



THE UNIVERSITY OF ARIZONA  
COLLEGE OF AGRICULTURE & LIFE SCIENCES



# Cooperative Extension

## CLOVER COMMUNICATOR YAVAPAI COUNTY 4-H NEWS JANUARY 2022

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You may view a color copy of this  
newsletter online at:

[http://extension.arizona.edu/4-H/  
yavapai](http://extension.arizona.edu/4-H/yavapai)

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4-H/STEM  
Program Coordinator, Sr.

Administrative Associate



- |                         |   |
|-------------------------|---|
| January 3               | STEM Project - AV/VR Floating Farm Project<br>Registration deadline <a href="https://4h.zsuite.org/external-event-registration/10027">https://4h.zsuite.org/external-event-registration/10027</a>   |
| January 3 -<br>March 4  | STEM Project - Robotics<br><a href="https://extension.arizona.edu/4-h-stem">https://extension.arizona.edu/4-h-stem</a>  |
| January 6               | 4-H Engaged Citizens Event registration deadline.<br>Register at <a href="http://4h.zsuite.org">4h.zsuite.org</a>   |
| January 10              | National Youth Summit Series - Healthy Living Summit<br>Registration Deadline <a href="https://shop4-h.org/products/2022-national-4-h-youth-healthy-living-summit-february-10-13-2022">https://shop4-h.org/products/2022-national-4-h-youth-healthy-living-summit-february-10-13-2022</a> |
| January 10-<br>March 19 | AR/VR Floating Farm Project   |
| January 15 - 16         | Colorado River 4-H Small Stock Show La Paz County<br>Fairgrounds, Parker AZ<br><a href="https://extension.arizona.edu/colorado-river-small-stock-show">https://extension.arizona.edu/colorado-river-small-stock-show</a>  |
| January 25 - 26         | 4-H Engaged Citizens Event - Phoenix  |
| February 1              | National Youth Summit Series - Agri-Science Summit<br>Registration Deadline <a href="https://shop4-h.org/products/2022-national-4-h-youth-agri-science-summit-march-10-13-2022">https://shop4-h.org/products/2022-national-4-h-youth-agri-science-summit-march-10-13-2022</a>             |
| February 1 -<br>July 15 | STEM Project - Ag Innovators Experience (AIE)<br><a href="https://extension.arizona.edu/4-h-stem">https://extension.arizona.edu/4-h-stem</a>  |
| February 9              | Dorrance Program Scholarship Phase 1 Registration<br>Deadline <a href="http://www.dorrancescholarship.org">www.dorrancescholarship.org</a>  |
| April 30                | Community Service Opportunity: Heritage Park<br>Zoological Sanctuary 10am - 4pm   |

### Follow 4-H

State Instagram: [uarizona4h](https://www.instagram.com/uarizona4h)  
County Instagram: [yavapaicounty4h](https://www.instagram.com/yavapaicounty4h)  
State Facebook: <https://www.facebook.com/arizona4h>

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Dr. Edward C. Martin, Associate Dean & Director, Extension & Economic Development, Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension, The University of Arizona. The University of Arizona is an equal opportunity, affirmative action institution. The University does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information in its programs and activities.

## RESOURCES & ACTIVITIES

Arizona Cooperative Extension has developed a plan to bring back in-person programming in phases. The phases are dependent on several health-related factors with regard to COVID-19 infection and transmission. The plan has been vetted and approved by University of Arizona leadership and began execution on Monday, August 17th, 2020.

