

4-H Family Newsletter – May/June 2019

Dear Williams County 4-H Youth, Families, and Volunteers,

I want to officially welcome our new and returning 4-H families to the program! I look forward to working with you in the future!

Please take time to review the 2019 Williams County 4-H Handbook. Each family should have received one of these books at your first or second club meeting. It can also be found on our website at <https://williams.osu.edu/williams-county-4-h-family-handbook>. This book contains a lot of information including rules, expectations, opportunities, and project requirements.

Starting with this newsletter, we will only be sending families a hard-copy of this newsletter to those who list the US mail as their primary correspondence. Everyone else will be receiving the newsletters via email. We will continue to upload each newsletter to our website as well as to 4honline. If you wish to change your correspondence preference with us at any time, please notify the office of this change. (The exception to this is when we send out the Jr. Fair Entry forms this summer—EVERY livestock family will receive that information through the mail then.)

Please Note: *There have been some changes from the initial calendar. Please see the calendar included in this newsletter. Visit <https://williams.osu.edu/program-areas/4-h-youth-development/2019-calendar> for the 2019 Williams County 4-H Handbook, including the up-to-date calendar.*

Sincerely,



Stacey Perry
OSU Extension Educator
4-H Youth Development

Follow us on Facebook for up-to-the minute updates!
www.facebook.com/will4h

Ohio State University Extension

Williams County
1425 East High, Suite 112
Bryan, OH 43506

PH: 419-636-5608

Fax: 419-636-0595

<http://williams.osu.edu>

Facebook:

www.facebook.com/willextension

www.facebook.com/will4h

www.facebook.com/will4Hhorse

Williams County Staff

Stacey Perry
OSU Extension Educator
4-H Youth Development
perry.1735@osu.edu

Stephanie Karhoff
OSU Extension Educator
Ag & Natural Resources
karhoff.41@osu.edu

Jessica Runkel
Program Assistant
4-H/ANR
runkel.8@osu.edu

Karen Ford
Office Associate
ford.806@osu.edu

Office Hours

Monday-Friday
8:00 am – 4:30 pm



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



williams.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity.

County Updates

Project Judging

4-H Project judging events will be here before we know it! Members are reminded to be working on your 4-H projects so you are not overwhelmed at the last minute. Set a goal to cook 2 recipes per week or complete 3 pages per week in your project book. This will make the project experience much more enjoyable for everyone involved. Please be sure to have the correct judging date(s) reserved on your family calendar.

Project Category	Judging Date
Miscellaneous Projects – including shooting sports, small animals, creative arts, cake décor, woodworking, etc. (everything that is not livestock)	Evening of Tuesday, July 9 @ Veterans' Building
Food & Nutrition Projects	Morning of Thursday, July 11 @ Veterans' Building
Clothing projects	Afternoon/early evening of July 11 @ Veterans' Building
<i>Project & judging requirements can be found in the 2019 Williams County Family Handbook</i>	<i>Exact judging times will be released in June.</i>

Project judging is a chance for members to share what they have learned throughout their project, and members are highly encouraged to attend the county-wide judging event. An early miscellaneous project judging will be offered on Wednesday, June 26, from 9:00am-4:00pm. Please contact the Extension office if you will be attending the early judging. **Members that do not participate in the county judging on July 9/11 are only eligible for A, B, or C grades, not State Fair or other honors. Members must attend a judging in order to complete the project.**

Family & Consumer Science Projects

Sewing Camp

Tuesday, June 11

9am – 4 pm; Williams County OSU Extension Office
Open to sewing project members in Williams County.

Please contact the office to
reserve your spot by June 7.

This is a great chance to work on your 4-H project! Please come prepared with pre-washed material, pattern, sewing box, thread, notions, LUNCH, own machine (if possible), etc. Having an adult attend with you is helpful and encouraged. Donna Missler, Master Clothing Educator, will be available to offer assistance with your project questions. ****Please note:** There is a possibility that the location may change. If it does, we will be sure to contact those project members.

Animal & Me Show

The third annual Animal & Me Show will be held on **Tuesday, September 10 at 6:30pm** in the Livestock Show Arena. This heartwarming event provides an opportunity for individuals with special needs to experience what it's like to exhibit an animal at the fair. Participants work with Jr. Fair exhibitors (that's you!) and their animal to participate in a special livestock show to share what they have learned. The animal options provided include: calves, sheep, goats, rabbits and chickens.

