

## 4-H Newsletter

December/January/February 2018

---

### Expanding the 4-H Program



Join us in welcoming Amanda Forquer (Staley) to the OSU Extension – Morrow County team. Amanda is working with Becky Barker to deliver 4-H programming, but will mainly focus on expanding 4-H STEM education and workforce preparation with the youth of Morrow County. She comes to us after having worked at the State 4-H Office for the past 10 years. Amanda grew up in the Morrow County 4-H program and currently lives in Mt. Gilead with her husband and son. You will likely see her teaching in the local schools and in the community overseeing events or workshops. Amanda and Becky's ultimate goal is to reach all Morrow County youth ages 5 to 19 by giving them the opportunity to receive Extension education. Our 2016 program data showed, 30.8% of our youth received Extension education.

To see some of the programs Amanda has already developed, read the articles in this newsletter titled *Attention Teachers, 4-H Career Exploration Tour, and Introduction to Construction Management and Automotive Jobs Workshop for Youth!* If you have an interest or are an expert in STEM or workforce preparation, please contact Amanda if you would like to help or share your expertise. Feel free to stop by and say hello or email Amanda at [forquer.13@osu.edu](mailto:forquer.13@osu.edu).



The 2018 Ohio 4-H Conference will take place at the Greater Columbus Convention Center on Saturday, March 10, 2018. This event is designed to bring together 4-H volunteers and teens from across the State of Ohio. The objective of this event is to learn together and from each other in order to improve our abilities to deliver the Ohio 4-H Program to its members. We truly believe that these educational selections offer something for everyone, and have the ability to satisfy every taste and need.

Nearly 150 sessions will be available to choose from!

Who: All Ohio 4-H Teens & Volunteers are welcome to attend

When: March 10, 2018, 8:00am - 5:00pm

Where: Greater Columbus Convention Center, 400 N. High St., Columbus, Ohio

Deadline: Wednesday, February 7, 2018 (To Morrow County Office

How Much Does It Cost: \$20 for Morrow County Members and Volunteers (\$35 Regularly) Thanks to our 4-H Endowment!

*All registrations postmarked after February 7<sup>th</sup> will be charged \$35 and will not include the luncheon.*

Registration opens at 8:00 am and Session I starts at 9:00 am.

## **4-H Membership Eligibility Change!!**

Just a reminder and clarification on membership eligibility for 4-H members.

\* Youth may join the cloverbud program (Non Competitive) when they are in kindergarten and five years old as of January 1, 2018.

\* Youth may begin **taking 4-H projects** when they are **8** years old **and** in the 3<sup>rd</sup> grade as of January 1, 2018.

**\*\*NEW\*\* - Any youth age 9 or above is eligible for projects, regardless of grade level.**

\* The last year of 4-H eligibility is the year in which a youth turns 19 years old (example: if you turned 19 years old on July 12, 2017 your last year in 4-H was in 2017).

## **Thinking of Starting A 4-H Club or Just Volunteering?**

Contact Becky Barker for more information. (419-947-1070)

## **2018 Club Advisor Kick- Off Meetings Set**

January 31 –

Session 1: 10 AM to 12 Noon

Session 2: 2 PM to 4 PM

Session 3: 7 PM to 9 PM

February 1 –

Session 4: 10 AM to 12 Noon

Session 5: 2 PM to 4 PM

Session 6: 7 PM to 9 PM

Snow date (Only if one of the meetings are cancelled) Feb. 6 – 7 to 9 PM

**\*\*At least one representative from each club must attend ONE of the Sessions to be a 4-H club for 2018.**

## **Morrow County 4-H Camp Dates!**

Mark your calendar for another fun 5 days of camping! 2018 Camp dates are July 9-13<sup>th</sup>.

## **Animal Project Born By/Hatch Dates**

January's the time to start thinking about and getting some of our market and breeding project animals. Listed are our fair requirements for some of the animals born/hatched early in 2018.

\* Market Feeder Calves - Born January 1 to April 1

\* Market Hogs - Farrowed/Born after February 1st (**ideally** born mid February – mid March)

\* Market Goats - Born after January 1

\* Market Lambs - Under 1 year of age by fair

\* Breeding Poultry – Under 1 year of age by fair

Mark your calendar for another fun 5 days of camping! 2018 Camp dates are July 9-13<sup>th</sup>.

