

# SW ANIMAL SCIENCE CHALLENGE

Saturday, February 17, 2018 - Wabasso Public School

Dairy\* (NEW IN 2018!), General Livestock and Horse

Registration: 8:00-8:30 a.m. Orientation: 8:30 a.m. Workshops: 10:30-2:00 p.m.

COST: \$10 per person by February 2 - \$15 per person after February 2.

Individual, partial and four person teams accepted!

Complete registration at: <https://goo.gl/forms/xiQg3P4FCWMLWLbn1>

OR by using the QR code on the right!

Questions: Contact Melissa ([mkrunck@umn.edu](mailto:mkrunck@umn.edu) or 507-836-6927)



The 8th Annual SW 4-H Animal Science Challenge combines the skill-a-thon, educational, hands-on workshops and project bowl into one remarkable event that will challenge any animal science enthusiast! Individuals are welcome to participate in the skill-a-thon and project workshops.

## ALL PARTICIPANTS WILL BE ABLE TO CHOOSE TWO WORKSHOPS:

**BIOSECURITY IN LIVESTOCK SYSTEMS:** Awareness, development and use of a biosecurity plan on your farm is essential to help keep your animals healthy. This session will introduce you to basic biosecurity principles for all livestock, poultry and horses. Extension Livestock Educators Abby Neu and Sarah Schieck will lead discussion and hands-on learning in this session.

**DAIRY PRODUCTS:** Has anyone ever called you a picky eater, do you have great tastebuds, or do you just enjoy tasting dairy products? Then you may have what it takes to succeed in this session. In this session you will have the chance to try your hand at evaluating dairy products. You will learn about how dairy product evaluators look at quality, flavor, and defect identification of six dairy products. The products include butter, cheddar cheese, 2 percent fat milk, vanilla ice cream, cottage cheese and yogurt.

**LIVESTOCK FIRST-AID:** As livestock producers we know it's important to call the vet during an emergency, but what about when it's not an emergency? Dr. Andrew Bents will discuss some of the most common ailments or injuries in livestock and how to fix them, and when the situation classifies as an emergency and you need to call a vet.

**RECOGNIZING SIGNS OF DYSTOCIA:** Getting progeny out of your prized show stock is an exciting and educational experience, but do you know how to recognize early signs of dystocia? Dystocia is defined as an abnormal or difficult birth at any stage of labor, and is most likely caused by fetal-maternal size mismatch, fetal malpresentation, or an issue caused by the dam. In this session you will learn how to recognize the most common signs of dystocia, abnormal vs. normal fetal presentation, when to intervene in the birthing process, and critical first-steps following a stressful birth.

*If you have a project bowl team, you must provide scorekeepers to assist with the rounds each team participates in. Coaches, parents and volunteers from both teams are encouraged to work together to run each room efficiently and fairly. The Redwood County 4-H Gloria Dei Riders will be serving caramel rolls in the morning and Walking Tacos, bars, fruit, and beverages for lunch. They will be located in the cafeteria.*

YOU DO NOT NEED TO PARTICIPATE IN THE PROJECT BOWL. YOU CAN COME ONLY FOR THE WORKSHOPS AND SKILL-A-THON!

\*Must be at least four Dairy Project Bowl teams entered in each division by February 2 in order to have project bowl matches.

Please email 20 project bowl questions per team with answers & references to Melissa Runck at [mkrunck@umn.edu](mailto:mkrunck@umn.edu) by February 2. If you do not submit questions there is an extra cost of \$10 per team. For 2018, you must submit NEW or DIFFERENT project bowl questions with your team registration! If you want different question sets each year, you must submit new questions (i.e. not the same questions you submitted in 2017, 2016, etc.).