**Yavapai County is currently in Phase 3**

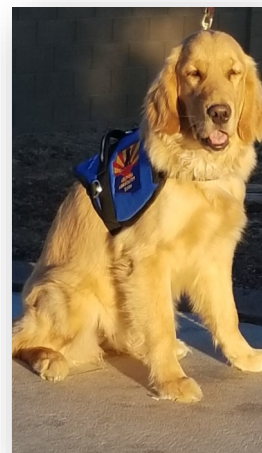
| Phase                      | Extension workforce              | Indoor programming   | Outdoor programming  | Face coverings                        | Social distancing  | Facilities   |
|----------------------------|----------------------------------|----------------------|----------------------|---------------------------------------|--|--|
| <b>Phase 3 (Optimized)</b> | Optimized workforce and telework | No size restrictions | No size restrictions | Follow UArizona policy and guidelines | Maintain 6-foot is strongly recommended.<br>Maintain hand hygiene, sneeze and cough etiquette. | Increased cleaning and disinfecting.<br>Common areas open. |



## RESOURCES & ACTIVITIES

### New 4-H Assistance Dog Project Club

Do you love puppies and dogs and helping to serve others? Have you ever wondered what it's like to train a dog to work with children and adults with disabilities? Well, wonder no more - you're in luck! Arizona Assistance Dogs is starting a new 4-H Project Club just for that! Existing and new members are invited to participate. You will learn how training an assistance dog starts from Day-1 of a puppy's life, the anatomy of a dog, genetics, temperament, cues and behaviors and so much more! This is a hands-on adventure, using our pups-in-training. Join us and let's have fun!



Note, this club is currently in the chartering process, if you or someone you know is interested, please contact [yc4h@arizona.edu](mailto:yc4h@arizona.edu) to be put on the contact list for this project/club.



Citizenship Washington Focus (CWF) is a week-long summer program in Washington DC where high school students learn about government and citizenship

This is an event for which copies of Record Books are sent to the state office, from which Delegates are selected and sponsored by the Arizona Youth Foundation. If you would like to be considered, please let us know ASAP!

### Experience Washington Like Never Before

Through Citizenship Washington Focus (CWF), teens experience Washington D.C. like never before. Using the nation's capital as their classroom, CWF connects emerging leaders from across the country to gain skills and experiences to become effective change agents.

To learn more, visit <https://4-h.org/parents/citizenship-washington-focus/>



**citizenship**  
WASHINGTON FOCUS

## COLORADO RIVER 4-H SMALL STOCK SHOW

A Statewide 4-H Small Stock Show

Sponsored by LaPaz, Mohave & Yavapai Counties



Saturday & Sunday January 15 & 16, 2022

Registration, Sat. 8AM - 10:30AM

La Paz County Fairgrounds Parker, Arizona

Information Page: <https://extension.arizona.edu/colorado-river-small-stock-show>

This will be a carrying case show, open to all 4-H members Age 8 - 19, prior to January 1, 2022 Enrolled in Rabbit, Cavy, Poultry, Pigeon and Waterfowl. All animals must be tattooed, tagged, or banded.

**SHOWMANSHIP CONTEST** in Rabbits, Cavy, Poultry, Pigeon and Waterfowl for Senior, Intermediate and Junior members.

Arizona 4-H Showmanship standards will be used. A Round-Robin Championship will be held following the contest.

**Required attire for both days** (4-H Showmanship Dress; long sleeved buttoned shirt, closed toed shoes, clean and presentable, club / vests are acceptable)

**BREED SHOW** ARBA Judges (Rabbit & Cavy)

Best of Variety, Blue, Red, and White Ribbons to be awarded.

Best of Breed / Best Opposite Sex Rosettes to: top **15** breeds of Rabbits

: top **12** classes of Poultry/Waterfowl

: top **5** breeds of Pigeon

: top **6** breeds of Cavy.

Animals may be shown by the 4-H owner or a 4-H assistant in conformation classes.

**JUDGING CONTEST** in Rabbit, Poultry, Waterfowl, Pigeon and Cavy; awards to top placing, Senior, Intermediate and Junior individuals. Quizzes derived from Arizona 4-H accepted curriculum.

**ENTRIES: Mail to:** MOHAVE COUNTY COOPERATIVE EXTENSION  
Attn: COLORADO RIVER 4-H SMALL STOCK SHOW  
101 E. Beale St. Ste A  
Kingman, Arizona 86401-5827

**PHONE:**

(928) 753-3788 Mohave

(928) 669-9843 LaPaz

(928) 445-6590 Yavapai

**ENTRY FEE:** \$3.00 per animal (Advanced entries are encouraged) Prior to December 31, 2021

\$6.00 DAY OF SHOW & postmarked after December 31, 2021

An animal entry will also enter you in showmanship & judging for that project.

