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Nebraska Extension's CHIME program

Enhancing childcare professionals' well-being with mindfulness

Jaci Foged Extension Educator

Have you ever walked across your classroom and forgotten what you wanted? Have you ever driven to work and not remembered the trip? Has your child or a child in your classroom ever said something you later struggled to recall? If you answered yes to any of these questions, you may benefit from more presence and focused attention in your life.

Why should early childhood teachers practice mindfulness?

An exciting and growing area of research has highlighted contemplative practices, such as mindfulness and reflective functioning, as promising and practical ways to prevent and reduce the stress of teachers. Dr. Amy Saltzman defines mindfulness as paying attention to your life, here and now, with kindness and curiosity. Early childhood teachers who formally practice mindfulness report to have lower levels of depression and workplace stress and higher quality student-teacher relationships.

The field of early childhood is full of joy, laughter and making memories with a plethora of staff and families. It is also a field where teachers are subject to multiple stressors, including low wages, challenging child behavior, low occupational prestige and inadequate role preparation (Friedman-Krauss et al., 2013; U.S. DHHS et al., 2016; Whitebrook et al., 2016).

Programs close and new programs open. Families move their residence, children grow up and go to school and teachers search for new positions for reasons such as increased income, different hours or to care for their own children.

With 60 percent of U.S. 3–5 year olds spending an average of 36 hours a week in

Last spring, **Extension Educator** Jaci Foged (top center) led a CHIME program in Lancaster County. During the Mindfulness and Gratitude session, participants make "happy thought necklaces" while reflecting on what makes them happy and what they are thankful for.

center-based childcare (Mamedova et al., 2015), teachers form a central part of many young children's lives.

Extension develops CHIME program

Cultivating Healthy Intentional Mindful Educators (CHIME) was created by Nebraska Extension to support and enhance the well-being of early childhood educators. In a 2017 pilot study led by Dr. Holly Hatton-Bowers, assistant professor and early childhood Extension specialist at University of Nebraska-Lincoln, 43 early childhood teachers from four programs in Lancaster and Seward counties participated in

CHIME program.

Hatton-Bowers says, "It's imperative that our early childhood workforce, particularly early childhood directors and teachers, are physically who are well, who have better health, are going to have more supportive and healthier relationships with children and families. CHIME aims

the initial development of the

and emotionally well. Teachers

see CHIME on page 3

CHIME participant feedback

to our class — always wanting to come. So many great ideas and information was shared.

"I love the handbook and the 'extras' in it.

-Home visitor.

"I can't tell you how much I enjoyed each and every class. Honestly, the best class I've taken! I appreciate everything you did for us.

"This (listening to understand) is a helpful thing, how much do I love to be listened to and understood, and of course we all do.... Changing my mindset is one more thing that this class has brought to me this past week.

participating in online class

"I use several mindfulness techniques in my classroom every day. It is a very helpful class, both professionally and personally. I walked away with skills to help me be more patient and a better listener. I experience moments more now, instead of always thinking of the next moment."

> -Childcare provider for preschool-age children, Lancaster County — from 3-month follow-up survey

"I loved it! I looked forward

Childcare provider,

Lancaster County

Seward County

-Family childcare provider, Gage County

-Childcare teacher

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In each CHIME session,

participants spend time

upcoming week.

reflecting on how they used

use what they learned in the

mindfulness the previous week as well as how they intend to

Listening is an intentional

participants shake plastic

inside as well as consider

how hearing the sounds

Interactive play is a wonderful

way caregivers can teach children

about different emotions. During the

participants build their own "emotions animals" dice.

Mindfulness and Emotions session,

make them feel.

eggs filled with various

items to guess what is

in Listening session,

act. During the Mindfulness



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NEBLINE FOOD & HEALTH

Happy, healthy Halloween



Kayla Colgrove, MS, RDN, ACSM-CPT Extension Educator

Candy and costumes and pumpkins, oh my! Halloween is near and it's important to mix in healthy alternatives with all the sweet treats you will be able to find this time of year. Try these Halloween alternatives to help find a healthy balance:

Enjoy candy in moderation

It is important to enjoy candy and sweet treats in moderation. They have a lot of calories but few nutrients. Practice portion control by eating candy over a period of time while keeping the candy out of sight to avoid mindless eating. Pick out your favorite candy and enjoy a few pieces each day. Offer a smaller serving such as fun-size candy or splitting a candy bar. To add some healthy nutrients, eat a piece of candy with a glass of milk or apple slices.

Offer non-food treats

This is not only a great idea for trick-ortreaters looking for healthier options, but it also allows kids with food allergies to enjoy trickor-treating. If offering non-food treats, join the Teal Pumpkin Project® by FARE, which raises awareness of food allergies while creating a safer, happier Halloween for all kids. Simply place a teal pumpkin in front of your home to indicate you have non-food treats available for trick-or-treaters. Don't forget to keep your food treats and non-food treats in separate bowls. Offer candy or a non-food item for each trick-or-treater to choose.

Options for non-food treats include:

- Glow jewelry such as bracelets or necklaces
- Fun pencils, crayons or erasers
- Novelty jewelry such as bead necklaces, rings or bracelets
- Bubbles
- Stickers or rubber stamps
- Slinky toys
- Temporary tattoos

Make your own healthier treats

When you make food at home, you are in control of the ingredients and portions. Choose recipes that include fruits, vegetables, whole grains, low-fat dairy and/or lean protein while limiting added sugars, saturated fat and sodium for healthier options. Serve fruit as a naturally sweet dessert or snack instead of foods with added sugars.

Halloween Fruit Parfaits (recipe below) utilize the natural sweetness of pineapple and mandarin oranges topped with Greek yogurt to add protein and calcium. One piece of candy corn is added for a festive healthy snack or dessert. Make this simple fruit parfait with a Halloween twist for your family and friends.

• Food Allergy Research & Education's (FARE) Teal Pumpkin Project at www.foodallergy.org/education-awareness/tealpumpkin-project.

RECIPE OF THE MONTH Kayla Colgrove, MS, RDN, ACSM-CPT, Extension Educator

HALLOWEEN FRUIT PARFAITS

(6 Servings)

- 1 can (20 ounces) pineapple tidbits in 100% juice, drained
- 2 cans (15 ounces) mandarin oranges in water, no sugar added, drained
- 2 cups nonfat vanilla **Greek yogurt** 6 pieces candy corn
- 1. Drain pineapple tidbits and mandarin oranges.
- 2. Layer 1/3 cup pineapple
- tidbits, 1/3 cup mandarin oranges and 1/3 cup yogurt in each of the 6 clear plastic cups
- 3. Keep parfaits in the refrigerator until ready to serve. Garnish with a piece of candy corn right before serving.

KAYLA'S NOTES:

- Select fruit canned in 100% fruit juice or water rather than syrup when choosing canned fruits.
- · Try fresh fruit in place of canned fruit.
- · Swap out any yellow and orange fruit you like best such as using peaches or cantaloupe for mandarin oranges.

Nutrition Information per serving (1 parfait) — nutrition information will change if substitutions are used: Calories 157, Total Fat Og, Saturated Fat Og, Cholesterol 1.7mg, Sodium 37mg, Total Carbohydrate 31.5g, Dietary Fiber 1.3g, Sugars 24.1g, Protein 7.7g

NEBLINE FARM & ACREAGE / EARLY CHILDHOOD

What to do with your acreage

Tyler Williams Extension Educator

Acreages often come with 20 or more acres of tillable land that may be farmed. There are many questions to answer: What should I plant? Do I have the equipment? What do I do with the product? Should I rent out the land? What is it worth? These questions are difficult to answer, so it requires you to list out the pros and cons and the options you have.