## **Dunk Tank Thank You!!**

Thanks to the following clubs who braved the fair dunk tank!!

All monies go to the Weiler 4-H Camp Scholarship Fund!

Motley Crew – Robin Conrad

Clever Clovers – Cheri Smith and Megan Michels

Country Guys and Gals – Jana Worner and Lisa Beck

Next Generation – Missy Kidwell, Robin Jordan, Miranda Spoon

Happy Hemstitchers and Haymakers – Vanessa Gingerich, Cheryl Young, Laura Goodwin, Brian Gingerich,

Laura Fiant, Kortney Brinkman

Clover Posse – Carol Holsinger

Thanks to These Groups for signing up but fair got a little wet and cold!

Iberia Jr. Farmers – Betsy Gallaher, Angie White, Adam Smith, Emily Libengood, Renee Ness

Friendly Farmers – Kelly Beck, Peggy Hubschman, Matt Beck, Stacy High, Jessica Anderson, James Anderson

## **July 3<sup>rd</sup> Thanks!!**

Thanks to the following clubs for working the food stand at the July 3<sup>rd</sup>!

Cardington Clovers

Buckeye Brigade

America Country Farmers

Highland Achievers

Spirit of Livestock

Country Crossroads

Morrow Believers Are Achievers

Johnsonville Jolly Farmers and Farmerettes

Jr. Fair Board members and advisors

Also a big thank to countless hours by Betty May

## **JOANN Fabrics Offer**

JOANN Fabrics has partnered with the National 4-H Council to bring more hands-on 4-H programs to youth.

Current members, parents and volunteers can sign-up for the JOANN 4-H Rewards Card and receive 15% off total in-store and online purchases. JOANN will give a minimum of 2.5% of every eligible transaction to

support 4-H programs. Find the details at <http://www.joann.com/4-h/>

## **Officer Awards**

### **News Reporter**

1<sup>st</sup> Place – Emily Baker – Buckeye Brigade

2<sup>nd</sup> Place – Lydia Leonhard – Johnsonville Jolly Farmers & Farmerettes

### **Treasurer**

1<sup>st</sup> Place – Lindsay VanHorn - Johnsonville Jolly Farmers & Farmerettes

2<sup>nd</sup> Place – Alicia McElwee – Shaw Creek Farmers

3<sup>rd</sup> Place – Mila McRill – Country Crossroads

### **Secretary**

1<sup>st</sup> Place – Emma Smith - Johnsville Jolly Farmers & Farmerettes

2<sup>nd</sup> Place – Rachel Keckler – Buckeye Brigade

3<sup>rd</sup> Place – Delisa Goodman – Shaw Creek Farmers

## More Fair Awards!

### Overall Top Food Project!

Congrats Claudia Gamble

### Overall Top Clothing Project!

Congrats Riley Johnson

### Talent Show Junior Winners!

1<sup>st</sup> Place – Garrett George

2<sup>nd</sup> Place – Zoe Parrott

3<sup>rd</sup> Place – Jillian Rose West-Johnston

4<sup>th</sup> Place – Louisa Hallabrin

### Talent Show Senior Winners!

1<sup>st</sup> Place – Jonathan Artrip

### Talent Show Group Winners!

Ella Creswell, Janey Creswell, Mahaila Strobel, Brooke Jagger, Natalie Jagger

## Animal Project Book Awards!!

### Poultry

Logan Doubikin

Branden Gamble

Joseph Heilman

Carson Kessler

Cassady Neviska

### Beef

Aubree Bellamy

Taylor Stephen

### Dogs

Emma Kate

### Goats

Andy Baker

Megan Beck

### Sheep

Lauren Johnson

Hailey Jennings

Grant Jennings

Jacob Hamilton

Cadie Hamilton

Lexi Hinkle

Becca Duckworth

Zane Parrott

Zoe Parrott

### Rabbits

Andy Baker

Aleissa Tobin

Chad Carpenter

Cheridan Jones

Ashley Tharp

Rachel Howell

Kahlan Ball

Emma Smith

Isabela Schroef

### Horse

Bailey Remmert

Casey Bertke

### Swine

Brooke Clapham

Paige Clinger

Austin Grandstaff

Jacinta Elbin

## Attention Teachers

*By Amanda Forquer, OSU Extension 4-H Educator*

Want a small break from your everyday teaching? Perhaps you need a little help teaching a subject that you're just not quite confident teaching? Today is your lucky day! Call or email me (Amanda Forquer) with your ideas or concerns and we can work together to develop lessons plans that will be hands-on engaging activities to help our youth learn. My main focus areas are STEM, career exploration, and workforce preparation.