This year will be our largest yet, as we have doubled our number of participants! Currently, we are looking for 24 Jr. Fair exhibitors to serve as mentors for this experience. Your role as mentor will be to work with the special needs individual and teach them about how to care for your animal as well as how to safely and properly show your animal at the fair. We know that your time is valuable, but we are expecting that you are able to meet with your Animal & Me partner at the practice date listed below to ensure the most positive experience for all involved.

Based on what the participants listed as their first preferences, ideally, we are looking for:

- 7 junior fair exhibitors with feeder calves
- 8 exhibitors with rabbits
- 4 exhibitors with goats
- 3 exhibitors with sheep
- 1 exhibitor with a chicken

Depending on mentor interest and availability, we recognize that participants may need to go with their second or third preference,

Important Animal & Me Dates:			
Mon., August 19	6:30pm	OSU Extension Office	Meet with Stacey to learn about participants' abilities, etc.
Saturday, August 24	4:00pm	Gillette Building, Fairgrounds	Meet & greet with people. Pizza & Snacks Served
Tuesday, September 10	5:45pm	Show Arena, Fairgrounds	Animal & Me Show. Meet with partner for 20-30minutes and then begin the show.

(Cut on dotted line. Keep information above and post on refrigerator. Submit bottom half to office.)

2019 Animal & Me Mentor

Form Jr. Fair Exhibitor Name: _____ Age: _____

Phone Number: _____ Email: _____

4-H Club/FFA Chapter: _____ T-Shirt Size: _____

If you served as a mentor last year, do you have a participant preference?

If so, list their name here: _____

Type of animal(s) you are willing to share:

___ Feeder Calf ___ Sheep ___ Goat
___ Rabbit ___ Chicken

Please return this form by June 1st to the Extension Office. We will follow up with you later in June to confirm your role as a mentor. Thank you for your interest in this fun event!

4-H Jr. Camp and Cloverbud Camp

4-H Jr. Camp and Cloverbud Camp Registration Open

4-H Jr. Camp will be held June 6-9 at 4-H Camp Palmer. Youth at least 8 years old and in the 3rd grade through age 13 are eligible to attend.

Cloverbud Camp will be held June 8 at 4-H Camp Palmer. Cloverbud Camp is open to youth at least 5 years old and in K-2nd grade (as of January 1).

Registration forms are available at the Extension office and are online at <https://williams.osu.edu/camp>. Please read the information closely and be sure to complete all required forms, as well as attach a photograph to the health form. Friends who are not in 4-H can also attend camp! Make sure to register soon, as sessions are filled on a first-come, first-served basis. **All Camp Registrations must be received in our office by May 24 (not postmarked by May 24).**

Directions to 4-H Camp Palmer

The address for Camp Palmer is 26450 Co. Rd. MN, Fayette, Ohio 43521.

Traveling North on US 127, turn right on Williams County Road O and follow the 4-H Camp Palmer and Harrison Lake State Park signs. This road turns into Fulton County Road M. Take County Rd M until it turns left on to Fulton County Road 27-1, then turn left onto Fulton County Rd 27, travel 0.5 mile, turn right onto Fulton County Rd MN and follow the signs to Camp Palmer.

Camp Store & Bank Available

A Camper's Bank will be provided for those campers who wish for an Extension Staff member to take care of their money during the time at camp. It is recommended that they do not have more than \$10, and that money deposited to the Camper's Bank is in small bills. More expensive items such as t-shirts, hoodies, and sweatpants can be purchased during check-in and check-out.

The camp store will be open occasionally during free time to allow campers the option to purchase snacks and other camp items. Parents/guardians and campers are welcome to visit the store during registration and check-out to make purchases as well. View a Camp Store price list with pictures at <https://williams.osu.edu/camp>.

Camp Mail and Communication

Campers may receive mail via USPS or one-way camper e-mail while at 4-H Camp Palmer. One-Way Camper Email is offered for a fee by Bunk1. To set up an account and for details, visit <http://go.osu.edu/campmail>. This program will print out e-mails for your camper that will be dispensed once a day with the regular mail.