If entering Showmanship or Judging Contest ONLY, \$3.00 per project (advanced), and \$6.00 Day of Show.

**SHIRTS/SWEATSHIRTS:** Must be pre-ordered by December 15, 2021

**SALE OR TRADE:** Bring your extra stock and/or equipment to sell or trade. ( Limited to Exhibitors Only ) \*

**RAFFLES:** Will be held to defray part of the show costs. Each club is asked to donate one or more raffle items. No live animals, Please

**FOOD BOOTH:** Will be available. Profit will be used to help defray show costs.

**COLLEGE SCHOLARSHIP:** \$500.00 college scholarship for an exhibitor in the CR4-HSSS.

In your senior year contact the Arizona 4-H Youth <https://extension.arizona.edu/4hfoundation/>

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DORRANCE SCHOLARSHIP PROGRAMS

Providing academic and financial support to Arizona's first-generation college students



Class of 2022 Deadline:  
**Feb. 9, 2022**

Apply Online



**Dorrance Scholarship:**

**\$12,000**

per academic year



**Paying for College**

The program includes a **\$12,000 scholarship** per academic year for four years. The total program is valued at approximately **\$100,000**.



**Succeeding Academically**

Dorrance Scholars receive more than funding for college. Recipients attend an **Orientation** and a **Summer Bridge** experience to prepare for college academics. A dedicated **advisor** meets with students regularly and **tutoring** is available if needed.



**Building Camaraderie**

**International travel**, an **innovation** experience, and cultural **enrichment** events are designed to help round out the college experience.

Questions? Contact us:

[www.DorranceScholarship.org](http://www.DorranceScholarship.org)

480.405.2410

[Dorrance@DorranceScholarship.org](mailto:Dorrance@DorranceScholarship.org)

# RESOURCES & ACTIVITIES



## Important Dates

In order to submit an eligible application, complete the following by:

Recommended FAFSA application completion:

■ **January 14, 2022**  
\_\_\_\_\_ and \_\_\_\_\_

ASU, NAU, or UA Admission and on-campus housing application:

■ **November 2021 - February 2022**  
\_\_\_\_\_ and \_\_\_\_\_

ACT registration dates:

■ **September 17, 2021**  
■ **November 5, 2021**  
\_\_\_\_\_ or \_\_\_\_\_

SAT registration dates:

■ **October 8, 2021**  
■ **November 4, 2021**  
\_\_\_\_\_ or \_\_\_\_\_

CLT registration dates:

■ **September 30, 2021**  
■ **October 11, 2021**  
■ **November 29, 2021**  
■ **January 3, 2022**  
\_\_\_\_\_ or \_\_\_\_\_

PSAT:

■ **Submit 2019 or 2020 PSAT scores**

## You may be eligible if you:

- Are an Arizona resident and a current senior at an accredited Arizona high school
- Will be a first-generation college student (neither parent, stepparent, or legal guardian holds a four-year degree)
- Have a minimum cumulative 3.0 GPA (weighted or unweighted) AND minimum test scores of 1110 SAT, 22 ACT, 72 CLT, or 1050 PSAT (PSAT scores taken during your sophomore or junior year)
- Demonstrate financial need by completing the FAFSA
- Are accepted by one of Arizona's three state universities and agree to live in on-campus housing during freshman and sophomore year

## 2022 Scholarship Deadlines

**Oct. 1, 2021** Dorrance Scholarship application opens online 10:00am

**Feb. 9, 2022** Dorrance Scholarship Phase I deadline: 4:59 pm  
Online form and supplemental materials due

**Mar. 9, 2022** Dorrance Scholarship Phase II deadline: 4:59 pm  
Writing samples and recommendation forms due

**Apr. 2022** Finalist interviews

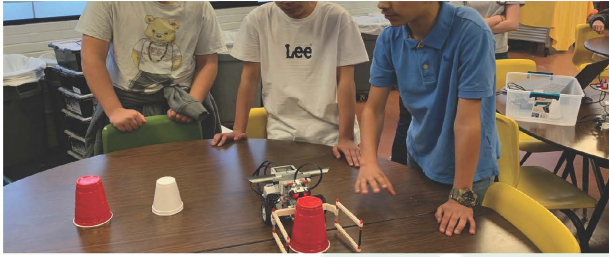
**May 1, 2022** Scholarship recipients announced

More information about the application and each step can be found at [www.dorrancescholarship.org](http://www.dorrancescholarship.org).

# 2021-2022 STEM Projects

4-H Member projects (6th Grade-12th Grade)

Teachers and adult family members are welcome to participate to become certified 4-H volunteers  
To register and for more info scan the barcode on each project



## Robotics

The Robotics project introduces youth and adults to engineering and computer programming to design, build, and program small-scale Lego robots. Youth and adults collaborate in small teams and engage in learning to code a LEGO EV3 MINDSTORMS robot and develop engineering, technology and problem-solving skills. Teams compete in a state-wide competition.

**DATE** Jan 3 - Mar 4, 2022



## Underwater Robotics Remotely Operated Vehicles (ROVs)

The Underwater Robotics project introduces youth and adults to an innovative ROV program that engages learners in the engineering design process focused on real-world challenges. Youth and adults collaborate in small teams and engage in circuitry, soldering, and how to build an ROV. Teams compete in a Marine Advanced Technology Education (MATE) regional competition.

**DATE** Feb 14 - May 27, 2022



## STEM Ambassadors

Become a County-level STEM ambassador and share your STEM skills and enthusiasm with others. 4-H STEM Ambassadors will learn new STEM engagement activities and become a catalyst of knowledge to their community. Each ambassador will receive a toolkit of materials for promoting STEM programs in 4-H.

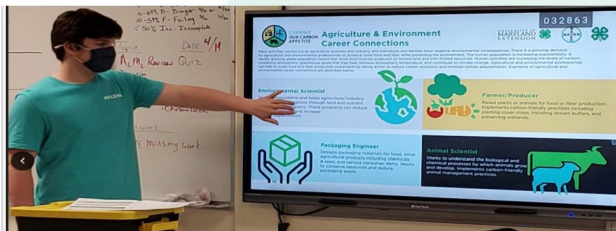
**DATE** Oct 22, 2021 - May 27, 2022



## Tech Changemakers

National 4-H Console addresses the digital gap with the tech change makers program, empowering teens to lead digital skills training for adults in their community. The tech change maker program empowers teens and adults to take control of digital literacy and economic prosperity in their communities.

**DATE** Aug 1, 2021 - Mar 20, 2022



## Ag Innovators Experience (AIE)

This year's Ag Innovator's Experience will have a challenge that youth leaders will be trained on and share with the community through activities and presentations. Last year's theme was "Curbing Our Carbon Appetite".

**DATE** Feb 1 - July 15, 2022



## 4-H STEM Challenge 2021: Galactic Quest

This year's 4-H STEM Challenge "Galactic Quest", kids engage in the following activities: Astro Adventure, Stellar Optics, Cosmic Claw, and Cyber Satellite. Open to teachers, youth and community clubs.

**DATE** Oct 1, 2021 - May 20, 2022

## AREOSPACE PRE-FLIGHT

### ACTIVITY IDEAS

- Build a rocket that can be eaten.
- Watch a video of a shuttle launch.
- Compare birds and airplanes.
- Make paper airplanes.
- Make a space helmet and practice using space-suit-type gloves.

### FIELD TRIP IDEAS

- Visit an airport and watch planes take off and land.
- Visit an aviary, zoo or your back yard feeder and watch how different birds take-off, fly and land.

### FAIR EXHIBIT IDEAS

- Paper airplane
- Scrapbook of an airport visit
- Model rocket
- Homemade space helmet

### ROLL CALL IDEAS

- Name something that flies.
- What is your favorite color of rocket?
- What special equipment or supplies would you take with you to visit another planet?