There is often a sense of pride when plowing, planting and harvesting your own land. For many acreage owners, this is part of the reason you chose to live on an acreage. Getting your hands dirty and growing food is something many people don't get to experience and now you have the opportunity to make that happen.

Know your land

The first step to making this decision is to evaluate your land. Is your land suitable for farming? What is the soil type or are there any geographic features that make growing a crop difficult? What is the current state of the land? For many acreages, the previous owners have made that decision for you. If the land had previously been farmed, there is a good chance the ground is suitable for farming. If the land is still in a prairie, this may hinder your decision to put it into farm ground.

You will also need to make sure you follow any local guidelines or permitting for land use in your area. Depending on your location, you may have county or city zoning regulations that need to be

met. You should first contact the local zoning authority to find out if there are any restrictions to farming or housing

Your land may also be more valuable and less stressful to rent it out. Pasture or tillable farm land is often sought out by farmers and ranchers in the area. Determining what the land is worth is not a simple answer, but is a combination of local demand, quality of land and cost of alternative feed (if grazing land). Nebraska Extension produces an annual survey of land values and cash rental rates, which can help with this question. This can be found at https:// lancaster.unl.edu/ag.

Starting a farm

If this land is farmable, do you have the equipment, time and resources to farm the land? Depending on the system, this often requires at least a tractor, planter/drill, harvest equipment or having equipment. There is sure to be a break down along the way too, so tools, parts and a problem-solving attitude are often necessary to get through the day.

I would guess most new acreage owners do not have the equipment, tools and resources to farm the ground right away. If this is the case, there are other options to get your operation underway. Many local growers often hire custom operators to provide these services to your land — however, they come with a price. A great guide for custom farming rates is produced by Nebraska Extension and is titled "2018 Nebraska Farm Custom

Rates." This can be found at http://lancaster.unl.edu/ag (click on "Farm Management"). This will give you an idea of the costs associated with the many farming practices. This option allows you the thrill of making the farming decisions, but you don't have the initial cost of the equipment or the need to take time to do these field operations.

Another option is to start small. Start with a medium-to-large-sized commercial garden that does not require large equipment. Once you have some experience (and possibly profit) under your belt, it won't be as big of a risk to expand your operation. If you decide this is the direction to go, you should visit your local Farm Service Agency (FSA) office to learn about the beginning farmer program and

other opportunities available for registered farms.

If the land is still in a grassland, raising animals may be an option.

Horses, sheep, cattle, goats, etc., are all viable options when adequate grassland is available, but it is not that simple, of course. Animals require daily care, water and often need supplemental feed or nutrition. For larger animals, 10-20 acres is likely not able to support a couple horses or cows for the entire year. This will require you to purchase hay or other feed to get the animals through winter.

You will also have to decide your desired outcome for the animals. Are they being raised as pets, livestock or for another purpose? This will lead to another set of questions, such as reproduction, marketing, transportation and facilities. Raising a few animals, however, may provide good use of the land without the necessary investment in equipment.

There are many positives to owning and operating a small farm. They can provide excellent experiences, develop life skills, and create opportunities for you and your family. It is important, however, to consider all of the possible positives and negatives to living and operating on a farm, in order to make sure the negatives aren't "deal-breakers."

FOR MORE INFORMATION

Nebraska Extension has many resources to aid in your journey of starting a farming or ranching operation. Visit https://extension.unl.edu to find resources and contacts related to your specific needs.

CHIME

continued from page 1 to support early childhood educators in enhancing and improving their well-being so that they can be more effective caregivers. The program is about facilitating thinking in being more present in one's personal and professional life, and to find the space to care for children with joy, even during the most difficult and stressful moments."

Results of the pilot demonstrated that practicing mindfulness and reflection led to less depletion of teachers' cortisol, a biomarker of stress, as they progressed through the workday (Hatton-Bowers et al., 2018).

Extension Educators Jaci Foged, Carrie Gottschalk and LaDonna Werth contributed to the materials developed by Dr. Holly Hatton-Bowers and have facilitated CHIME sessions to participants. The handbooks and materials were designed by Karen Wedding of Nebraska Extension in Lancaster County and Mary Thompson of the UNL College of Education and Human Sciences' Pixel Lab.

How does CHIME work?

Since the pilot, CHIME has been offered in Lincoln and Seward. An online class had participants from across Nebraska.

The CHIME program consists of



Nebraska Extension developed all the materials for the CHIME program, including a guiding teacher manual, participant handbook, journal, handouts, posters, cards, etc.

eight weekly sessions.

- Session 1 Introduction to Mindfulness
- Session 2 Mindfulness in Breathing
- Session 3 Mindfulness in Listening
- Session 4 Mindfulness and Emotions
- Session 5 Mindfulness in Speech • Session 6 – Mindfulness and Gratitude
- Session 7 Mindfulness and Compassion
- Session 8 Setting Intentions Participants in CHIME receive a

participant handbook and journal which are used throughout the CHIME

> sionals need to participate in the class — including handouts, readings and homework. The guiding teacher tracks completion of the homework assignments, so some of the pages are printed on duplicate paper. The participants use the journals in each session, as well as daily, for

> > the duration of the

program. A guiding teacher manual was developed for facilitators to use throughout the program. Participants who complete the full program (eight sessions) earn up to 16 Nebraska Department of Health and Human Services approved in-ser-

Growing CHIME

CHIME was recently presented to collaborators in Recife, Brazil and will be translated into Portuguese.

This fall, Extension educators from across the state will participate in an intensive eight-week training named Just Be, followed by a 2-1/2-day training retreat where they will be trained to facilitate CHIME in their area of the state. Hatton-Bowers, Foged, Gottschalk and Werth will develop and teach this new training. Personal practice in mindfulness and guided reflection is necessary to be able to successfully provide instruction

to others.

CHIME will be delivered to early childhood educators across the state beginning in the spring of 2019. Nebraska Extension plans to conduct parallel studies for delivering CHIME as a means to learn more about various ways to promote the well-being of educators and the children for whom they care.

If you or someone you know is interested in learning more about CHIME, or would like to have CHIME delivered at your program, contact Dr. Holly Hatton-Bowers at hatttonb@unl.edu or 402-472-6578.

FOR MORE INFORMATION

Nebraska Extension has the following NebGuides:

- Self-Regulation in Early Childhood (G2288) http://extensionpublications. unl.edu/assets/pdf/g2288.pdf
- Strategies for Helping Young Children with Self-Regulation (G2287) http:// extensionpublications.unl.edu/assets/ pdf/g2287.pdf

Upcoming CHIME program

Nebraska Extension will teach a CHIME program for childcare providers in early 2019 at the Lancaster Extension Education Center, 444 Cherrycreek Road. The 2-hour "Introduction to Mindfulness" will be Wednesday, Jan. 30, 6:30-8:30 p.m. Sessions will then be held Wednesdays, Feb. 6, 13, 20 & 27, March 6, 13 & 20, 6:30-8 p.m. For additional information or to sign up, contact Jaci Foged at ifoged2@unl.edu or 402-441-7180. Registration form at http://lancaster.unl.edu/family.

Helping you make decisions about managing pests



Jody Green *Extension Educator*

As an Extension educator, my job is to help educate others. I provide resources to help homeowners, communities, businesses and organizations to help them make good decisions about their pest problems. My specialties include identifying and providing education about structural, household or biting insects and spiders.

Presentations

I've provided educational presentations to pesticide applicators, 4-H youth, public schools, childcare providers, healthcare professionals, property managers, senior living centers, various community groups, maintenance personnel, food industry and various professional associations.

If you have a request, please contact our office (402-441-7180) to inquire about speaker fees and details about your audience. I often use PowerPoint and props to tell a story to make learning interesting.

Insect identification

It is estimated that there are over 1 million insects in the world, 1,000 species of ants in the U.S., and it is surely possible to reside with 100 different species in and around our homes at any given time. It is important to know not all arthropods are pests. No good will come of panicking. The first step in solving an insect or arthropod-related issue is to have the organism identified.

I can help you with this. To make the process as efficient as possible, I need to see the specimen and some important information. **See chart below.**

Biting pests

If you have been bitten AND have captured the specimen that bit you, please keep and have it identified. If you do not have a sample and did not witness the bite, I cannot identify what bit you.

Because every individual has their own unique immune system, it is impossible to diagnose the cause of the skin reaction by looking at lesions or bites alone. Neither I, nor a medical doctor, can say for certain that a skin reaction was caused by a particular insect. If you are suffering from a skin reaction, it is recommended you see your physician, dermatologist or someone in the medical profession who can help you treat your symptoms.

Without positively identifying a pest, I will not recommend insecticide treatment as a solution. For most insect issues, I will typically recommend sanitation, habitat modification and pest exclusion techniques as part as an integrated approach because I care about long-term solutions for you and your family. Sometimes insecticides are a useful tool that can be used as part of the treatment. Always read and follow the pesticide label to protect non-targets from the negative effects of pesticide exposure.

Recommending a Pest Control Company

Many people call and ask if I can recommend a pest control company. As Nebraska Extension, we cannot compete with local business nor do we offer recommendations. My advice to homeowners about choosing a pest management company includes:

- Call more than one company.
- Call the Better Business Bureau.
- Inquire about the specific treatment and what the contract entails (inspection, chemical and non-chemical treatments, guarantees, specific products).

and options.	C	, in the second
	PHYSICAL SPECIMEN	DIGITAL PHOTO
HOW TO CAPTURE A SPECIMEN	Catch as many as possible while alive, put in a clear container with a lid, or sealed baggie, and put in freezer to kill and preserve.	Use smart phone to capture 2–5 pictures of organism, do not zoom in, try and get focused shot of identifying characteristics (use penny or ruler for scale, overall shape, antennae and distinct body parts).
PROHIBITED ITEMS Do not bring these items to the office or mail them. Do not email photos of these items.	Due to potential biohazards/safety concerns we CANNOT accept or examine: • Human skin, blood or bodily fluids. • Clothing, fabric or textiles. • Food items. • Sponges, cleaning cloths, lint roller sheets, toilet/tissue paper, vacuum cleaner bags or sweepings. • Complete sticky trap or glue boards. • Any liquids (other than ethanol used for preservation).	Photos of skin lesions, bites, scrapes or body parts of humans or animals.
WHAT INFORMATION MUST COME WITH THE SAMPLE	Where are you seeing this organism? How long have you been seeing them? How many have you seen? Describe the damage this pest is causing. Contact information — email is preferred. It will take longer to respond if you only leave your phone number.	Where are you seeing this organism? How long have you been seeing them? How many have you seen? Describe the damage this pest is causing. Contact information — email is preferred. It will take longer to respond if you only leave your phone number.
WHERE TO DELIVER/SEND SAMPLE(S)	Lancaster County, Nebraska residents: samples can be left at the Extension office, 444 Cherrycreek Rd, Ste. A in Lincoln. Office hours are Monday–Friday, 8 a.m.–4:30 p.m. except holidays. There is an after-hours, drop-off box by the front door.	Email photos along with the submission information to jgreen17@unl.edu
	Outside of Lancaster County, Nebraska: contact your local Extension office.	

When groundhogs become a pest, trapping is an option

Dennis Ferraro

Professor of Practice – Conservation Biologist/Herpetologist and Community Engagement Coordinator

Groundhogs (*Marmota monax*), also known as woodchucks, can be sighted throughout the eastern half of Nebraska. Groundhogs are brownish with a grizzled appearance, reaching a length of 16–20 inches and an average weight of 7–10 pounds. The groundhog has a short, wide head, very small ears and a short fluffy tail. This short-legged, heavy-bodied animal is sometimes referred to as a land beaver. Actually, the woodchuck is closely related to the ground squirrel.

Groundhogs typically live in burrows at the edges of woodlands rather than in open grasslands. They prefer to dig their holes in slopes or banks. Groundhog burrows normally have two entrances — a main hole, identified by a large accumulation of soil around it, and



a second entrance, often hidden by vegetation. Holes and dirt mounds from groundhogs can be hazardous for horses, motorcycles and farm equipment. Groundhogs sun themselves near the main entrance of their burrow and hunt for food in daylight. They may wander 100–200 feet away from their burrows.

Groundhogs feed primarily on native grasses and forbs (flowering plants), cultivated alfalfa and clover. In urbanized and suburban locations, these animals

will eat sweet corn, squash, root crops, cucumbers and peas. A foraging family of groundhogs can clear a small vegetable garden in less than a week. Gardens close to wooded or sheltered areas are more likely to be attacked than a small garden in an open area.

Fencing can help keep groundhogs off the property, but the fence must be strong, about 4 feet tall and buried to a depth of at least 1 foot. Trapping is the best alternative for managing this animal when it becomes a pest. Before you attempt any controls, decide if the situation warrants management of the animal. If the animal is in a location which isn't going to disturb property or cause erosion, consider leaving them alone.

The only legal way to manage groundhogs in Nebraska is to trap them. Poison baits are not registered for control of groundhogs in Nebraska. To trap groundhogs, get a square cage trap and place it right near the hole. Cover the live trap with burlap and wire the trap open.

Bait options for groundhogs include cucumber, zucchini or apple. Bait the trap and let the animals take the bait for a day or two before putting in fresh bait and unwiring the trap.

If you catch a groundhog in your trap, remember it is against regulations in the State of Nebraska to translocate a groundhog. If you are going to release it live, you have to release it within one hundred yards of the original point of capture. The animal may or may not come back. To discourage the groundhog from coming back after you've removed it from the burrow, pack the hole with gravel and cover with soil. If you can find the groundhog's second hole, the escape hole, you can pack that hole with gravel and cover with soil as well.

FOR MORE INFORMATION

Nebraska Extension's wildlife website has a short video on Controlling Woodchucks, as well as numerous resources on a wide variety of wildlife at http://wildlife.unl.edu

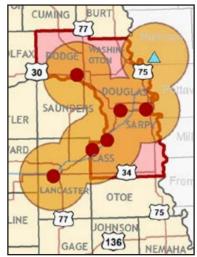
HORTICULTURE

Emerald ash borer confirmed in Lincoln

Sarah Browning *Extension Educator*

In case you missed it, on Thursday, Aug. 22, Nebraska Department of Agriculture (NDA) confirmed the discovery of emerald ash borer (EAB) adults in Lancaster County. Adult beetles were caught in a monitoring trap set up northwest of Pioneers Park.

An ash tree in Fremont, Neb. with signs and symptoms of EAB infestation has also been reported, although confirmation of the insects is not yet completed. EAB's continued spread in Nebraska is not a surprise. Since its detection in a Detroit, Mich. suburb in 2002, the insect has spread to 33 states and the Canadian provinces of Ontario, Quebec and Manitoba.



Emerald Ash Borer detections with 15-mile treatment consideration zones (NDA map as of Aug. 23, 2018).

NDA has updated the EAB Detection Map showing the newest confirmations and recommended 15-mile treatment zones (see above). Later this year, once the adult beetle flight period has ended, NDA will adjust the quarantine areas. The most current EAB confirmation

map can always be found on the Nebraska Forest Service EAB website, https://nfs.unl.edu/nebraska-eab.

How does this new confirmation affect Lincoln and Lancaster County homeowners?

15-mile treatment consideration zone

The Nebraska Forest
Service recommends not
beginning to treat until your
property is within 15 miles of
an EAB-confirmed site. Treating
trees outside of the 15-mile zone
provides little or no benefit to
trees, yet exposes humans and
the environment to pesticides,
wastes money and, in the case of
trunk injections, causes unjustified tree damage.

The new confirmation puts the majority of Lincoln and Lancaster county within the 15-mile zone.

All ash species are at risk, including white, green and black ash. Popular ash cultivars 'Autumn Purple,' 'Marshall's Seedless' and 'Patmore' are susceptible. Mountain ash is not affected by EAB, because despite its common name it is not a true member of the ash family.

What is the best time of year to treat?

Trees take in the systemic insecticides used against EAB best from April through early June. Research has shown that fall applications, although discussed on some product labels, require double the amount of product to provide the same level of control as spring applications. Considering the slow-moving nature of EAB, waiting until spring is the best choice even if you live right next to Pioneer's Park.

But not all ash trees should be saved. If a tree is in a poor location, possibly too close to your house's foundation, why spend money to treat it? Treatments are not like immunizations, they don't protect the tree forever. Trees require treatment every 1 or 2 years, depending on the chemical used, to provide continued protection.

If a tree is already in bad health for reasons unrelated to EAB, it's unlikely the tree will survive the treatments.

The better long-term solution is to allow these trees to die or remove them and replant with resistant species. For help in deciding whether your tree is a good candidate, review "Selecting Trees for Emerald Ash Borer Treatments," http://nfs.unl.edu/Selecting%20ash%20for%20 EAB%20trt%20full%20sheet.pdf.

What treatments can be used

Two main types of treatments — injection or soil drench — can be used depending on the size of the tree. But with either type of treatment, the systemic chemicals used are taken in best by the trees in spring and early summer.

In large trees, 45-inch circumference and over measured at 4 feet above the ground, injection of systemic insecticide provides the best control. But injections have drawbacks — specifically, they cause damage to the tree. Most are applied by drilling holes into the tree's trunk, which opens up the trunk to insect pests and decay fungi. Drilling may also break through internal barriers, created by the tree within the trunk, to wall off internal decay. Breaking this barrier allows decay to spread into healthy wood. In addition, the pesticide itself can cause internal damage that may accumulate over years

of repeated injections and potentially kill the tree, even if the pest is controlled.

Small trees, under 45-inch circumference, can be treated with soil applications. Soil drench products are easy to apply, don't require any special equipment or wounding of the tree and provide good control on young trees.

There's plenty of time to treat

EAB does not kill trees quickly — it takes a few years of continued infestation before trees begin to decline. Often insects have been in a tree for 2–3 years before signs of decline are noticed and 1–2 more years before the tree dies completely. This is another reason homeowners shouldn't rush to treat trees this fall, but instead wait until next spring to begin

treating healthy trees.

If treatment begins when 30 percent or less canopy dieback has occurred, an otherwise healthy vigorous tree can usually be expected to fully recover.

Trees with over 50 percent canopy dieback, however, are less likely to recover.

FOR MORE INFORMATION

The Nebraska Forest Service emerald ash borer website at https://nfs.unl.edu/nebraska-eab has many resources, including:

- EAB: Guidelines for Nebraska Homeowners, http:// nfs.unl.edu/documents/ EAB/EABhomeownerfullsheet2012Oct.pdf
- Emerald Ash Borer Treatment Options, https://nfs.unl. e d u / d o c u m e n t s / E A B / EABTrunkInjectionTmtOptions. pdf

Emerald ash borer seminar

Thursday, Oct. 18, 6:30–8:30 p.m.
Lancaster Extension Education Center
444 Cherrycreek Road, Lincoln

Registration is required by calling 402-441-7180 by Oct. 15.

Cost is \$15 per person/couple for one set of educational materials.

Debit/credit card payment available over the phone through Oct. 15
for an additional fee. Or pay at the door, making checks payable to

Nebraska Extension in Lancaster County.

At this seminar, property owners will:

- Learn how to identify ash trees. If you are unsure if a tree in your landscape is an ash, bring small branch samples or pictures for identification.
- Learn how to determine which of your ash trees are the best candidates for treatment. Many owners will decide to let some trees die — particularly low-vigor trees, those in poor locations or with existing problems.
- Find out about the available treatment methods, their advantages
- and disadvantages, and when they should be applied.
 Learn about good replacement trees. Diversity is key!

Presenters:

Sarah Browning, Nebraska Extension Horticulture Educator
Laurie Stepanek and Dave Olson, Nebraska Forest Service - Forest
Health Specialists

Drying gourds

Mary Jane Frogge, Extension Associate

Harvest gourds when the vine and stem dries and begins to turn brown. Be sure to complete your harvest before the first hard frost. Immature gourds will not cure correctly and rot, so only harvest mature fruit.

After harvest, wash the gourds with dish soap and dry off with a soft cloth. Discard any bruised, diseased or damaged fruit. To dry, place gourds in an open box. Make sure they do not

touch each other and are located in a warm, dry, well-ventilated location.

Curing can take one to six months, depending on the type of gourd. The outer skin hardens in one or two weeks, while the internal drying takes at least an additional month. Poke a small hole in the blossom end of the gourd to quicken internal drying. Occasionally turn the gourds, checking for uneven drying or soft spots. When you shake the gourd and hear the seeds rattling, it is cured and ready for a coat of paint if desired.



Are you interested in gardening and enjoy helping others? Become a Master Gardener volunteer!

Nebraska Extension in Lancaster County Master Gardeners receive 40 hours of training in return for volunteering 40 hours to Extension programs and activities.

The 2019 application and details about the program are online at http://lancaster.unl.edu/mastergardener



Fall is an excellent time for taking soil samples in your lawn and garden. Soil tests will measure the pH of the soil, organic matter content and the levels of some of the major elements required for plant growth, such as phosphorus and potassium.

Cure pumpkins, butternut and hubbard squash at temperatures between 70–80°F for two or three weeks immediately after harvest. After curing, store them in a dry place at 55–60°F.

Use dried herbs to make fragrant wreaths and dried flower arrangements.

Fall watering is important for trees and shrubs. Continue to water until the soil freezes.

Dig and bring in cannas, dahlias and gladiolus. Dry, clean and store in a cool location free from frost.

Pick bagworms from evergreen shrubs. This will eliminate the spring hatch from over wintered eggs.

Remove leaves from lawn to reduce lawn problems. Compost or

shred and use them for mulch.
Plant spring flowering bulbs such as tulips, daffodils and crocus.

Cut down stems and foliage of herbaceous perennials after two or three hard frosts and when leaves begin to brown.

After several hard frosts add mulch to your perennial flower garden. A one inch layer of straw or chopped leaves will help conserve soil moisture and protect the root system.



Brandy Wollen

Lancaster County 4-H is proud to announce Brandy Wollen of Omaha as winner of the October "Heart of 4-H Award" in recognition of outstanding volunteer service.

She has been a superintendent of the 4-H Home Environment project areas at the **Lancaster County** Super Fair for eight years, ever since

she aged out of being a 4-H member. Brandy also helps teach furniture painting workshops each spring (pictured above).

"I like being a volunteer, because it is neat to see all the exhibits the kids have created," she says. "Each year at the fair, I enjoy talking to the kids and learning how the exhibit was made. My favorite part about being a volunteer is helping out at the furniture painting workshop. It is amazing to see the kids work on a project from start to finish, and being able to teach them some techniques."

Lancaster County 4-H thanks Brandy for donating her time and talents. People like her are indeed the heart of 4-H!

Horse Awards Night, Oct. 4

The annual Lancaster County 4-H Horse Awards Night will be Thursday, Oct. 4, 6:30 p.m. at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. The Horse VIPS Committee will provide snacks. Awards presentation includes Incentive Awards, Horsemanship Levels, All-Around Awards, Herdsmanship, Top Judging buckles and ribbons, and a few surprise awards! Come help celebrate the outstanding accomplishments of the 2018 Lancaster County 4-H equestrians!