Name of Camper c/o 4-H Camp Palmer 26450 Co. Rd. MN Fayette, Ohio 43521
--

The phone number at Camp is 419-237-2247. This is for EMERGENCY use only. There is no camper access to a phone at camp. **Absolutely no cell phones or electronic devices** are to be brought to camp.

Animal Science Projects

Livestock Quality Assurance

All youth planning to exhibit market animals or animals that produce marketable byproducts (eggs, milk, etc.) are required to attend annual LQA training each year (unless they have tested-out previously). This includes beef, sheep, swine, poultry, and goat projects. Market rabbit exhibitors are also required to attend the training. Youth not completing the LQA requirement will not be able to exhibit at the Ohio State fair or Williams County Fair with livestock.

Final Opportunities for 2019 Williams County LQA:

Monday, April 29; 7:00pm, Bryan First Church of Christ

May 9, 7:00 pm, Edon HS VoAg Room

RSVP to Mrs. Everetts: 419-272-3213 ext 1208

Additional dates may be available in surrounding counties

Animal Project Possession Dates

Possession dates are approaching for 4-H livestock and other animal projects. Exhibitors should refer to the Livestock Summary Chart at <https://williams.osu.edu/projects> for more project requirement information.

PLEASE NOTE: These are possession dates only and may differ from age requirements of the animal. Please also note that if you are planning to show at the Ohio State Fair, there may be differing possession dates from our county dates. Check out their website at <https://ohiostatefair.com/livestock/>

Swine Clinic & Scramble Pig Winners:

The swine clinic will be **Saturday, May 11th at 9:30am** at the Williams County Fairgrounds in the Livestock Show Arena. You will learn about proper nutrition, housing and how to care for your swine project. If you won the scramble pig contest from the 2018 Youth Night at the fair, you will need to arrange transportation to get your pig home immediately following the swine clinic. Be sure to thank the Pork Producers for their continued support of this fun program!

Project Type	Possession Date
Market Steers	Jan. 1 or official tagging date (whichever comes first)
Dogs	May 1
Small animals – pocket pets, pet rabbit, cat, cavy, SD sm. animal	May 1
Feeder calves & breeding beef animals	June 1
Market & breeding sheep	June 1
Market & breeding goats	June 1
Alpacas & Llamas	June 1
Horses	June 1
Market Swine	June 1
Breeding Rabbits	June 1
Market Rabbits	Roaster – June 1 Pen of 3 – Doe owned by June 1
Poultry	Fancy poultry – June 1 Market Chickens - July 18 (7 weeks) Market Turkeys – May 3 (18 weeks) Market Ducks & Geese – May 3 (18 weeks)

Creative & Leisure Arts Projects

Cake Decorating Workshop - Beginner

Saturday, May 11 @ Stryker United Methodist Church

Beginner Class: 9:00 a.m. – 12:00 pm

RSVP by Thursday, May 9th if you are planning to attend.

We will use the easiest tips mentioned below, but bring what you have and don't worry if you do not have all the tips listed

Marilyn Weigel, long time cake decorator and 4-H advisor will be hosting this hands-on workshop. Participants will learn and practice cake decorating techniques. Experienced members are welcome to attend and help as needed. Parents are also welcome to attend and practice their skills, just bring your own supplies.

Those wanting to participate should bring:

- 1 recipe of Butter Cream Frosting, from the Resource Book, no coloring please
- Decorating Bag with Coupler (coupler allows the changing of tips)
- Flat cake pan or cookie sheet to practice on
- **No cake please**
- Tips: (as listed to the right & in project book)

Beginner Tips to be used:

- One plain round or writing tip: 3 or 4
- One Leaf tip: 67 or 352
- Three star tips: 16, 18, 22 or 27 and 31 or 35
- Two drop flower tips, one large and one small: 224 or 107 and 131 or 193
- The easiest ones to start with are: #4, #352 & #18