Potential programs include but we are not limited to:

### **ChickQuest: A Classroom Journey Through the Life Cycle of Chickens**

Designed for youth in grades 3 or 4, this program challenges youth to use science, technology, engineering, and math skills to investigate the life cycle of an embryonic chicken egg. From monitoring living eggs to observing fluffy chicks, these lively activities pique curiosity, encourage collaboration and communication, and provide young scientists with unforgettable experiences. Youth will be provided a logbook to record the data of what they are observing.

All equipment and fertilized eggs are provided. Youth will be able to observe the eggs for the entire 21 day cycle and even get to watch the eggs hatch in their classroom.

### **Healthy Soils**

Designed for youth in grades 4-7, this activity teaches youth that healthy soils are essential for a sustainable future. Farmers have the job of ensuring that the soil they are utilizing for their crops is kept healthy. One part of this includes using no-till farming practices whenever possible. Youth will be challenged with using HexBugs to building a tractor and planter that will be able to navigate through soil while providing the least amount of disruption to the soil as possible.

### **The Honey Bee Challenge**

Designed for youth in grades 4-7, the Honey Bee Challenge focuses on a critical component—honey bees—to growing food and feeding the world. Approximately one in every three bites we eat is the result of these pollinators at work. For this activity youth will build a honey bee and learn how they pollinate flowers. Their honey bees will be tasked with moving “pollen” to various spots on a map.

### **Rockets Away**

Designed for youth in grades 4-8, Rockets Away is for youth to have fun with physics and to experience the general relationships between forces and a change of motion through activities with rockets. Youth will have the opportunity to build and launch a bottle rocket!

Contact **Amanda Forquer**, [forquer.13@osu.edu](mailto:forquer.13@osu.edu) or **419.947.1070**, if interested in bringing new programming into your classroom. I am booking programs now for February – May. **All programs and the supplies needed are free within the schools of Morrow County.**

## 4-H Career Exploration Tour

*By Amanda Forquer, OSU Extension 4-H Educator*

It is estimated that by 2050 the agriculture industry will be expected to feed more than 9 billion people. In order to accomplish this, we need to introduce youth to agriculture careers. The goal of this tour to Michigan and Indian is to expose 4-H youth to multiply agriculture career opportunities and to an available post-secondary program option. Why out of Ohio you might ask? Going to tour The Ohio State University or an Ohio industry is much easier for our youth to do on their own so we are wanting to expand their reach by going out-of-state.

April 26-28, we will travel to an agribusiness, AGROLIQUID, to gain a better understanding of how their interests in agriculture can flourish into a career, while also being exposed to a sector of the agricultural industry that they may not be as familiar. Youth will participate in their IQhub (iqhubag.org) where they will learn about sustainable agriculture, nutrient management and so much more. Participates will also visit a very popular agritourism facility, Fair Oaks Dairy, where they will be exposed to production agriculture and see firsthand how important it is for the agriculture industry to “tell their story” to consumers.

Michigan State University (MSU) has a strong agriculture program. Youth will tour MSU campus and learn about the degree opportunities available. Last but not least, youth will get exposed to a little German culture! We will stay in Frankenmuth, Michigan a night and take in the German culture, food, and visit the world's largest Christmas Store, Bronner's Christmas Wonderland (if time permits)!

This tour will be available to all 4-H youth in grades 9-12 in both Marion and Morrow Counties. Due to bus size restrictions each county is limited to taking 17 youth plus chaperones. Applications and a \$50 deposit are due March 8. Total registration cost is currently unavailable due to pending grant approval. Look for the application and more detailed information on our web page (morrow.osu.edu) after 1.1.17. Questions? Contact Amanda Forquer, ([forquer.13@osu.edu](mailto:forquer.13@osu.edu))

## **Introduction to Construction Management and Automotive Jobs Workshop for Youth!**

*By Amanda Forquer, OSU Extension 4-H Educator*

For many years the advice of older generations was to go to college so you could make a good living. This was true for so many but it also caused a shortage of workforce in another area. Skilled trade jobs are in high demand due to so many youth going the route of college in the 1990s and 2000s. Employers are finding themselves needing large numbers of employees to fill the jobs of those retiring and the new positions due to increased demand due to population growth.