Rabbit Clinic, Oct. 13

A free 4-H Rabbit Clinic will be held Saturday, Oct. 13, 9 a.m.-noon at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. Open to all youth and families. This is a great opportunity to learn about the 4-H Rabbit Program which is open to all youth ages 8-18. For more information, call Kate at 402-441-7180.

4-H Leader Update, Oct. 25

All 4-H leaders, parents and volunteers helping with clubs and independent members are encouraged to attend the Fall 4-H Leader Update on Thursday, Oct. 25 at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. Attend either the 9 a.m. or 6:30 p.m. session. Information will focus on 4-H club organization, new project books, leadership, opportunities for your 4-H members and more. Share ideas, connect and network with other parents and leaders. You MUST preregister by Tuesday, Oct. 23 by calling 402-441-7180.

4-H paper basket workshop, Nov. 3

4-H youth ages 8 and up are invited to a workshop to engineer and construct a woven paper basket using recycled newspapers on Saturday, Nov. 3, 9 a.m.-noon at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln. No cost to attend. Register by Friday, Oct. 26 by calling 402-441-7180. Bring a needle-nose wire cutter for cutting wire. All other supplies will be provided.

4-H Council alumni scholarship

Lancaster County 4-H Council is sponsoring a new \$500 4-H alumni scholarship. Must be a Lancaster County 4-H alumni at least one year posthigh school and has continued involvement in 4-H program as a leader or volunteer. Application form is available at http://go.unl. edu/4has and at the Extension office. Deadline is Sept. 30.

4-H Council seeks new members

Serving on Lancaster County 4-H Council is a great opportunity to support 4-H, help provide leadership and work with a great group of people! Lancaster County 4-H Council is composed of youth (9th grade or higher) and adults working together in the interest of promoting activities of Lancaster County 4-H. Meetings are held the first Tuesday of each month at 6 p.m. at the Lancaster Extension Education Center. Terms are three years for adults and two years for youth. Each may serve two terms. If interested, please complete the "Lancaster County 4-H Council Application for New Members" available online at http:// lancaster.unl.edu/4h/council. shtml and at the Extension office.

4-H thanks sponsors

The Lancaster County 4-H program — a partnership between Nebraska Extension and the Lancaster County government - would like to thank all of the businesses, organizations and individuals who sponsored 4-H events, activities, programs and trophies during the 2017–2018 4-H year. This support enhances the educational experience of the 4-H youth.

Anonymous (4)

Acre Management

Adventure Golf Center Antelope Creek Family Dentistry Arends Interiors Inc. Matt & Connie Arnold Arrow Pest Control Artisan Custom Builders Auto Body Supply, Inc. Chet Axthelm Memorial Jim & Cindy Bauman Beatrice 77 Livestock Sales Behind the Glass Comic Book Art Belmont Husky Service Gary Bergman In memory of Don & Darlene Bermel, 4-H Leaders & Golfers Big Red Keno Big Shots Indoor Range & Gun Store The Bike Rack Bison Inc. Bluestem Miniature Horse Club Bluestem Valley Farms Randy & Sher Brophy Bulling Farms Shelby C. Byler, D.D.S., Family & Cosmetic Dentistry Capital City Horse & Pony Club Carpenter Family Cattlemen's Nutrition Services Ellen Chapelle Memorial Cheddar's Scratch Kitchen Warren Cheney Family Chili's Grill & Bar Cloverleaf Suites

Colby Ridge Popcorn

Dick & Cookie Confer

Crawford Family Shorthorns

Mike & Kath Conroy

Crooked Creek Golf

Culligan of Lincoln

Costco Wholesale

Shirley Condon

Custom Pallet Makers

Dairy Queen Grill & Chill (760 W. O St.) Danny's Deli Dearmont Family Deer Springs Winery The DelRay Ballroom Diamond T Livestock Dickey's Barbecue Pit Don Dierberger Family Alice & the late Ted Doane Lynn & Carleen Dowding Ron Dowding Family Dowding Shorthorns Sue Downing and Allison Riedman Duffers' Golf League Earl May (South Store) East Campus Starrs East Park Cinema – Marcus Theatres The Eatery Ehlers Animal Care Eyes on Lincoln – Drs. Gildersleeve, Powell & Steger Mark & Sarah Fahleson Famous Dave's Farm Credit Services of America Farmers Cooperative (Dorchester

Branch) Tom & Laura Field First State Bank Fitch Trucking, Inc Five Alarm Farm Five Star 4-H'ers 4-H Club Randy Flanagan The Fort Four Winds Farms

Sarah Lanik-Frain & Mike Frain Jodi Freeman Frink Family & Hard Knock Horse

Shoe'N Gagner Construction Melvin & Linda Gagner Gana/Nisley Show Cattle Gana Trucking Doug & Sheila Garrison Gate 25 Bar and Restaurant General Fire and Safety Blayne Glissman Family Gossin Agency Green Family The Groom Room Nathanial Hamel Patricia Heather & Kelly Heather Pfarr of Back Home Photography Lyle & Teresa Hespen

Hidden Valley Golf Course Hillcrest Animal Clinic & Kelly Stich, DVM Rod Hollman Holthus Family The Home Agency Home Depot (North Lincoln) Fred & Julie Hoppe Commissioner Larry & Senator Carol

Hunter's Pride 4-H Club Husker Rehab Hy-Vee (all Lincoln area locations) JK's Pumpkin Patch JT Home Solutions James Arthur Vineyards Judson & Kaye Jesske Jimmy John's Jeff & Anne Johnson Family Amanda Kaiser Kansas City Royals Steve & Deanna Karmazin Family Marc Kascke Kenl Inn, Inc. Kepler Family Chiropractic Deborah Kinney Kirby Family Kiwanis – Lincoln Center Kiwanis – Northeast Kubicek Club Lambs Gary & Diane Kubicek LaKaBrTyDe Farms LaMars Donuts Lancaster County 4-H Council Lancaster County 4-H Dog VIPS Committee

Lancaster County 4-H Horse VIPS Committee Lancaster County 4-H Livestock Booster Club

Lancaster County 4-H Rabbit VIPS Committee Lancaster County 4-H Teen Council Lancaster County Agricultural Society (Fair Board)

Lancaster County Engineers Lancaster Event Center Larson Lifestyle Center Anna Lenz – Anna's Animals Grooming Salon

Liberty First Credit Union Lienemann Cattle Company Lincoln Race Course Lincoln Saltdogs The Lincoln Sewing Guild Lincoln Stars Hockey Lincoln Women's Chamber of

Commerce Michael & Dana Lockee Lonowski Family Maureen Marshall Mazatlan Mexican Restaurant Cole & Kylea Meador Kevin & Denise Mever Shayna Meyer Midwest Farmers Cooperative

(Martell Branch) – Jim Bauman Shirley Morris Enterprises Nancy & John Moser Family Mueller Farms HL Muhlbach Construction Clyde & Helen Naber Natural Resources Conservation Service (NRCS) Nebraska Nebraska 4-H Foundation