May 2019

- 1 Dog ID Forms Due
- 4-H Camperships Due
- 3 Cooper Turkey Pick-up 1:30-4:30pm
- 3 4-H Night with the Mud Hens, 7pm
- 10 Booth Poster Contest Due by 4:30 pm
- 10 Early Bird Jr. Camp Registration due Save \$10
- 11 Cake Decorating Workshop, 9 am, Stryker United Methodist Church
- 11 Swine Clinic & Scramble Pig Pick-up 9:30am Fairgrounds
- 14 4-H Advisory Council, 7 pm
- 18 Goat Clinic, Fairgrounds 9am-Noon
- 20 Endowment Committee, 6:30 pm
- 24 Final Jr & Cloverbud Camp Reg. Due
- 27 Office Closed, Holiday

June 2019

- 1 Sheep, Goat, Calf Tagging, Fairgrounds, 8-11 am
- Beef Clinic, Fairgrounds 11:30am-12:30pm
- 1-5 State Leadership Camp
- 3 Forms Due: Swine ID, Dairy ID, equine paperwork, lease forms
- 3 FFA Still Projects Due
- 3-6 Science Camp, Camp Palmer
- 6-9 4-H Jr. Camp, 4-H Camp Palmer
- 6 Horse/Measuring, Fairgrounds, 6:30-7:30 pm
- 8 4-H Cloverbud Camp, 4-H Camp Palmer
- 9-13 Ohio Forestry Camp
- 11 Clothing Workshop 9am-4pm
- 11 4-H Advisory Council, 7 pm
- 13 Endowment Scholarship Banquet, 7pm
- 20 OSF entries must be postmarked
- 23-29 Citizenship Wash. Focus, D.C.
- 26 Early Misc. Judging, 9am-4pm; must call to RSVP

County Handbook Corrections

Since the handbook has been printed, we've noticed some errors and wanted to share them with you in order to avoid mis-information.

1. **Poultry**, page 39, at the top of the page it mentions a July 18th pollorum date. Cross that out.
2. **Rabbits**, page 41 at the top of the page in the box, it mentions an August 8th weigh-in. That is not correct. Scratch that out.
3. **Sheep**, page 43 under the notes section of Sheep Breeding, it says that a member should have at least 2 registered ewe lambs—that is not a requirement.
4. **Food Projects**: Cost per serving calculations listed on page 17 of the handbook is not a requirement. (This is noted in the Food Supplement that accompanies the food projectbooks.)

There may be more errors—as we come across those, we will try to send out corrections to keep you all in the loop.

4-H Booth Theme Poster Contest

All 4-H youth members are encouraged to submit a booth theme poster by **May 10** to the OSU Extension office. Posters are reviewed by the Williams County 4-H Advisory Council to determine a booth theme for the current year. The first place theme will be used by each 4-H Club to design and decorate their 4-H Club booth at the Williams County Fair. First place poster will win \$45.00, second place will win \$30.00 and third place will win \$15.00.

Booth Poster Guidelines

- Standard 22" X 18" poster board
- Poster should be in color, not just black & white
- Must display an original 4-H promotion booth theme
- Use of copyrighted slogans and characters is prohibited, but the use of the 4-H Clover is allowed.

Beef Clinic

At 11:30am following tag-in on Saturday, June 1st, there will be a Beef Clinic at the Livestock Pavilion at the fairgrounds. Youth will learn the basics of how to care for their beef project. Such items include clipping and grooming and how to show the animal. This clinic is sponsored by the Williams County 4-H Advisory Council.

Pullorum Testing update for 2019

State Veterinarian, Tony Forshey from ODA sent this email out regarding pullorum testing, "Due to the fact that there is no S. pullorum antigen available for testing, Ohio is waiving the S. pullorum testing requirement for the 2019 fair season. The exception to this waiver is out of state poultry that do not have a VS form 9-3. The VS form 9-3 signifies that the poultry are from a NPIP flock that is free of S. pullorum. Ohio is currently S. pullorum free."

TRI STATE DAIRY GOAT ASSOCIATION'S
GOAT CLINIC



Learn About:
Hoof Trimming
Disbudding
Castrating
Fitting & Shearing
Nutrition
Herd Management
Pack Goat
Showmanship
Door Prizes
Lunch



FREE FOR ALL YOUTH

Williams County Fairgrounds – Livestock Show Arena
Montpelier, Ohio
Saturday May 18th, 2019
9:00 am to 12:00 pm



4-H Night

With the Toledo Mud Hens

Friday, May 3 at 7PM

Toledo Mud Hens vs Columbus Clippers

Tickets are just \$13 each

4-H clubs will be seated together


Clubs will be entered to win fan experiences
Group Merchandise and Food Vouchers available.

