition Website

- 1st Place- Kaylee Port, John Fulton, Elizabeth Hawkins, John Barker, Trey Colley, Jenna Lee
- 2nd Place- David Marrison





Winning Website: Kaylee Port, John Fulton, Elizabeth Hawkins, John Barker, Trey Colley, Jenna Lee



The focus of the precision agriculture program has been to develop precision nutrient management strategies and technologies to improve efficiency of fertilizer placement, enable on-farm evaluation, automate machine functionality, enhance placement of pesticides and seed, and to develop analytical tools for digital agriculture. Researchers are also designing precision seeding tools to improve depth control for varying field conditions and identifying the value proposition of both precision agriculture technology and farm data for individual growers.

Click on an image below or visit our "topics and resources" page to explore your areas of interest.



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Extension/Outreach: Precision Ag

Extension/Outreach

Precision Ag Home Topics and Resources Contacts Social Media YouTube eFields Website

Precision Agriculture at The Ohio State University

Kaylee Port 213 Ag Engineering 590 Woody Hayes Drive port.17@osu.edu 614-292-2835

IN THE PRESS

CONTACT

Corn Plant Sets World Record 10/31

Standing guard for an entire crop season, a red flag flew patiently above a corn canopy in all weathers, marking the location of a record-breaker. The Ohio State University (OSU) banner stood sentinel over a plant named Terra Byte which represented the most agricultural data gathered in farming history for a single corn plant across

Creative Works and Media Competition Blogs

- 1st Place- Leslie Cooksey
- 2nd Place- Danae Wolfe and Jamie Seger





Fairfield County 4-H

Timely updates about Fairfield County's 4-H program

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4-H CALENDAR

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Search this blog.

RECENT POSTS

Junior Leadership Club Meeting Scheduled for TONIGHT, January 8th Is CANCELLED

Tractor Maintenance Meeting Scheduled for TONIGHT, January 8th Is CANCELLED

New Ohio 4-H Cloverbud Connections Newsletter Is Posted!

Tractor Maintenance and Small Engines Club Starts January 8th

Join the Junior Leaders! 1st Meeting – Monday, January 8th!

CATEGORIES <u>4-H Advisory</u> <u>4-H Alumni</u>

4-H Grows True Leaders in your Community

December 29, 2017 at 5:12pm by Leslie Cooksey

Given all the challenges in the world today, I am so thankful for 4-H. How did I get my start? Ottawa County (northwest Ohio) as a member of the club my dad was a member and advisor for, the Portage Mohawks. As my siblings and I joined 4-H, my mom signed on as a 4-H advisor as well. Taking no less than 7 projects a year, I raised beef breeding, market steers and hogs, and carcass steers and hogs. Additionally, I tried my hand with showing ducks and lambs each one year in addition to a lengthy list of miscellaneous projects ranging from gardening, cooking, and sewing. I was a camp counselor, a Junior Leader, and a Junior Fair Board Member. I loved every moment of it and hoped to purse a degree in Extension Education at Ohio State. I a career in agriculture and education was my goal. After working for the Farm Science Review for 7 years, this position in Fairfield County opened up, and here I am! Thank you for welcoming me into this county and continuing to love the 4-H program and sharing these great opportunities with our youth and yolunteers!

What's your 4-H story?

This organization prepares today's youth to tackle big challenges. Just as it has done for generations, 4-H teaches children leadership, science and life skills, and how to be good citizens. The youth coming up through 4-H right now are learning and doing amazing things and sharing it with the world around them. Just like it has for our current Junior Fair Queen, Abby Skinner, who will represent Fairfield County in the Ohio Fairs Queen Contest at the Ohio Fair Managers Association Conference next week (good luck Abby!).

I know that 4-H has meant a great deal to you as well. Your gift today will bring the amazing experience of 4-H to even more Ohio youth. Share a favorite 4-H photo, your 4-H story, and this message! Please give today.



Winning Blog: Leslie Cooksey

- Creative Works and Media Competition Social Networking Medium
- 1st Place- Rob Leeds, Jacci Smith,
 Carol Hamilton, Mallory Hope
- 2nd Place- Sally McClaskey and Beth Frey





Creative Works and Media Competition Social Networking Medium-Con't

- 3rd Place- Elizabeth Hawkins, John Fulton, John Barker, Kaylee Port, Trey Colley, Jenna Lee
- HM- Amanda Raines, Mark Light, Jami Dellifield, Mark Badertscher, Carol Wagner, Shelly Fulton





Jacci Smith at Erwin Farms

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COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES Winning Social Networking Medium: Rob Leeds, Jacci Smith, Carol Hamilton, Mallory Hope