Nebraska Army National Guard & Teegerstrom Family Nebraska Auto Detail Nebraska Dressage Association Nebraska Lottery Ian Neemann Steven & Stephanie Nelson Dave & Vicki Nielsen Nita's Craftables Nore Family Norris FFA Olive Creek Acres Orscheln Farm & Store Diane Ossenkop Oxbow Animal Health Padgett Business Services Donald & LaDonna Pankoke Duane Parrish Family Parrott & Walbrecht Cattle Larry Pershing Edwin Peterson Memorial Erica Peterson Tom Peterson Family Pick-A-Pig 4-H Club Pine Lake Golf Course Michael Pinho Pioneer Greens Dentistry Pitts Veterinary Hospital Cathy Plager Powell Family Tim Powers Memorial Pulec Family Lyle & Sheila Purdum R & J Angus Justin & Lindsey Raikes Rainbow Ends Raising Cane's Sheri Ramirez Rick, Tammy, Nick & Andra Rasby The Rawlinson Herd Raymond Grange #391 Charli Richters William & Barbara Rishel Rixstine Recognition Rock Creek Ranchers 4-H Club Roper & Sons Funeral Services In Memory of Ross SP Group, P.C. Salt Creek Wranglers Sampson Construction Cary & Becki Sandell Family Scheels Schlautman Farms Schnase Family Lyle Schneider with Sandvik Coromant Uriiah Schnell

Schoettger Orthodontics

David & Diane Schubert

Shivers Sweets N Treats

Sid Dillion

Shar Sieck

Sieck Show Cattle

Calvin & Rochelle Schrock Family

Calvin & Jodi Sterns Dale & Marilyn Stertz Straight Arrow Performance Horses – Chelsea Harders Ron & Barb Suing Kathy Sump Merrilee Sump Sun Valley Lanes Super Saver (Fallbrook) Sysco Lincoln TD Angus T & T Ranch Texas Roadhouse James & Jennifer Tietjen Toys from the Past – Mike and Dan Britta Tractor Supply (North Store) Tractor Supply (South Store) Tractor Supply (Waverly) Triple RRR Farms United Country First State Realty United Farm & Ranch Management University of Nebraska-Lincoln College of Engineering University of Nebraska Federal Credit Union Vincenzo's Italian Ristorante The Voice News Wachal Pet Health Center Walbrecht Family Waverly Grange #369 Wendy's (2615 S. 48th St.) West Gate Bank Wether-Ewe Farm – Doug & Cheryl Johnson Charles Wiechert Family Wilbeck Family Wilhelm Auto Repair Jay & Brenda Wilkinson Wilkinson Sheep Farm Dayle Williamson Wilton Jim Wissel Memorial Joan & the late Dwayne Wittstruck Karen Wobig Women's Clinic of Lincoln P.C. Woodland Hills Golf Course We apologize for any inaccuracies. If you notice any corrections, please call 402-441-7180.

Slim Chickens

Sobotka Family

Thank you to volunteers

Nebraska Extension in Lancaster County thanks all of the people who donate their time and talents to help enrich the lives of the youth in the Lancaster County 4-H youth development program.

State Fair 4-H results

Congratulations to the Lancaster County 4-H'ers who showcased their projects at the 2018 Nebraska State Fair! Here are the Lancaster County 4-H youth winners of purple ribbons, special awards and Rainbow Ribbon Recognition. Complete results are online at www.nebraska4hresults.com



Cooking 201 – Healthy Baked Product Aerospace – Wooden Fin Rocket – Skill Level 2 Alaina Agnew Carson Agnew Ellie Babcock Quilt Quest

STEAM Clothing 3 – A Stitch Further
Fashion Show – Beyond The Needle – Garment Constructed from Original
Designed Fabric

Noah Babcock Knitting - Level 2 Knitted Clothing or Home Environment Item Samuel Babcock Electricity - Electrical/Electronic Part ID

Computers - 3-D Printing - Unique Object Robotics - Robotics Sensor Notebook

Human Development – Language and Literacy Development STEAM Clothing: Beyond The Needle – Item Constructed from Original Clare Bauman

Designed Fabric

Heritage – Level I: Beginning – 4-H Member Scrapbook Cooking 301 – Shortened Cake

STEAM Clothing: Beyond The Needle - Embellished Garment with Original **Emily Bauman**

Design STEAM Clothing 2 – Simply Sewing – Skirt Jacob Bauman

Design Decision – Accessory – Recycled/Upcycled Item for the Home Design Decision – Furniture – Wood Opaque Finish Design Decision – Accessory – Original Made from Metal Meat Goat: Breeding Meat Goat – Commercial Doe Kids Meat Goat: General Classes – Intermediate Meat Goat Showmanship Food Preservation – 1 Jar Pickled Exhibit – Unit 3 Toby Becker Tayden Bell Jenna Benson Lilian Bogle Samuel Bogle Michaela Bunz

Fashion Show Constructed STEAM Clothing 3 Garment Kali Burnham

Rayley Burnside Photography Unit III - Portrait Exhibit Print Isabel Buss

Quilt Quest – Inter-Generational Quilt
Computers – Produce a Computer Slideshow Presentation
Safety – First Aid Kit
Conservation & Wildlife – Bird Display Jonah Calcara Acacia Carlson

Keren Carlson

Elise Chadwick Human Development - Babysitting Kit Design Decision – Design Board for a Room Photography Unit III – Portrait Exhibit Print Ashley Clegg Sheep: Market Sheep – Hampshire Market Lambs
Sheep: Market Sheep – Natural Color Market Lambs
Sheep: Market Sheep – Crossbred Market Lambs
Beef: Market Beef – Crossbred Steers
Fire Safety – Fire Prevention Poster Cole Cooper

Khloe Cuttlers

Dog: Dog Showmanship – Showmanship Senior (14–18) Meat Goat: General Classes – Senior Meat Goat Showmanship Sketchbook Crossroads – Home Accessory with Felted Wool Emmi Dearmont Andrew Dilley Sarah Dilley Cooking 201 - Biscuits or Scones

Meat Goat: Market Meat Goat - Market Goats John Donlan

Grace Dowd

From Preservation – 3 Jar Jelled Exhibit – Unit 3
Food Preservation – 3 Jar Jelled Exhibit – Unit 3
Food Preservation – 3 Jar Jelled Exhibit – Unit 3
Design Decision – Accessory – Recycled/Upcycled Item for the Home
Citizenship – 12i – Name Art Zoie Doxon Olivia Epp

Anna Fuller Swine - Market Gilts Ethan Gabel Robotics - Build a Robot Food Preservation – Jar Vegetable or Meat Exhibit – Unit 4

Food Preservation – 1 Jar Fruit Exhibit – Unit 3 Human Development – Activity with a Younger Child Morgan Gabel Nathan Gabel Horticulture - Hot (non-Jalepeno) Peppers Horticulture - Sage Peter Greff

Sketchbook Crossroads – Original Ink Drawing Conservation & Wildlife – Bird Display Valerie Griess Ashley Gruber

Swine – Market Gilts
STEAM Clothing: Beyond The Needle – Textile Arts Garment or Accessory
Design Decision – Accessory – Original Made From Glass
Rabbit: Breeding Rabbits – Flemish Giant Bailee Gunnerson

Lily Hanley Shooting Sports - Shooting Aid or Accessory Kylie Hansen

Snooting Sports - Snooting Ald of Accessory
Safety - Disaster Kit (Emergency Preparedness)
Horticulture - Any Other Herb
Horticulture - Parsley
STEAM Clothing 2 - Simply Sewing - Top
STEAM Clothing 2 - Simply Sewing - Unlined Jacket

Design Decision – Accessory – Original Made from Metal Design Decision – Accessory – Outdoor Living Photography Unit II – Lighting Display or Exhibit Print Swine – Market Barrows

Brett Heinrich Beef: Market Beef - Crossbred Steers

Luke Harms

Jaclyn Heinrich Beef: Market Beef – Market Heifers Swine - Market Gilts

Swine – Market Barrows Swine: General Classes – Senior Swine Showmanship Floriculture – Fairy or Miniature Garden

Ella Hendricksen Cooking 401 – Specialty Pastry Cooking 201 – Healthy Baked Product Swine – Market Gilts Olivia Hinrichs Hannah Hoge