The goal of this workshop is to provide youth the opportunity to "try-out" a few of those skilled trade professions that are in dyer need of employees. We will provide a one-day workshop for youth which want to explore the fields of construction and automotive technicians/mechanics. Youth will receive hands-on instruction for the day to see if they like the trade and perhaps consider pursuing it for a career.

Each youth that participates will go home with resources they can use to practice their skills at home. They will take home tool sets, how-to-build instructions for the projects they will be completing during the workshop, given information about construction management and/or automotive career fields and what kind of formal training they will need in order to be successful in those fields.

Youth in grades 5-12 are encouraged to attend. Look for more detailed information regarding this workshop (that will be held in April) on our web page after 1.1.17. Questions? Contact Amanda Forquer, [forquer.13@osu.edu](mailto:forquer.13@osu.edu).

## From The Jr Fair Office

### News from Julie

By the time this is received, we will have the 2018 fair season underway. Market steer/ heifer weigh in was held on December 2nd. This means that projects are started and hard work has begun. As I reflect over all the projects that were at the 2017 fair, I enjoy seeing exhibitors work hard and excel in projects that they have a passion for. They also learn that some projects just aren't for them and that's ok too. Real world practice is life lessons, helping them to grow into prosperous adults.

Since the fair is over, the Jr. Fair Board has been working on revisions for 2018. These will be printed in the next new letter and also will be in the fair book when it goes to print. Our new board members will begin a new adventure with us beginning in January. If you have a teenager interested in becoming part of the board for 2019, have them apply next fall. Anyone with a desire to help make a difference is welcome to apply. You DO NOT have to take livestock projects to be on the board.

I would like to take this time to thank all who help make the fair a success; Jr Fair Board, Jr Fair Board Advisors, 4-H Advisors, FFA Advisors, Parents, Siblings, Family Members, Neighbors, Friends, Sr Fair Board and Staff, Extension Staff, and anyone else I may have missed. As the saying goes it takes a village to raise a child. Many are unsung heroes in someone's eyes. THANK YOU from the bottom of my heart.

On behalf of the Jr Fair Board, we wish you a Merry Christmas and a Happy New Year!!

Julie & The Board

#### Morrow Co. Lamb Carcass Results - Hoffman's 2017

<b>NAME</b>	<b>HCW</b>	<b>Back Fat</b>	<b>REA</b>	<b>Body Wall</b>	<b>BTRC%</b>
Lauren Johnson - Live Res. Ch.	76	0.2	3.4	0.6	49.15
Riley Johnson - Live Grand Ch	73	0.2	3.2	0.8	48.207

Morrow Co. Beef Carcass Show Results 2017 – Links

ID	HCW	BACK FAT	REA	%KPH	%BTRC	Maturity	Marbling	QG	Price	Rank
Lucy Smith - Jr./Sr. Fair	872	0.6	13.5	1.5	53.86	A	md30	ch+	246.90	1
Bud Ruth - Sr. Fair	758	0.3	14	1.5	56.4	A	sm30	ch-	245.75	2
Dave Sherman - Sr. Fair	824	1	13.8	1.5	51.95	A	MdA20	pr-	245.35	3
Taylor Stephen - Live Grand Champ	796	0.4	16.2	1.5	57.3	A	sm40	ch-	245.25	4
Zack Ruth - Sr. Fair	858	0.4	15.6	1.5	56.62	A	sm20	ch-	244.20	5
Holly Gompf - Jr. Fair	792	0.4	13.6	1.5	55.39	A	sm40	ch-	244.15	6
Taylor Stephen - Jr. Fair	798	0.5	14	1.5	55.09	A	sm80	ch-	243.65	7
Lucy Smith - Jr./Sr. Fair	812	0.5	14.2	1.5	55.18	A	sm30	ch-	243.65	8
Holly Gompf - Jr./Sr. Fair	852	0.7	13.9	1.5	53.65	A	sm70	ch-	243.00	9
Scott Gompf - Sr. Fair	878	0.7	14.8	1.5	54.22	A	sm30	ch-	242.50	10
Colton Beck - Live Res. Champ	914	0.6	16	1.5	55.55	A	sm10	ch-	241.45	11
Dana Clinedinst - Jr. Fair	864	0.4	17.2	1.5	57.78	A	sl90	se+	233.00	12
Porter Beck - Sr. Fair	872	0.5	17.2	1.5	57.17	A	sl90	se+	233.00	13
Rob Smith - Sr. Fair	752	0.4	16.4	1.5	57.62	A	sl70	se+	233.00	14
Brad Hessey - Sr. Fair	786	1.4	10.5	1.5	47.34	A	sm20	ch-	224.75	15

HCW = Hot Carcass Weight

Back Fat = amount of fat at the ribeye in inches

REA = Ribeye Area in square inches

% KPH = Percent Kidney, Pelvic, and Heart Fat

% BTRC = Percent Boneless, Trimmed, Retail Cuts (saleable product)

Marbling = fat within the ribeye, used to determine quality grade

QG = Quality Grade

HCW = Hot Carcass Weight in lbs.

Back Fat = Fat measures at the 12th rib in inches

REA = Ribeye Area measured at the 12th rib in sq. inches

Body Wall = Fat measured along the rib at the 12th rib in inches BTRC%

= Percent Boneless Trimmed Retail Cuts (Saleable Product)



## Pork Carcass Results

Name	Back			%	Carcass	Rank
	HCW	Fat	LMA	Lean	Quality	
Sandy Ulrey - Sr. Fair	153	0.4	8.5	63.08	ACCEPTABLE	1
Brooke Bower - Jr. Fair	156	0.4	8.3	62.38	ACCEPTABLE	2
Taylor Watson - Jr./Sr.	150	0.4	7.8	62.01	ACCEPTABLE	3
Leigh Ann Bower - Jr.	147	0.5	8.2	61.66	ACCEPTABLE	4
Paul Ulrey - Sr.	161	0.5	7.7	59.41	ACCEPTABLE	5
Casey Stepp - Jr.	135	0.6	7.1	58.93	ACCEPTABLE	6
Paul Ulrey - Sr.	146	0.6	7.5	58.82	ACCEPTABLE	7
Madison Huntsman- Live Gr Ch	189	0.70	7.7	55.18	ACCEPTABLE	8
Griffin Healea- Live Res. Ch	168	0.70	6.9	54.83	ACCEPTABLE	9
Jeffery Barker - Jr.	158	0.90	6.8	52.40	ACCEPTABLE	10
Payton Goodman - Jr.	175	1	6.4	49.89	ACCEPTABLE	11
Kayla Barker - Jr./Sr.	156	1.1	6.3	48.70	ACCEPTABLE	12

HCW = Hot Carcass Weight in lbs

## Elite Projects!

Congrats to our 2017 Elite Animal Project Awards – Results based on a combined score from Showmanship placing and Skillathon Score.



Poultry: Cade Miracle (Beg.), Brett Shipman (Int.) and missing Zoya Winkelfoos (Jr.), Cassady Neviska (Sr. and Overall)



Sheep: l to r Riley Johnson (Sr and Overall), Leslie Brubaker (Int.), Lauren Johnson (Jr.) and Cadie Hamilton (Beg.)



Feeders: l to r Hope Miracle (Sr. and Overall), Macy Miracle (Int.), Lydia Leonhard (Jr.), Cooper Young (Beg)



Horses (Results based on combined Skillathon Score and ABC grading Score): l to r Megan Bertke (Sr. and Overall), Casey Bertke (Int.), Dana Bertke (Jr.), Isabella Stang (Beg)



Beef: l to r Marissa Hall (Sr.), Taylor Stephens (Int. and Overall), Natalee Tobin (Jr.), Colton Beck (Beg.)



Rabbits: l to r Morgan Beck (Sr. and Overall), Dakota Shipman (Int.), Greer Orr (Jr.), Emily Ball (Beg.)



Goats: l to r Morgan Beck (Int.), Megan Beck (Jr. and Overall), Shalynn Irwin (Beg.), Missing - Andrea Oldham (Sr.)



Swine: l to r Kayla Barker (Sr. and Overall), Maddie Snider (Int.), Ranger Steck (Jr.), Brooksten Beck (Beg.)



Dairy: l to r Kayla Barker (Sr. and Overall), Ella Creswell (Jr.), Dane Creswell (Beg.)