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**ELLBOGEN
FOUNDATION**

The Pathways to Higher Education Program was developed with the generous support of the Ellbogen Foundation.

John P. “Jack” Ellbogen is the benefactor of the Foundation. He was a Wyoming native, born and raised in Worland. He had a great love for and commitment to his home state. Throughout his adult life, Jack believed in the importance of a quality education for all Americans. He believed that a teacher was the single most important factor to enhanced student learnings



Ellbogen Foundation
MISSION STATEMENT

*To create or cause change,
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through the support of science,
education, and charity.*

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The University of Wyoming is an equal opportunity/affirmative action institution.

PROGRAM CONTACTS

Warren Crawford
State 4-H Specialists
307.766.5679

Johnathan Despain
State 4-H Director
307.766.5683

Warrie Means
UW Meat Science Professor
307.766.5283

Dawn Sanchez
Uinta County Extension
307.799.8780

Robin Schamber
Sublette County Extension
307.367.4380

Liz Shaffer
Sheridan County Extension
307.674.2980

Jeremiah Vardiman
Park County Extension
307.754.8836

Gretchen Gasvoda-Kelso
Big Horn County Extension
307.765.2868

Kim Fry
Campbell County Extension
307.682.7281

Wyoming 4-H *Your Pathway to* **HIGHER EDUCATION**



Introducing **4-H ANIMAL SCIENCE ANSC 1009**

Experience your first class at the
University of Wyoming through 4-H!



UW

EXTENSION

Program Overview

The Wyoming 4-H program serves over 6,900 youth ages 8-18, with a significant number of those, 3,129 (45%), involved in livestock projects.

The Pathways to Higher Education Program draws on the rich history of the 4-H program, integrating real-life, hands-on animal science education with 4-H members' project experiences.

This program allows youth to enroll in a college course at the University of Wyoming to earn credit for their 4-H work and livestock projects. The multi-year, sequential course culminates with a capstone learning experience on campus at the animal science department and submission of a portfolio of their learning experiences.

Course Outline

Each year, members explore topics in nutrition, evaluation and selection, meat science, care and prevention, and reproduction, including in-depth studies of breeds of beef cattle, small animals (rabbits and poultry), sheep, horses, goats and swine.

Program Details

Youth begin the program by signing up through 4-H Online for 4-H ANSCI 1009 activity. The course is designed to offer 1-4 UW credits after completion. For 4 credits, youth participate over a three-year period in a series of learning experiences throughout the state.

These learning experiences encompass online learning modules, classroom work, and hands-on experiences with at least one hands-on capstone event at the University of Wyoming.

Members submit their complete portfolio of learning activities for review and pay all fees associated with UW enrollment to receive final credit.

Eligibility

Participation is limited to students who are freshmen in high school or older with at least one year of 4-H age eligibility left.

Scholarships may be available. Please contact Warren Crawford at 307.766.5679 or crawford@uwyo.edu.



	YEAR 1	YEAR 2	YEAR 3
SPECIES	Beef Poultry Rabbit	Sheep Horses	Goats Swine
NUTRITION	Balancing Rations	Digestion System	Feeds and Feeding
SELECTION AND EVALUATION	Anatomy	Industry Relationships	Live Animal Evaluation
MEAT SCIENCE	Cuts: Wholesale and Retail	Harvesting	Fabrication and Product
CARE AND PREVENTION	Diseases	Vaccinations	Monitoring and Husbandry
REPRODUCTION AND GENETICS	Reproduction	Genetics	Inheritability