Horticulture – Salad Tomatoes
Design Decision – Furniture – Fabric Covered Jayan Hraban Zach Ingracia Floriculture - Gladiolus **Emily Janak**

Design Decision - Accessory - Outdoor Living STEAM Clothing 2 - Simply Sewing - Top Photography Unit II - Manual Settings Noah Jelinek Clara Johnson Family Food Traditi

Fashion Show - Constructed STEAM Clothing 2 Garment Beef: Commercial Breeding Beef - Commercial Breeding Heifer Cooking 201 - Creative Mixes

Lillian Johnson Swine: General Classes - Intermediate Swine Showmanship Nicole Keetle

Abigail Kreifels Sketchbook Crossroads - Original Sculpted or Thrown Home Accessory Made with Clay Quilt Quest – Level 1 Quilted Exhibit – Large

Design Decision – Technology in Design
Sketchbook Crossroads – Original Pencil or Chalk Drawing Abby Kruse Megan Lange Emma Lanik Design Decision - Problem Solved, Energy Savers or Career Exploration

Sheep: Market Sheep - Crossbred Market Lambs Sydona Lappe Citizenship – i2i – Name Art Poultry – Heavy Ducks Diamond LeBlanc

Poultry - Geese Poultry - All Other Breeds Poultry - One dozen other colored eggs Meredith Marsh

Design Decision – Furniture – Wood Öpaque Finish Design Decision – Accessory – Original Floral Design STEAM Clothing: Beyond The Needle – Embellished Garment with Original Sophia Martin Olivia Mays Design

Human Development - Creative Arts McKenna Morris

Design Decision – Accessory – 3D (string art, wreath, etc.) Sketchbook Crossroads – Original Ink Drawing Elisabeth Moyer Aerospace – Rocket – Skill Level 2 Floriculture – Petunia Todd Munk

Jared Nielsen Design Decision – Accessory – Recycled/Upcycled Item for the Home Food Preservation – 1 Jar Tomato Exhibit – Unit 3 Food Preservation – Quick Dinner – Unit 4 Lily Noel

Horticulture - Any Other Vegetable Horticulture – Any Other Herb Photography Unit III – Photography Portfolio Floriculture – Petunia Cooking 201 – Healthy Baked Product Riley Peterson Brianna Pittman

SPECIAL AWARDS

FASHION SHOW

Ellie Babcock – One of the Top 4 Fashion Show Exhibits Earning a \$50 Award from Nebraska 4-H

QUILT QUEST

Ellie Babcock - Premier Quilt Quest Class 83 Winner

HORTICULTURE CONTESTS

Josh Dowd - Tree ID Judging Contest - Senior 8th Place

INSECT IDENTIFICATION CONTEST

Samuel Babcock – Intermediate 8th Place Micah Pracheil – Intermediate 9th Place

VIDEO COMPANION ANIMAL **SHOWMANSHIP CONTEST**

Natalie Arthur - Cat - Intermediate Reserve Champion Valerie Griess – Guinea Pig – Senior Champion

Jaclyn Heinrich - Champion Market Heifer

SWINE

Jaclyn Heinrich - 1st Place Senior Swine Showmanship Reserve Champion Division III Gilt

SHEEP

Burke Settles - Reserve Champion Division V: Suffolk

Diamond LeBlanc - Geese Division Champion

CLOTHING SPECIAL SELECTIONS

In order to honor the achievements of 4-H youth in the areas of clothing, home environment, fiber arts and fashion show, approximately 25–30 exhibits from each of these areas were selected by the UNL Department of Textiles, Merchandising and Fashion Design Department to be included in the 4-H Design Gallery during the 2018 Nebraska State Fair.

Ellie Babcock – Premier Quilt – Animal Fancy Forest Ellie Babcock – STEAM Clothing 3 – Black Satin Dress Gabriel Livingston – Beyond the Needle – Knight Costume

HOME ENVIRONMENT SPECIAL SELECTIONS

A few Sketchbook Crossroads, Portfolio Pathways or Design Decisions exhibits were chosen for display at the East Campus Union Art Gallery Exhibit through November and December.

Megan Lange - Pencil or chalk drawing - woman with scarf

PHOTOGRAPHY SPECIAL SELECTIONS

Rayley Burnside - Photo of Brown Horses at Kentucky Horse Farm Selected for Display at UNL Animal Science

department
Emmalee Going – Photo of Man and Boy Stacking
Blueberries Selected for Display at UNL CASNR and
Extension Dean's office
Clara Johnson – Photo of Coneflower Selected for Display

at UNL CASNR and Extension Dean's office Linsey Sheldon – Photo of Women Collecting Trash on Roadside Selected for Display at UNL CASNR and Extension Dean's office

RAINBOW RIBBON RECOGNITION

Rainbow Recognition awards recognizes unique and outstanding items in the 4-H Exhibit Hall.

Ellie Babcock - Quilt Quest - Premiere Quilt - Long Arm

Quilted - Computerized

Peter Greff - Horticulture - Hot (non-Jalapeno) Peppers

Ella Hendrickson - Safety - First Aid Kit

Gabriel Livingston - STEAM Clothing: Beyond The Needle

- Embellished Garment with Original Design

Samuel Livingston - Robotics - Build a Robot

Lib Neal Marticulture - Hot (non-Jalapeno)

Lily Noel – Horticulture –Hot (non-Jalapeno) Peppers Joseph Pageler – Horticulture – Salad Tomatoes Vanessa Peterson – Cooking 201 – Baking with Whole

Taylor Yakel - Cooking 301 - White Bread

Floriculture - Celosia

Zachary Pittman

Conservation & Wildlife – Wildlife Diorama Poultry - American

Poultry - Continental Poultry – One dozen other colored eggs Rabbit: Breeding Rabbits – Mini Lop Food Preservation – Dried Vegetables

Catherine Polk Food Preservation - 3 Jar Jelled Exhibit - Unit 3 Claire Polk Sophia Polk Food Preservation - Fruit Leather

Food Preservation – 1 Jar Fruit Exhibit – Unit 3 Food Preservation – 1 Jar Jelled Exhibit – Unit 3 Micah Pracheil Presentations - Illustrated Presentation Entomology – Macrophotography Design Decision – Accessory – Textile – 3D

illy Riedel Phillip Rushman Floriculture – any other perennial Presentations – Illustrated Presentation Horticulture – Mint

Abigail Russman Allison Schilf Sidney Schlesiger

Julia Srb

John Sump

Livia Swanson

Dog: Dog Agility – Level 2
Dog: Dog Showmanship – Showmanship – Senior (14–18)
Dog: Dog Agility – Level 4
Meat Goat: Breeding Meat Goat – Commercial Yearling Does Dani Schreiber Kloee Schwartz

Cooking 201 – Creative Mixes

Heritage – Level II: Advanced – 4-H Member Scrapbook

Heritage – Level II: Advanced – Special Events Scrapbook
Sheep: Market Sheep – Natural Color Market Lambs Eliese Schwinck Burke Settles

Sheep: Market Sheep - Suffolk Market Lambs Sheep: General Classes - Intermediate Sheep Showmanship

Fire Safety – Fire Prevention Poster
Human Development – Growing with Others
Photography Unit III – Advanced Lighting Exhibit Print
Photography Unit II – Smart Phone Candid Capture Display or Exhibit Print Emmy Sheldon Parker Smith Madison Sobotka

Julia Stephenson Presentations - Premier Presenter Contest Anna Sump

Photography Unit II – Composition Display/Exhibit Print Cooking 401 – Double Crust Fruit Pie Conservation & Wildlife – Mammal Display Cooking 301 – Specialty Bread Cooking 201 – Baking with Whole Grain Food Preservation – Dried Herbs

Hannah Thomson

Food Preservation – 1 Jar Jelled Exhibit – Unit 3
STEAM Clothing 2 – Simply Sewing – Dress
Crochet – Level 2 Crocheted Clothing or Home Environment Item
Beef: Commercial Breeding Beef – Commercial Breeding Heifer
Beef: General Classes – Intermediate Beef Showmanship Allison Walbrecht Odyssey Wentz

Photography Unit II - Lighting Display or Exhibit Print Jenna White Cooking 201 - Baking with Whole Grain Leadership and Citizenship - Care Package Display Melanie Wiggins











EXTENSION CALENDAR

All events will be held at the Lancaster Extension Education Center, 444 Cherrycreek Road, Lincoln, unless otherwise noted.

September

22 Quilting	for a Cause Workshop	8 a.mNoon
22-23 AKSARBE	EN 4-H Horse Show, Fonner Park, Grand Island	
25 Nutrition	and Physical Activity Self-Assessment for	Childcare Workshop
(NAP SACC)	6:15-8:15 p.m.
27-30 AKSARBE	EN 4-H Stock Show, Fonner Park, Grand Island	•
Ostalass		

27-30	AKSARBÈN 4-H Stock Show, Fonner Park, Grand Island
Oct	ober
2	4-H Council Meeting 6 p.m.
2	Nutrition and Physical Activity Self-Assessment for Childcare Workshop (NAP SACC)6:15–8:15 p.m.
4	4-H Horse Awards Night 6:30 p.m.
6	Quilting for a Cause Workshop 8 a.mNoon
7–13	National 4-H Week
9	Nutrition and Physical Activity Self-Assessment for Childcare Workshop (NAP SACC)6:15–8:15 p.m.
11	Co-Parenting for Successful Kids Class9 a.m.—12:30 p.m.
11	Pesticide Applicator NDA Walk-in "Testing Only" Session 9 a.m.—2 p.m.
12	Extension Board Meeting8 a.m.
13	4-H Rabbit Clinic 9 a.mNoon
40	
13	Composting Demonstration, Pioneers Park Nature Center's backyard
	composting demonstration area across from Nature Center 10 a.m.
14	composting demonstration area across from Nature Center 10 a.m. 4-H Teen Council Meeting
	composting demonstration area across from Nature Center 10 a.m. 4-H Teen Council Meeting
14	composting demonstration area across from Nature Center 10 a.m. 4-H Teen Council Meeting

Pesticide Applicator NDA Walk-in "Testing Only" Session.. 9 a.m.-2 p.m.

Quilting workshops

25

4-H member Ellie Babcock, is offering "Quilting for a Cause" workshops on Saturday, Sept. 22 (8 a.m.-noon), Saturday, Oct. 6 (8 a.m.-noon), Saturday, Nov. 3 (2–5 p.m.) and Thursday, Nov. 15 (6–8:30 p.m.) to be held at the Lancaster Extension Education Center at 444 Cherrycreek Road, Lincoln. All youth ages 8–18 may attend one or more sessions. Register the Wednesday before each workshop by calling 402-441-7180 or emailing kristin.geisert@unl.edu.

Pre-cut quilt top kits will be available at each workshop and ready to be sewn together. Finished quilt tops will be donated to Quilts for Kids, an organization that gives quilts to ill children in hospitals. Youth of any sewing skill level are welcome, including those who have never sewn before.

Bring a sewing machine, neutral colored thread, pins and a pair of scissors. A few office sewing machines are available upon request. Donations of cotton quilting fabric and unopened packages of batting are welcome. Questions may be directed to Kristin Geisert.

Make It With Wool contest, Nov. 17

The 2018 state Make It With Wool contest will be held Saturday, Nov. 17 beginning at 9 a.m. at the Dawson County Extension Office in Lexington, Neb. The fabrics/yarns used for the wool contest must be 100% wool or wool blend (minimum 60% wool or specialty wool fiber) for each fashion fabric or yarn used.

Participants may be youth or adults and model their creations for judges. There is also a "Made for Others" category. Entry forms, wool samples, registration and wool testing fees are due Oct. 15 to Andrea Nisley, P.O. Box 757, Lexington, NE 68850. For more information, go to www.nationalmakeitwithwool.com or call 308-324-5501.

Deadline For Extension Board applications, Nov. 1

The Lancaster County Board of Commissioners seek community members to serve on the Lancaster County Extension Board. Vacancies will be filled with three year appointments beginning in January 2019.

Extension Board members advocate for and assist Extension staff in focus areas such as: 4-H youth development; beef systems; community environment; community vitality; cropping & water systems; food, nutrition & health; and the learning child. The board meets monthly (usually the second Friday of the month at 8 a.m.).

Registered Lancaster County voters interested in serving should complete an Extension Board application by Nov. 1. Additional information and an application can be obtained from: Nebraska Extension in Lancaster County, 444 Cherrycreek Road, Suite A, Lincoln, NE 68528 or by calling 402-441-7180. Applications are also online at http://lancaster.unl.edu/lancaster-county-extension-board

Information Night Tues., Oct. 16 • 6pm Lancaster Extension Education Center 444 Cherrycreek Rd., Lincoln Part of See animals National such as rabbits 4-H Week and llamas, Oct. 7-13 Free hot dogs! 🚄 Adults – Help Youth Find Out How Youth Ages 5–18 Can Join 4-H! **Grow By Volunteering!**

EXTENSION NEWS

Tyler Williams receives national achievement award

National Association of County Agricultural Agents (NACAA) awarded Extension **Educator Tyler** Williams with their 2018 Achievement Award for Nebraska in recognition of excellence in Extension educational programs. This honor is



(L-R) NACAA President Alan Galloway with Tyler Williams.

awarded each year to an NACAA member in each participating state who has less than ten years of service and has demonstrated outstanding performance. The award was presented at the recent national meeting in Chattanooga, Tenn.

Vicki Jedlicka recognized as a friend of Super Fair



(L-R) Ag Society board member Jim Swanson, Vicki Jedlicka and board member Ron Suing.

At the VIP Luncheon at the 2018 Lancaster County Super Fair, Extension Publication and Media Assistant Vicki Jedlicka was recognized by Lancaster Event Center Managing Director and Lancaster County Agricultural Society Board as a friend of the Lancaster County Super Fair and Lancaster Event Center. Vicki designs and edits the Super Fair Schedule & Map publication which is printed annually in the Nebline, as well as available before and at the fair. She also does publicity and social media for the 4-H activities at the Super Fair, livestreams several shows and takes numerous photographs.

Ag Society Hall of Fame 2018 awards

The Lancaster County Agricultural Society Hall of Fame Award, established in 2009, formally recognizes individuals who have dedicated time and effort to the Lancaster County Agricultural Society beyond the normal volunteer and who have made significant contributions to the establishment, development, advancement or improvement of the Lancaster County Fair. The 2018 Hall of Fame recipients were Marty Cruickshank and Allan Wood.

Marty Cruickshank was an Extension Associate at Nebraska Extension in Lancaster County for over 13 years prior to her retirement in 2017. Her primary role involved teaching youth. She could have left it at that, but she reached above and beyond instruction. Her invigorating spirit encouraged youth across Lancaster County to take their passion to a higher level. She impacted thousands of lives with innovative work in the 4-H poultry, rabbit and horse programs. Notable projects included the Lincoln Public Schools embryology curriculum and an equine



"horse course" academic program. Her natural ability as a leader and role model for 4-H youth grew the Lancaster County Fair's horse entries from a regular event to one rivaling a state horse show. Her compassion, advocacy for youth and hours of hard work made the Lancaster County 4-H horse program the largest in the state. Her promotion of a fun and competitive county fair lives on today.