Reserve your tickets today!

Contact Rita Natter (419) 725-9258 or rnatter@mudhens.com
to book your club's seats!



Important Dates & Reminders

<p>Livestock Forms due June 3</p> <ul style="list-style-type: none"> • Market swine ID forms • Dairy IDs • Lease agreements • Horse IDs • Horse permission to participate • Horse safety & ethics form (1st yr. only) <p>Forms should have come with your books, but additional forms are available at the office or at https://williams.osu.edu/projects.</p>	<p>Equine Vaccinations</p> <p>Equine exhibitors should have their horses vaccinated according to fair requirements no later than June 6.</p> <p>Vaccination forms were in project books and are available at https://williams.osu.edu/horse.</p> <p>The fair vet will be available at horse measuring on June 6 for those still needing the vaccinations.</p>
<p>Required Animal Tagging</p> <p>Saturday, June 1, 8-11 am Williams County Fairgrounds</p> <p>Tagging for market lambs, market goats, beef feeders and dairy feeders. Members are also able to receive a starting weight, if desired. Animals weighed on this date will automatically be entered in the rate of gain contests.</p>	<p>Equine PAS Registration OPEN</p> <p>Members interested in participating at the Ohio State Fair with their equine project must qualify to do so. If interested, members must register for the show(s) they plan to participate in. Registration is due no later than June 1.</p> <p>Registration is online and can be accessed at: https://ohio4h.org/statewide-programs/animal-sciences/horse/pas-shows</p>
<p>Rabbit & Poultry Clinic</p> <p>Saturday, August, 17th at 9:00am</p> <p></p> <p>Rabbit Clinic will be held at 9:30am at the rabbit barn to show exhibitors how to show their rabbits. Afterwards exhibitors can have their rabbits tattooed.</p> <p>Poultry Clinic will be from 9am-10am and is for beginner level poultry exhibitors to learn about how to properly show your animal.</p> <p>Due to the shortage of antigen, pullorum testing for 2019 fair season has been waived.</p>	<p>Equine Measuring –June 6</p> <p>6:30 -7:30 pm, Horse Barn, Fairgrounds</p> <p>All equine planning to be exhibited in the Williams County Jr. Fair are required to obtain an official height. These heights will be used to determine if the equine will exhibit in the horse or pony classes at the fair. Horses measure above 58" and ponies are below 58". Once a horse has measured 58" (or above) or has reached 5 years of age, they do not need to return to measuring. If this is the first time an equine will be shown at the fair, a height measurement is required, regardless of age.</p>

Save the Date!

Thursday, July 18, 2019
Veterans' Memorial Building, Montpelier

60th Annual 4-H Chicken BBQ

Serving from 4-6 pm

Dinner Menu:
½ BBQ Chicken

Side

Dessert

Dinner tickets - \$8



This event is a major fundraiser for Williams County 4-H. Proceeds are used to enhance and strengthen the 4-H program for the following year.

4-H members and their families are expected to sell pre-sale dinner tickets and help with set-up activities or serving the day of the event.

Please mark this date on your calendar & plan to help!

\$6 lunch meals (chicken, cookie, chips) are also available from 11 am – 1 pm on July 18.

2019 4-H CALENDAR

Dates/Times are subject to change. Check the web site for updates <http://williams.osu.edu>
 All meetings will be held at the OSU Extension Office unless stated differently

January 2019

- 4 4-H Achievement & Camp Counselor Apps Due
- 8 4-H Advisory Council, 7 pm
- 11 County 4-H Scholarship Apps Due
- 21 Office Closed – Holiday
Youth Sewing Class, 9 am – 12 pm
- 15 Club reg. & Treasury Report Due
- 28 4-H Endowment Committee, 6:30 pm
- 31 Volunteer Training, Putnam Co, 6:30 pm

February 2019

- 7 Williams Co. Advisor Training, 6:30pm
- 9 Williams Co. Advisor Training, 9am
- 12 4-H Advisory Council, 7 pm
- 17 Spring Kick-Off Event, Veteran's Building
- 21 Volunteer Training, Archbold, 6:30 pm
- 23 Livestock Quality Assurance, Mont. Schools, Auditorium, 9am

March 2019

- 3-9 Ohio 4-H Week
- 7 Livestock Quality Assurance 7pm Edon Fire Hall
- 9 Ohio 4-H Conference, Columbus
- 12 4-H Advisory Council, 7pm
- 16 Horse Quality Assurance, Location TBD 9am-11am
- 17 Camp Palmer Maple Syrup Bruch, Camp Palmer
- 23 Maple Syrup Fest, Fairgrounds
- 25 Endowment Committee, 6:30 pm

April 2019

- 1 4-H Enrollment Due, Dog Perm. to Part. Due
- 4 Officers' & Advisors' Training, 6:30 pm, Montpelier School
- 6 Food & Clothing Workshop
- 9 4-H Advisory Council, 7pm
- 11 Horse Royalty Applications Due
- 11 Poultry Workshop 6-8pm: Location TBD
- 15 Final 4-H Enrollment Due
- 20 Horse Royalty Interviews, 9am Horse Arena
- 29 Livestock Quality Assurance, Bryan First Church of Christ, 7pm

May 2019

- 1 Dog ID Forms Due, 4-H Camperships Due
- 3 Cooper Turkey Pick-up 1:30-4:30pm
- 3 4-H Night w/ Mud Hens 7pm @Toledo
- 10 Booth Poster Contest Due by 4:30 pm
- 10 Early Bird Jr. Camp Registration due – Save \$10
- 11 Cake Decorating Workshop, 9 am, Stryker United Methodist Church
- 18 Goat Clinic, Fairgrounds 9am-Noon
- 20 Endowment Committee, 6:30 pm
- 24 Final Jr & Cloverbud Camp Reg. Due
- 27 Office Closed, Holiday

June 2019

- 1 Sheep, Goat, Calf Tagging, Fairgrounds, 8-11 am
- 1 Beef Clinic, Fairgrounds, 11:30am
- 1-5 State Leadership Camp
- 3 Forms Due: Swine ID, Dairy ID, equine paperwork, lease forms
- 3 FFA Still Projects Due
- 3-6 Science Camp, Camp Palmer
- 6-9 4-H Jr. Camp, 4-H Camp Palmer
- 6 Horse/Measuring, Fairgrounds, 6:30-7:30 pm
- 8 4-H Cloverbud Camp, 4-H Camp Palmer
- 9-13 Ohio Forestry Camp
- 11 Clothing Workshop 9am-4pm
- 11 4-H Advisory Council, 7 pm
- 13 Endowment Scholarship Banquet, 7pm
- 20 OSF entries must be postmarked
- 23-29 Citizenship Wash. Focus, D.C.
- 26 Early Misc. Judging, 9am-4pm; call to RSVP

July 2019

- 1 Creative Writing Project Due
- 15-19 Leadership Washington Focus, D.C.
- 9 Miscellaneous Project Judging
- 11 Food & Clothing Project Judging
- 18 4-H Chicken BBQ, Veterans Building
- 20 Horse Clinic (Showmanship, saddle fitting, etc.) Fairgrounds, 9am
- 22 Early Livestock Interviews, by appointment
- 22 Endowment Committee, 6:30 pm
- 24-Aug 4 Ohio State Fair, Columbus

August 2019

- 6 4-H Advisory Council, 7 pm (Gillette Building)
- 7 Livestock Interviews, Fair Entries Due, Gillette Building
- 17 Rabbit & Poultry Clinic fairgrounds, times vary
- 24 Animal & Me Practice, Fairgrounds

September 2019

- 2-6 4-H Booth Set-up, Fairgrounds
- 6 Weigh-In Day, Fairgrounds
- 7-14 Williams County Fair, Fairgrounds
- 17 4-H Advisory Council, 7 pm
- 23 Endowment Committee, 6:30 pm

October 2019

- 1 Honor Club, Outstanding Teen & 1st year forms due
- 6 Celebrate 4-H Camp Palmer
- 6-12 National 4-H Week

November 2019

- 11 Office Closed, Holiday
- 28-29 Office Closed, Holiday

December 2019

- 2 4-H Council Budget Comm., 6:30 pm
- 10 4-H Advisory Council Meeting, 7pm



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



williams.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity.