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# Oklahoma Panhandle State University

## **2023 Interscholastic Competition**

**Official Contest Manual**

*Updated: 10:18:2023*

November 13 & 14, 2023

Hosted By:

OPSU College of Agriculture, Science and Nursing

OPSU Collegiate FFA

Oklahoma Panhandle State University

P.O. Box 430  
Goodwell, OK 73939

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[www.opsu.edu](http://www.opsu.edu)





Welcome

Welcome to OPSU Interscholastic 2023! All of us within the College of Agriculture, Science and Nursing, OPSU Collegiate FFA, and Oklahoma Panhandle State University look forward to having you and your students on our campus for two days this year November 13, 2023 starting at 3:00pm for the public speaking events and Tuesday November 14, 2023 for the CDE events. In this manual, you will find information pertaining to 11 Public Speaking Events and 20 CDE competitions. If you have questions regarding contest entries, rules, or schedules of events, please feel free to contact myself. Registration will be handled through [www.judgingcard.com](http://www.judgingcard.com) this year. Each event will have a registration fee associated with it. We appreciate your patience and dedication to our contests and thank you for your willingness to handle change and still attend. Again, we look forward to having you on our campus and hope that you and your students enjoy your visit.

Sincerely,  
Tracy Kincannon

Contact Information:  
[Tracy.kincannon@opsu.edu](mailto:Tracy.kincannon@opsu.edu)



## General Information

### ENTRIES

Entry information will be handled online via Judging Card. Link for registration can be found here: [Event Information \(judgingcard.com\)](http://judgingcard.com)

Entry Registration opens September 4<sup>th</sup>, 2023 and closes November 7<sup>st</sup>, 2023.

If you have never used the website for registration before, that is not a problem. An account can easily be made if needed. Also, 4-H groups should be able to get their account information from their county offices.

### CONTESTANTS

This contest is open to FFA members and 4-H members alike. We welcome students from Oklahoma and any surrounding states! Do be aware of the rules and potential differences that might associate with coming to a different state for these contests, as we abide by the guidelines and rules set forth by the Oklahoma FFA CDE Committee. Those rules can be found on the following pages. [Career Development Events | Oklahoma State University \(okstate.edu\)](http://okstate.edu)

### INDIVIDUAL CONTEST DISCLAIMER

Please be aware that rules and information set forth in this handbook are subject to change. Depending on contest superintendent and the situation at hand, certain aspects of the contest may have to be adjusted based on their discretion. This includes, but is not limited to, number of classes, sets of reasons, practicum changes, identification changes, etc. We will do our absolute best to present a contest in exact specification to the information laid out in this handbook, but reserve the right to make changes as they might be needed.



**DAY OF CONTEST**

**CONTEST CHECK-IN**

**November 13 Speech Contest**

**Check-in 2:00 - 2:30pm Lobby Science and Ag Building**

Speeches to start at 3:00pm

Awards at the conclusion of the speaking events

**November 14 CDE Contest**

7:15 – 8:45 am – Check-in for all contests, Nobel Center

8:50 am leave for contest various locations

**Only changes or corrections to events already registered for will be allowed, no additional individuals may be registered on the day of the contest.**

**AWARDS CEREMONY**

5:30 pm Nobel Center



## General Rules

Adapted from: <http://cde.okstate.edu/guidelines/pdf-guidelines/2019/2019%20CDE%20General%20Guidelines.pdf>

1. CDE participants must be in good standing with the local chapter, state association, and the national organization. Each participant must be listed on the current FFA chapter membership roster.
2. Scan forms will be used for several, but not all, of the contests. Samples of the corresponding scan forms can be found at <http://cde.okstate.edu/guidelines>. Students are responsible for providing adequate scoring information on each scan form including the FFA chapter's number. Event officials will not correct, enter or change marks or errors on scan forms.
3. **Teams or individuals arriving after a contest has started will be disqualified and will NOT be allowed to participate.**
4. A contest team and/or individual will be disqualified if a coach or an assistant interferes in a tabulating room before the official results are posted.
5. Participants will not be allowed to utilize personal electronic communication devices, unless approved by the event officials, during the entire course of the event. Participants who access personal electronic communication devices or are seen or heard with such devices will be disqualified.
6. Any communication, verbal or non-verbal between participants during a career development event will be sufficient cause to eliminate the team member involved from the career development event. The only exception to this would be communication between team members during a team activity portion of a given career development event.
7. Any assistance given to a team member and/or individual participant from any source other than the career development event officials or assistants will be sufficient cause to eliminate the team and/or individual participant from the career development event.
8. Event superintendents may stop any participant if they deem their manner to be hazardous either to themselves or others. Such stoppage may deem the individuals disqualified. This can affect the overall team rank and position. In some events this could impact the entire team.
9. Announced changes to any contest by contest officials at the time of competition may supersede previously written rules and guidelines.
10. Results to each contest will be made official on Tuesday, November 10<sup>th</sup>, 2020.
11. Rules and guidelines specific to each contest can be found in the following pages. Additional information, if not provided can be found at <http://cde.okstate.edu/guidelines>
12. Contestants for each event will be dismissed from the front patio of SAB by Dr. Jared Bates.



**Schedule of Events (excluding Public Speaking)**

<b>Event</b>	<b>Time</b>	<b>Location</b>
Agricultural Shop	9:00-12:00 a.m.	Metal Shop
Shooting Sports	9:00 am	Shooting Range
Farm Business Management	2:00- 3:00 p.m.	SAB 106
Floriculture	9:00- 11:00 a.m.	Greenhouse/SAB106
Land Judging	9:00-10:00 a.m.	Will Meet at SAB lobby
*Rangeland Judging	10:00-11:00a.m	
*Crop Identification	11:00-12:00p.m	
Livestock Judging (Jr & Sr)	9:00 am-12:00 pm	England Center Rodeo Arena
Equine Evaluation	1:00am-3:00 pm	
Meats Judging	9:00 am-11:00 am	SAB 101
Food Science & Technology	9:00-11:00 a.m.	Student Union Ball Room
Electricity	1:00pm-3:00pm	Heffley 101
Entomology	1:00-2:00 p.m.	SAB 215
Natural Resources	1:00-2:00pm	SAB 103 &104
Employment Skills	9:00 am- 4:00 pm	SAB 204, 206, 207
Vet Science	1:00pm	SAB 101
Greenhand Quiz Bowl	1:00-4:00 p.m.	Library Auditorium
Ag Sales	1:00pm	SAB 204
Agricultural Communications	11:00-12:00 pm	SAB 103 & 104
Ag Issues Forum	1:00pm	SAB 205
Coaches/Judges Hospitality Room	8:00am-5:00pm	SAB 202

SAB: Science & Agriculture Building



**Public Speaking Schedule of Events**

<b>Event</b>	<b>Time</b>	<b>Location</b>
Judges Meeting	2:30pm	SAB 101
<b>Public Speaking Events</b>		
1. <i>Agribusiness</i>		SAB
2. <i>Agriculture Policy</i>		SAB
3. <i>Agri-Science</i>		SAB
4. <i>Animal Science</i>		SAB
5. Extemporaneous		SAB
6. FFA Creed		
7. <i>Natural Resources</i>		SAB
8. <i>Plant Science</i>		SAB
9. 8 <sup>th</sup> Grade Exploration		SAB
10. 9 <sup>th</sup> Grade FFA Opportunities		SAB
11. 8-9-10 <sup>th</sup> Grade General Agriculture		SAB
• Speech Off (At conclusion of 1, 2, 3, 4, 7 & 8 )		SAB
• Public Speaking Awards (After Speech Off)		SAB
Coaches/Judges Hospitality Room	3:00-Conclusion	SAB 202

SAB: Science & Agriculture Building



## Public Speaking

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**Superintendent:** TBD

**Email:**

**Date:** Monday, November 13, 2023

**Time:**

**Location:** OPSU Science and Agriculture Building

**Room:**

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**Teams/Individuals:** Individual contest. Multiple contestants may be entered into the separate categories by each school. Official FFA dress is required!

**Contest Specifics,  
Rules, &  
Guidelines:**

1. The Public Speaking Events will be conducted in the areas listed:
  - a. **Prepared – Winners in the six divisions will compete to determine overall winner**
    - i. General Rules
      1. Students are allowed to enter multiple divisions if they have an entirely different speech for each.
      2. All subject matter should have ties to the agriculture industry. It is desired, but not required, to tie “FFA” into part of your speech. Career opportunities should be considered. Historical aspects should be avoided.
      3. Each speech should be between 6 and 8 minutes. Participants will be penalized for going under or over.
      4. Judges will be allowed five minutes to ask questions pertaining to the contestant’s speech topic.
    - ii. Divisions
      1. Agribusiness
        - a. Contestant chooses any current or future subject that deals with topics such as cooperatives, sales, service, journalism, communications, entrepreneurship, marketing, finance, commodities, futures, hedging, advertising, etc.
      2. Agriculture Policy
        - a. Contestant chooses any current or future subject that deals with topics such domestic farm issues, international trade, rural economic development, politics, animal rights, law, subsidies and price supports, U.S. Farm Bill, etc.
      3. Agriscience
        - a. Contestant chooses any current or future subject that deals with topics such as biotechnology, biogenetics, bioengineering, mechanical engineering, farm safety, use of technology, GPS





research, laser, satellites, computers, embryo transfer, etc.

4. Animal Science
    - a. Contestant chooses any current or future subject that deals with any aspect of the industries of dairy, equine, poultry, sheep, swine, beef, goats, specialty animals, etc.
  5. Natural Resources
    - a. Contestant chooses any current or future subject that deals with the topics such as soil, water, air, rural water, wildlife, forestry, aquaculture, conservation, recreation, recycling, energy, environmental issues, etc.
  6. Plant Science
    - a. Contestant chooses any current or future subject that deals with any aspect of the horticulture and/or agronomy industries. This may include such areas as floriculture, fruit and/or vegetable production, nursery operations, turf and landscape management, crop production, specialty crop production, etc.
- b. Extemporaneous**
- i. Participants will select three potential topics from a random pool and select the one they would like to speak on.
  - ii. Topics will include subjects in the following categories:
    1. Agricultural literacy and advocacy
    2. Current agriculture issues
    3. Advancing agriculture through agriculture science
    4. Current technology uses and applications in agriculture
    5. Agri-marketing and international agriculture
    6. Food and fiber systems
  - iii. Participants will be given 30 minutes of preparation, starting when they select their topic.
  - iv. Each speech should be between 4 and 6 minutes.  
Participants will be penalized for going over or under.
  - v. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- c. FFA Creed**
- i. Division is for freshman/first year members only.  
Sophomores who are first year members are not eligible.
  - ii. Participants will recite the creed from memory and begin the presentation by stating, "The FFA Creed by E.M. Tiffany" and then the presentation with "...that inspiring task. Thank you."



- iii. Judges will be allowed three minutes to ask questions pertaining to the FFA Creed.
- d. **8th Grade Agriculture Exploration**
  - i. Division is for 8<sup>th</sup> grade members only.
  - ii. Contestant chooses and current or future subject that deals with the industry of agriculture as a whole, or any segment of the agricultural industry.
  - iii. Each speech should be between 4 to 6 minutes. Participants will be penalized for going over or under.
  - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- e. **9th Grade FFA Opportunities**
  - i. Division is for 9<sup>th</sup> grade members only.
  - ii. Contestant chooses and current or future subject that deals with the role of agricultural education and the FFA in the education and motivation of its members. Topics may deal with leadership training and opportunities, personal development and growth, goal setting and teamwork, chapter and community activities, competitive events, FFA opportunities, etc.
  - iii. Each speech should be between 4 to 6 minutes. Participants will be penalized for going over or under.
  - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.
- f. **8-9-10th Grade General Agriculture**
  - i. Division is for 8<sup>th</sup>, 9<sup>th</sup> or 10<sup>th</sup> grade members only.
  - ii. Contestant chooses and current or future subject that deals with any aspect of the agricultural industry, such as animal science, plant science, agribusiness, agricultural policy, agriscience or natural resources.
  - iii. Each speech should be between 6 to 8 minutes. Participants will be penalized for going over or under.
  - iv. Judges will be allowed five minutes to ask questions pertaining to the contestant's speech topic.

**Awards:** Medals to the three high individuals in each division.



## Agricultural Communication

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**Superintendent:** Tracy Kincannon

**Email:** tracy.Kkncannon@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 11:00am – Noon

**Location:** OPSU Science and Agriculture Building

**Room:** SAB 103, 104

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**Teams/Individuals:** **One team composed of three members may be entered per school. Official FFA Dress is required!**

**Contest Specifics,  
Rules, & Guidelines:**

1. This contest will consist of (a.) an editing exercise, (b.) communications quiz, (c.) communications component I: Photography, (d.) communications component II: Graphics, (e.) news release writing critique.
  - a. Editing Exercise – Each participant will complete an editing exercise. They will be given a printed document that contains 25 identified sections. They must determine whether the section is correct or incorrect. If incorrect, participants are required to correct mistakes using appropriate proofreader’s marks. (See <http://aged.okstate.edu/cde/ffa1.htm>) Style, grammar, punctuation, and spelling mistakes will be included. Participants will NOT be able to use a style manual or dictionary during this exercise. This portion is worth 50 points.
  - b. Communications Quiz – Each participant will complete a 25 – question quiz that covers basic elements important to journalistic writing, broadcasting, public relations, graphic design, and ethics of communication. This portion is worth 50 points.
  - c. Communications Component I: Photography – Each participant will be given 10 minutes to rank four photos based on the photographers’ implementation of appropriate photography techniques and principles (use of light, focus, composition, angle, news, value, etc.). After ranking the photos, each participant will be given 15 minutes to type reasons for ranking using Microsoft Word. Participants will be scored on the content of their reasons and on their ability to communicate their thoughts in writing. The reasons may be no more than one typed page (double- spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 100 points.
  - d. Communications Component II: Graphics – Each participant will be given 10 minutes to rank four graphic design samples



based on the designers' implementation of design principles (focus point, flow consistency, balance, and appropriateness). After ranking the samples, 15 minutes will be given to type reasons. Participants will be scored on their ability to communicate their thoughts through writing and the content of their reasons. The reasons may be no more than one typed page (double-spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 100 points.

- e. New Release Writing Critique – Each participant will read and evaluate a news release and write a critique of the release based on news writing principles. Participants will be scored on the content of their critiques and on their ability to communicate their thoughts through writing. The critique may be no more than one typed page (double-spaced, 12-point Times New Roman text, 1-inch margins.) This portion is worth 50 points.

A well-prepared news release should be written as if it were to be distributed by a company or an organization to a general (non-agricultural) audience. It should have a strong focus and lead (opening paragraph). The story should provide answers to who, what, when, where, how and why. In addition, stories should use appropriate grammar, punctuation, spelling, and Associated Press style.

3. There are 350 points possible for each individual. In the event of a tie, teams and individuals will then be settled by the Communications Quiz Score, the Editing Exercise Score, and finally the News Release Critique Score.

4. References include: Associated Press Style Manual (available online and from most major or campus bookstores); Agricultural Communications CDE Guidebook (a download from National FFA CDE Web site); Writing for Agriculture (2<sup>nd</sup> edition) ISBN# 0-7872-7813-0

**Awards:**

Plaque for high team, scholarships for top two individuals



## Agricultural Shop

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**Superintendent:** Lanny Wilson

**Email:**

**Date:** Tuesday, November 14, 2023

**Time:** 9:00 a.m.-12:00 p.m.

**Location:** OPSU Metal Shop Building

Room: Metal Shop 105

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**Teams/Individuals:**

One team composed of three members may be entered per school.

**Registration:**

Team entries will be accepted on a first come first serve basis and will be limited to the first 15 teams. There will be no individual entries accepted. **Get your entries in early.**

**Contest Specifics,  
Rules, & Guidelines:**

1. This contest will consist of the following:
  - a. Arc Welding - Each contestant will be given three pieces of material to be used in the making of butt weld in flat position and butt weld in the vertical position. **Weld ONE side only.** You may tack your material for the vertical weld in the Flat position.
  - b. Oxy-acetylene Cutting - Each contestant will be given one piece of metal 4" x 6" with instructions.
  - c. Tool Identification – Each contestant will be required to give proper names of the tools on display.
  - d. Written Exam – Each contestant will take the written exam. The examination consists of 40 multiple choice questions pertaining to arc, and oxyacetylene welding.
  
2. Arc welding helmets will be provided, or students can bring their own. **Contestants will provide their own industrial quality eye protection with clear lens, gas-welding goggles, gloves, and any additional personal protection equipment that is appropriate for the activity.**

**Awards:**

Plaque for high team, scholarships for top two individuals



## Crop Identification

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**Superintendent:** Dr. Curtis Bensch

**Email:** [cbensch@opsu.edu](mailto:cbensch@opsu.edu)

**Date:** Tuesday, November 14, 2023

**Time:** \*At conclusion of Range contest or 11:00 am.

**Location:** OPSU Science & Agriculture Building

**Room:** SAB 109

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**Teams/Individuals:**

Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules, & Guidelines:**

1. **\*This contest will begin at 11:00 a.m., or at the conclusion of the Land and Range competitions.**
2. The crop contest will consist of identification of 80 plant and seed samples. Each sample will be given a value of 5 points for a total of 400 points possible. The contestant will identify the samples by number from a master list of names of all of the plant materials on the official identification list. The official list is included on the following pages. Contest samples will be either seeds or plants. Plants will generally be shown in the reproductive stage (flower bud through seed maturity). Seeds will be displayed in open pans.
3. **Appendix included.**

**Awards:**

Plaque for high team, scholarships for top two individuals

\* If your team is not participating in the Land or Range contests, please have your students at SAB early.



## Electricity

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**Superintendent:** Tracy Kincannon

**Email:** [tracy.kincannon@opsu.edu](mailto:tracy.kincannon@opsu.edu)

**Date** Tuesday, November 14, 2023

**Time:** 1:00 p.m.

**Location:** OPSU Science & Agriculture Building

**Room:** Heffley 101

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**Teams/Individuals:**

Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules & Guidelines:**

1. Contest will consist of a written exam and identification.
  - a. Written exam
    - i. Multiple choice, matching and true/false questions
    - ii. Questions will be developed from the following areas:
      1. National Electric Code
      2. Planning an electrical circuit
      3. Selecting type and size of conductor
      4. Calculating voltage drop
      5. Determining electrical power requirements
      6. Identifying the function of over-current and ground-fault protection
      7. Applying Ohm's Law and other application laws
  - b. Identification
    - i. Identification section of 20 tools, supplies, and other equipment associated with electrical wiring
    - ii. Examples include: switch boxes, electrical wires, tools, etc.

**Awards:**

Plaque for high team, scholarships for top two individuals



## Entomology

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**Superintendent:** Dr. Justin Collins

**Email:** [jkcollins@opsu.edu](mailto:jkcollins@opsu.edu)

**Date:** Tuesday, November 14, 2023

**Time:** 1:00-2:00 p.m.

**Location:** OPSU Science & Agriculture Building

**Room:** SAB 215

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**Teams/Individuals:** Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules &  
Guidelines:**

1. The Entomology contest will consist of spot identification of insects or other arthropods using a provided list of species. Contestants will be expected to know the insects, their scientific order or family names, their food, and their ordinal characteristics as given on the list.
2. Resource material for this contest can be found at:  
<http://entopl.okstate.edu/4H-FFA/contest-guide.pdf>

**Awards:** Plaque for high team, scholarships for top two individuals





## Farm Business Management

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**Superintendent:** Dr. Abbas Aboohamidi

**Email:** abbas.aboohamidi@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 2:00-3:00 p.m.

**Location:** OPSU Science & Agriculture Building

**Room:** SAB 103, 104

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**Teams/Individuals:**

Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules & Guidelines:**

1. Objective test over the recommended curriculum (60 questions, worth 5 points each for a total of 300 points). Grading the objective test will score the contest. If a tie occurs, a set of pre-selected objective test questions will be sequentially used to break the tie.
2. **Contestants will be allowed to have a personal, battery-operated calculator with them during the contest.** Additional notes, books, or paper will not be allowed in the contest room.

**Awards:**

Plaque for high team, scholarships for top two individuals



## Floriculture

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**Superintendent:** Cassidy Johnson

**Email:** cassidy.tolle@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 9:00-11:00 a.m.

**Location:** Science and Agriculture Building

**Room:** Green house SAB 106

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**Teams/Individuals:**

Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules & Guidelines:**

1. The Floriculture contest will consist of a written exam and identification of plant materials.

**Awards:**

Plaque for high team, scholarships for top two individuals



## Greenhand Quiz Bowl

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**Superintendent:** Cassidy Johnson

**Email:** cassidy.tolle@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 1:00-4:00 p.m.

**Location:** OPSU Science & Agriculture Building

**Room:** Library Auditorium

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**Teams/Individuals:**

Multiple teams composed of four 9<sup>th</sup> grade members may be entered per school. Official FFA dress is required!

**Contest Specifics,  
Rules & Guidelines:**

1. Questions will be derived from the FFA Manual over FFA history and facts.
2. Each game will be played in four periods. There will be two Toss-Up (Individual) Rounds and two Lightning (Team) Rounds. The team with the highest score at the end of Period One will be given the option of doing the Lightning round in Period Two or Period Four.
3. In case of a tie score at the end of the game, each pair of players will be asked one question in a Toss-Up round. In the Lightning Round, the first answer given is counted right or wrong and cannot be repeated. A question may be passed and then repeated.
4. A single elimination format will be used.

**Awards:**

Plaque for high team



## Employment Skills

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**Superintendent:** Cheyenne Heitzel

**Email:** opsuhr@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 9:00 a.m.- 4:00 p.m.

**Location:** OPSU Science & Agriculture Building

**Room:** Second floor SAB ?

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**Teams/Individuals:** This competition is individual-based. Schools may enter multiple contestants. Official FFA dress is required!

**Contest Specifics,  
Rules &  
Guidelines:**

1. In the job interview CDE, students are required to submit **five collated copies** consisting of a cover letter, resume, and reference letters. **These items must be received by 4:30 P.M. the Friday, November 7<sup>th</sup>, 2023.**
2. **Please email packets to: No faxes will be accepted.**
3. **In the event you cannot get your packet emailed, you can submit your packet the day of the event.**
4. On the day of the competition students will be required to complete a standard job application, two or three 15 minute personal interviews, and complete a follow up letter.

**Awards:** Scholarships for top two individuals



## Land Judging

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**Superintendent:** Dr. Curtis Bensch

**Email:** [cbensch@opsu.edu](mailto:cbensch@opsu.edu)

**Date:** Tuesday, November 14, 2023

**Time:** 9:00-11:00 a.m.

**Location:** OPSU School Farm

**Room:** Teams will meet on campus

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**Teams/Individuals:** Multiple team(s) composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules &  
Guidelines:**

1. The Land Judging contest will be conducted first, and the Rangeland judging will be conducted upon completion of the land judging. **The same or separate teams from a particular chapter could compete in both the Land and the Rangeland Judging contests.**
2. The Land Judging contest will consist of four (4) sites where the soil characteristics will be judged and correct treatments or limitations identified. The “Land Judging in Oklahoma” manual will be the authority for the rules. It is available online at [www.landjudging.com](http://www.landjudging.com).

**Awards:** Plaque for high team, scholarships for top two individuals



## Livestock

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**Superintendent:** Crystal Tolle

**Email:** crystal.tolle@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 9:00a.m.-1:00p.m.

**Location:** OPSU School Farm

**Room:** England Center

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**Teams/Individuals:** Multiple teams per grade division may be entered by each school. There are two grade divisions including Junior 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup>, then Senior 11<sup>th</sup> and 12<sup>th</sup>. Students may move up into an older division if needed but may not move down.

**Contest Specifics,  
Rules &  
Guidelines:**

1. Individuals will be allowed to compete.
2. Four contestants to a team, low score will be dropped. Ties will be broken by alternate's score and if still tied, by preselected official questions.
3. No one will be allowed in the arena during the contest other than contest officials, judges, and contestants. Coaches are not allowed on the arena floor. Classes will remain in the arena one half hour after completion of the contest for coaches/advisors to view.
4. No one except contest personnel will be allowed in the tabulation room. Any school or coach entering the tabulation room will be automatically disqualified.
5. No contestant shall be permitted at the OPSU livestock barns or the Animal Science arena to inspect the animals to be used in this contest 48 hours prior to the judging, and any violation of this rule will be sufficient to bar such student from the contest.
6. Instructions will be given at approximately 9:00 a.m. and the contest will start shortly thereafter.
7. While the contest is in progress, there shall be no conferring between contestants. A warning will be given after the first violation and any further violation will warrant disqualification. Furthermore, contestants are not permitted to carry cell phones or any electronic devices during the contest. Contestants that violate this rule will be disqualified.



8. Event Format
  - a. Livestock Classes
    - i. Five to eight classes of livestock of four animals each will be placed.
    - ii. Classes will be selected from cattle, sheep, goat and swine. The classes may be breeding or market.
    - iii. At least one class will include performance records and a production scenario.
    - iv. The classes may be loose or shown by holders.
    - v. 50 points per class
  - b. Keep/Cull
    - i. This contest may include one to two female selection classes (keep/cull), and will be of the species beef, sheep or swine, consisting of eight animals.
    - ii. Contestants will be required to select the four best animals from the eight using visual appraisal and performance data.
    - iii. Scenarios will be used in the selection process. Performance data will be provided orally or in writing.
9. If ties occur, the following events will be used in order to determine contestant rankings.
  - a. Total of Placing Classes
  - b. Total of Keep/Cull Classes (if applicable)
  - c. Pre determined questions
  - d. Highest placing scores on the hardest classes (determined by the lowest cuts total per class)

**Awards:** Plaque for high team, scholarships for top two individuals



## Meats

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**Superintendent:** Kathryn Hearn

**Email:** khearn@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 9:00 a.m.-1:00 p.m.

**Location:** OPSU Firestone Meats Laboratory

**Room:** Will meet in SAB 101

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**Teams/Individuals:** Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries accepted as space allows.

**Contest Specifics,  
Rules &  
Guidelines:**

1. Contestants will report for contest instructions (8:45 am) in room SAB 101.
2. Contestants must come prepared to work in a cold storage room. They should have warm clothing and footwear and appropriate head cover.
3. There will be no handling of wholesale cuts, exposed rib eyes of beef carcasses or identification cuts during the contest. Contestants shall not use any mechanical aid or tabular material aids in arriving at a decision. Failure to comply with these rules will result in disqualification of the contestant.
4. Event Format
  - a. Retail Meat Cut Identification – 60 cuts
    - Clarification of terms for Retail ID
      1. Chop – Smaller, flat cuts of meat, usually from the pork, veal or lamb rib, loin or shoulder, generally ranging from ½” to 1½” inch in thickness. A chop is usually the size of a single meal portion.
      2. Slice – A section of meat, usually less than one inch thick, taken from the center or either side of center of the leg of pork, lamb or veal.
      3. Steak – A flat cut of meat, larger than a chop, ranging from ¾” to 1 ½” of thickness cut from various parts of a beef carcass, or the shoulder of pork and veal. The size of a steak often is sufficient to provide more than one portion.
  - b. Beef Quality and Yield Grading
    - Quality Grading – 5 beef carcasses
      1. Participants will assign a final maturity score and a final quality grade.
    - Yield Grading – 5 beef carcasses





1. Participants will use the external fat to calculate preliminary yield grade, then adjust for Ribeye Area, Carcass Weight and KPH Fat %.
- c. Six Placing Classes selected from:
    - Class of four beef carcasses
    - Class of four beef wholesale cuts
    - Class of four pork carcasses
    - Class of four pork wholesale cuts
    - Class of four lamb carcasses
    - Classes of retail cuts for beef, pork, or lamb
  - d. Two Questions Classes selected from the 6 placing classes
  - e. A written exam consisting of:
    - 20 multiple choice questions
    - One individual formulation problem
    - Possibly one team formulation problem

**Awards:** Plaque for high team, scholarships for top two individuals



## Rangeland Judging

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**Superintendent:** Dr. Curtis Bensch

**Email:** [cbensch@opsu.edu](mailto:cbensch@opsu.edu)

**Date:** Tuesday, November 14, 2023

**Time:** 10:00-11:00 a.m.\*

**Location:** OPSU School Farm

**Room:** Students will meet on campus

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**Teams/Individuals:** Multiple teams composed of three or four members may be entered by each school. If four members are entered, the three top scores will be used for the team score. Individual entries are also allowed.

**Contest Specifics,  
Rules &  
Guidelines:**

1. The Land Judging contest will be conducted first, and the Rangeland judging will be conducted upon completion of the land judging. **The same or separate teams from a particular chapter could compete in both the Land and the Rangeland Judging contests.**
2. The Rangeland contest will consist of one location for identification of 20 range plants. The rules are generally the same as the National Rangeland Judging Contest. The Rangeland Judging Manual is available online at [www.rangejudging.com](http://www.rangejudging.com).

**Awards:** Plaque for high team, scholarships for top two individuals



## FFA Shooting Sporting Competition Rules

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1. All “Safety Rules and Participant Regulations” apply during any shooting event as explained in the *FFA Blue Book*.
2. At each competitive shooting event, the course layout will be set up within a reasonably uniform manner and supervised by an Oklahoma Department of Wildlife Conservation official. The FFA event coordinator will inspect and recommend any necessary alterations. Then he/she will approve the layout before the events.
3. The course layout will not be altered due to weather conditions at any event.
4. The shooting area and the event location will be the responsibility of the FFA event coordinator. Each contest will provide a range master, safety officer (monitors safety and determines the results of each shot—hit/miss), and a puller.
5. In the event a target is broken when releasing a true pair, the broken target will be presented to the shooter again as a pair (true double target), even if he/she hits one of the targets in a broken pair.
6. Each shooter will compete with the same firearm throughout the entire sequence. When moving from station to station, safe gun handling is paramount and is the responsibility of both shooter and safety officer.
7. At any time, the safety officer may request to replace or exchange a firearm, but it must be of the same gauge. Fouled firearms will be removed and secured immediately from the firing line. In the event of a fouled gun on the second shot of a true pair, then the pair of targets will be presented to the shooter again, even if he/she hits one of the targets before the gun fails.
8. Each shooter will call for their target release.

**Course of Fire:** Based on a (4) shooter team

**Each shooting station will have its individual target presentation (recipe) posted.**

### **First Round—Beginning with station #1**

- A single target from a specified location will be presented. The shooter may shoot two times at this first target. The next shooter then takes his/her turn from that individual’s station.
- 

When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

### **Second Round—Beginning with station #1**



- A true target pair will be presented from specified locations. Only two shots may be fired at this time. The next shooter will take his/her turn from that individual’s station. For scoring purposes, the first trigger pull in this sequence will denote the second target at that station.
- When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

**Third Round—Beginning with station #1**

- A true target pair will be presented from specified locations. Only two shots may be fired at this time. The next shooter will take his/her turn from that individual’s station. For scoring purposes, the first trigger pull in this sequence will denote the fourth target at that station.
- When all four shooters complete this part of the course, the first shooter will begin the next course of fire from the same station.

**FFA Shooting Sporting Competition Rules (continued)**

When all four shooters complete this part of the course (each competitor has shot 5 rounds from the same station), then

**ALL SHOOTERS WILL ROTATE TO THE RIGHT. THEY WILL ONLY ROTATE WHEN DIRECTED TO DO SO BY THE RANGE MASTER.**

**Next Course of Fire Begins:**

Note: Station #1 will always begin the next course of fire.

- ❑ Each station target sequence will remain the same, which gives each shooter different target presentations from each station.
- ❑ Upon completing the entire course, each shooter will have been given 20 different target presentations. At the completion of the course of fire, the contestant will initial the individual score sheet to verify the score.

It is recommended that each FFA advisor (or designee) be present during his/her respective team’s competition.

**In the event of tie, the following rules will be used to determine the winner:**

**For TEAM TIES:**

**First Tiebreaker:** The first tiebreaker for teams will be the total number of breaks by the lowest scoring team member. (If a team does not have a four-person team, it will lose the tiebreaker if the other team’s low-scoring team member breaks at least one target.)

**Second Tiebreaker:** The second tiebreaker will be **the total** of consecutive breaks for each team member before the first miss, starting at station 1, target 1 for each shooter. Example:

	Station 1	Station 2	Station 3	Station 4	Tiebreaker
Player 1:	xxxox	xxxxx	xoxxx	oxxxx	3



Player 2:	oxxxx	xxxox	xxxxx	xooxx	0
Player 3:	xooxx	xxxxx	xxxxx	ooxxx	1
Player 4:	xxxxx	xxxxx	xxxxx	xxxxx	19
				Team Tiebreaker Total	23

**Third Tiebreaker: State Contest:** Shoot off as determined by the range master prior to the contest.

**Area Contest:** Coin toss or shoot-off as determined by each area prior to the start of the contest.

**For INDIVIDUAL TIES:**

**First Tiebreaker:** The first tiebreaker will be **the total** of consecutive breaks for the individual before his/her first miss, starting at station 1, target 1 for each shooter. If there is still a tie, look at the next set of consecutive breaks, beginning with the next shot. Use this method again if possible.

**Example: (Four individuals tied with the same score)**

	Station 1	Station 2	Station 3	Station 4	Score	T iebreaker
A:	xxxox	xxxxx	xooxx	oxxxx	16	7
B:	oxxxx	xxxox	xxxxx	xooxx	16	0
C:	xooxx	xxxxx	xxxxx	ooxxx	16	1
D:	xxxox	xxxxx	xooxx	xxxoo	16	7

In the above example, the individuals would rank as follows:

First Place Shooter - D

Second Place Shooter - A

Third Place Shooter - C

Fourth Place Shooter - B

**Second Tiebreaker: State Contest:** Shoot off as determined by the range master prior to the contest.

**Area Contest:** Coin toss or shoot-off as determined by each area prior to the start of the contest.



## Agricultural Issues Forum

**Superintendent:** Cheyenne Heitzel

**Email:** opsuhr.opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 1:00 pm-

**Location:** OPSU Science and Agriculture Building

**Room:** SAB 204, 205

1. The purpose of the agricultural issues forum is to present a current issue to a public audience; therefore, professional ethics and standards are to be considered. Ignoring truthful information, falsifying needed information, using unreliable sources and plagiarism are violation examples, which could result in disqualification.
2. A minimum of three and a maximum of seven students who are actively participating, orally presenting and available to answer the judges' questions.
3. To be eligible for scholarships and awards, each student must take an active role in the presentation. This includes active participation in the presentation and making themselves available for questions from the judges in all rounds of competition. Only the certified team members can take an active role in the presentation of materials and use of technology during the presentation.
4. Presentations may include official FFA dress, costumes, props, skits and other creative paraphernalia.
5. Costumes, props, skits and other paraphernalia must be professional in nature and used to showcase respect of all cultures. The event committee reserves the right to remove any team whose presentation, props, skits or other actions are disrespectful of others or shows lack of good judgement.
6. Teams are encouraged to be creative in the approach used to develop their team presentations including the use of technology and other props. Teams are cautioned that the use or overuse of any technology or prop that reduces the focus on the content provided by the team and team's presentation of the content can result in a lower presentation score.
7. A minimum of three competent and unbiased judges will be provided. They will be instructed not to take sides on the issue(s). Professors and industry representatives are recommended. The superintendent of this CDE will adequately prepare the judges before the event.
8. The same agricultural issue topic will not be used in subsequent years by the same chapter and/or advisor.
9. The agricultural issue could come from one of the following eight agricultural issue topic areas as listed in the [Focusing on Agricultural Issues Instructional Materials](#)
  - a. Environmental Issues
  - b. Agricultural Technology Issues
  - c. Animal Issues
  - d. Agricultural Career Issues
  - e. Economy and Trade Issues
  - f. Agricultural Policy Issues
  - g. Food Safety Issues



- h. Biotechnology Issues
- 10. Research on the topic must be current, and students must be involved in all the research of the topic and development of the portfolio.
- 11. Pre-Registration is REQUIRED for this contest. The Agricultural Issues Forum CDE Portfolio must be emailed to [tracy.kincannon@psu.edu](mailto:tracy.kincannon@psu.edu)
- 12. The presentations will be designed to be viewed by the judges. The audience at-large will not be of concern to the presenters.
- 13. The judges may ask questions of all individuals of the presenting team. Each individual is encouraged to respond to at least one question from the judges.

## Event Format

### Equipment

- 1. A projector and front projection screen will be provided.
- 2. Other equipment is allowed, but the presenting team must provide it.

### The Portfolio

- 1. Should include items described in G1-G5 and will be limited to ten single sided pages or five double-sided pages maximum, not including cover page.
- 2. Portfolios are to be printed on standard bond 8 1/2" x 11" paper, stapled in upper left hand corner or with spiral binding. Portfolios should not be sent in notebooks, page protectors or report covers.
- 3. A maximum of ten points will be deducted for exceeding the maximum amount of pages and/or for not including the cover page containing required information.
- 4. Agricultural Issue Portfolios (including documentation of public forums) must be submitted to Dr. Lauren Cline [at tracy.kincannon@opsu.edu](mailto:tracy.kincannon@opsu.edu) on or before April 15. Details regarding the creation of the Ag Issues Portfolio can be found on p. 6, 7, & 8 of the Agricultural Issues CDE Handbook 2017-2021.
- 5. Advisors: To ensure portfolios can be opened and reviewed for scoring, save the document as a PDF. Saving the document in this format will allow the portfolio to be opened and reviewed on both PC's and Mac Computers.

### Portfolio Guidelines

- 1. Required information on the cover to avoid score deductions:
  - a. Title of the issue stated as a question
  - b. Date of the state qualifying event
  - c. Name, address, state and phone number of the chapter
- 2. A maximum of two pages of the portfolio will include a summary of the issue.
  - a. The purposes of the summary are to provide an overview of the issue and to demonstrate understanding of the principles and fundamentals of agricultural issue analysis.



- b. The summary needs to include the course(s) in which instruction occurred and the number of students involved in the instruction on agricultural issues. (See Objective 1.)
        - c. The summary may also include, but is not limited to, responses to the following questions:
          - i. Why is this issue important now?
          - ii. What is the nature of the issue?
          - iii. Who is involved in the issue?
          - iv. How can the issue be defined?
          - v. What is the historical background of the issue?
          - vi. What caused the issue?
          - vii. What are the risks?
          - viii. What are the benefits?
        - d. For additional background on these questions, refer to the resource [Focusing on Agricultural Issues Instructional Materials](#) and review the PowerPoint "Agricultural Issues Analysis" in the Teaching Materials section.
      3. A bibliography of all resources and references cited which should include personal interviews, when appropriate, and any other supporting material.
      4. In order for a forum to be awarded points, it must have occurred prior to the state-qualifying event, and there must be independent verification of the forum presentation date.
        - a. "Independent" means that verification needs to be provided by someone in the organization or the group to whom the presentation was made.
        - b. The independent documentation needs to state when, where and to whom the forum was presented.
        - c. Documentation can include:
          - i. Letters from organizations.
          - ii. News articles, that also include the date of the presentation and/or the date the article is printed.
          - iii. Photos showing attendance at forums, but also need independent documentation of the date of the forum presentation.
          - iv. If more than one forum is held on the same day, the starting times of the multiple forums held on the same day also must be independently documented.
      5. A chapter must have a minimum of five high quality public forums prior to their state-qualifying event in order to receive the maximum of 15 points. In most cases, the date of the state competition is the date of the qualifying event. Forum presentations given after the state-qualifying event are encouraged, but will not count toward the portfolio score.
        - a. Multiple organizations attending the same forum will count as one forum. Portfolio judges may take into consideration the quality and quantity of presentations made to audiences outside of the school. No points will be awarded for school presentations to students or presentations to teachers. In addition, no points will be awarded for forums presented as any part of a local or state FFA competition.
        - b. High quality forums are those presentations made to community groups that would have an interest in the issue. Suggested procedures for setting up these presentations and examples of community groups have been provided in the Agricultural Issues Forum Presenter's Guide. High quality forums can also be with smaller numbers of individuals who hold elected, appointed or some other official position that will be making decisions on the issue.





- c. Examples of low quality forums would be dropping in at a local business and giving a presentation to the workers or going to the home of one of the parents to make a presentation. Low quality forums will receive zero or minimal points.

## Time Limits

1. Five minutes will be allowed for set-up.
2. The presentation will be a maximum of 15 minutes in length.
3. The presenters will receive a signal at 10 minutes and 14 minutes.
4. At 15 minutes the timekeeper will announce that time is up, and the presentation will end.
5. Seven minutes for questions and answers will be allotted in both the preliminary and semifinal rounds.
6. Ten minutes for questions and answers will be allotted in the final round.
7. Questions and answers will terminate at the end of allotted time.
8. Three (3) minutes will be allowed for take-down.

## Scoring

- a. **Portfolio: ten single-sided pages or five double-sided pages maximum (Three parts, 25 points total)**
  - i. Summary of the issue, two pages maximum (5 points).
  - ii. Bibliography (5 points).
  - iii. Documentation of local forums (15 points).
    - i. All forums, require independent verification of when, where and to whom forums were presented, and independent verification of presentation times if more than one forum is held on the same day.
  - iv. Maximum of ten points will be deducted for exceeding the maximum number of pages and/or not including cover page containing required information.
  - v. Prior to the event, the portfolios will be judged and scored by qualified individuals using the portfolio scorecard. Portfolio scores will be averaged and supplied to the presentation judges after they have scored the presentation. Portfolio comment cards will be completed by portfolio judges and presented to the teams at the awards function.
  - vi. Proper grammar, correct spelling and proper editing of text are important. The most current edition of The American Psychological Association (APA) style guide should be used for all research citations. Adherence to these editorial guidelines is expected to receive maximum points for the portfolio score.
  - vii. Total Portfolio Score: 25 points
- b. **Team Presentation**
  - i. Introduction, Pro, Con and Summary of Pro and Con (20 points each, 80 points total)
  - ii. Questions (25 points) - Appropriate response and knowledge of the issue will be evaluated from team members' responses.
  - iii. Effectiveness of Presentation (20 points)
    - i. participation of each team member.
    - ii. creative in how main points are made. (It makes no difference, for the



- iii. “creativity” score, if team is in costume or official FFA dress.)
- iv. quality and power of the presentations.
- v. speaks at the right pace to be clear.
- vi. pronunciation of words is clear and intent apparent.
- vii. no distracting mannerisms that affect effectiveness.
- viii. gestures are purposeful and effective.
- ix. well poised with good stage presence.
- iv. There will be a five-point deduction from the scorecard of any team that draws a conclusion supporting a pro or con viewpoint during the formal presentation. During the question period, students may draw a conclusion supporting a pro or con viewpoint if asked to do so by a judge.
- v. Presentation comment cards will be completed by presentation judges and presented to the teams at the awards function.
- vi. Total Presentation Score: 125 points
- c. Judges’ ranking will be used to place teams. Teams will be ranked in numerical order on the basis of the final score to be determined by each judge without consultation. The judges’ ranking of each team then shall be added, and the winner will be that team whose total highest place team, "2" to the second-place team, etc.)

## Tiebreakers

Ties will be broken based on the greatest number of low ranks. Teams’ low ranks will be counted and the team with the greatest number of low ranks will be declared the winner. If a tie still exists, then the event superintendent will rank the team’s response to questions. The team with the greatest number of low ranks from the response to questions will be declared the winner. If a tie still exists then the team’s raw scores will be totaled. The team with the greatest total of raw points will be declared the winner.

## Awards

Plaque for high team, scholarships for top two individuals



<b>Agricultural Sales</b>	
<b>Superintendent:</b> Kathryn Hearn	<b>Email:</b> Hearn, Kathryn <khearn@opsu.edu>
<b>Date:</b> Tuesday, November 14, 2023	<b>Time:</b> 1:00pm –
<b>Location:</b> OPSU Science and Agriculture Building	<b>Room:</b> SAB 204, 205

## Event Rules

1. The team will be composed of four students, and all four individual scores will count toward the team total.
2. FFA Official Dress is required for this event.
3. Any participant in possession of an electronic device, except a calculator, in the event area is subject to disqualification.
4. Business cards are not permitted and will not contribute to the individual or team scores.

The event will be composed of three parts. Individual scores will be composed of the written exam and individual sales activity. The team score will be comprised of the team activity and all individual scores.

The product(s) utilized in the event and activity examples will be posted prior to the event on the [OSU CDE webpage](#). Provided product information may include appropriate company information and price list.

Each participant will be allowed to bring a 1-inch binder to the event containing the provided product information and any other information gathered by the participant.

### A. Equipment

- i. The written examination scan sheet will be provided by the contest superintendent. All other equipment will be provided by the contestant, including a calculator and pencil.

### B. Event Schedule

- i. Each contestant shall complete the event in the time allotted:
  - i. Written Exam - 45 minutes
  - ii. Team Activity - 40 minutes
  - iii. Individual Activity - 20 minutes



**C. Individual Written Exam - 100 points**

- i. The written exam is designed to evaluate an individual's knowledge of sales skills. The listed resources will be used as a basic resource, but the questions will be generated based on basic sales concepts. The test will not exceed thirty (30) questions and forty-five (45) minutes.
- ii. The questions will consist of multiple-choice, including true-false questions.
- iii. Students will answer using a scantron sheet; only answers filled in on the scantron sheet will be counted. Point values will be assigned to each question based on the skill level of the question.
- iv. Bringing a calculator is strongly encouraged for this part of the contest (although calculators are not permitted in the other parts of the contest)

**D. Team Activity - 150 points**

- i. Team members will work together to demonstrate teamwork, group dynamics, problem-solving, data analysis, decision making and oral communications.
- ii. Teams will be allowed to use their 1-inch binder for the event.
- iii. The following information will be provided to the team as if they were a group of salespeople working together to develop the pre-call planning prior to conducting a sales call.
  - i. Product information (available several weeks before the event on the event website, target date Feb 14)
  - ii. Profiles of different customers (at the event)
  - iii. paper and pencils. No presentation equipment such as laptops, flipcharts or dry erase boards will be allowed.
- iv. The team will then develop the pre-call plan (for the product(s) provided prior to the event) necessary to sell the product(s) in a face-to-face sales call. This pre-call plan should identify:
  - i. Potential questions to build rapport for the scenario.
  - ii. Common interests that team members have with the customers.
  - iii. Questions that help determine the wants and needs of the customer.
  - iv. Active listening skills or techniques for determining needs and wants.
  - v. Potential needs and wants of the customer and match them to the products' features and benefits.
  - vi. Potential objections of the customer.
  - vii. Potential concerns of each customer.
- v. As part of the pre-call activity:
  - i. Teamwork and involvement of team members will be judged (nationals – in the state contest the preparation phase will not be judged).
  - ii. Students are expected to explain their decisions for the pre-call plan based on selling principles.
  - iii. The team will be given 15 (nationals – state contest will be 20) minutes to analyze the information and prepare to answer questions about the pre-call plan. During these 15 minutes, the team will be judged using the team activity scorecard (nationals – in the state contest this part will not be judged).
  - iv. Team members, after the conclusion of the 15 minutes, will have an additional 15 minutes to individually answer questions from the judges, and they will answer without assistance from their team members (nationals – for state rules see below).



- v. In the Oklahoma state contest, the team will present its sales plan to the judges (10 minutes). Each individual should participate in this. Then the judges will have 10 minutes to ask questions of the team members.

**E. Individual Sales Activity - 150 points**

- i. Information and product(s) from team activity will be used in the individual sales activity. (Individual activity will be conducted after the team activity.)
  - i. Students will be given a preliminary customer profile and will have at least five minutes to review the preliminary customer profile prior to meeting with the judge(s). Note: This is different from recent state contests, in which students were only told that the judges would fit one of four different profiles.
  - ii. The judge(s) will act as the customer, which may include not buying the product. Participants will have to establish rapport, ask probing questions to ensure they meet the customer's needs and clarify customer information as a part of the sales call.
  - iii. Participants will have 20 minutes to interact with the judge(s). Participants are allowed to use their 1-inch product information binder during the individual activity.

Tiebreaking

**Individual**

In the event of a tie in individualized scores, the following events will be used to determine award recipients:

1. Written exam.
2. Individual sales call.
3. Team activity.

**Team**

In the event of a tie in team scores, the following events will be used to determine award recipients:

1. Written exam.
2. Team activity.
3. Total individual sales activity.

**Awards:** Plaque for high team, scholarships for top two individuals



## Food Science and Technology

**Superintendent:** Tracy Kincannon

**Email:**

tracy.kincannon@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 9:00am

**Location:** Student Union Building

**Room:** SUB Ballroom

1. It is highly recommended that participants wear FFA Official Dress for this event.
2. Any participant in possession of an electronic device/cell phone, except a calculator, in the event area is subject to disqualification.
3. The food science and technology career development event will consist of a team product development, practicums, and objective test.
4. All team members will participate in all of the activities. There will be a possible 1,560 total points per team.
5. Allergy Information: Food products used in this event may contain or come in contact with potential allergens. Advisors must submit a special needs request form for participants with allergies with certification. The event committee will make reasonable efforts to accommodate students with food allergies.

The team will consist of four members with all four members' scores being totaled for the team score. Incomplete teams will only be eligible for individual awards. However, the event committee will make all reasonable efforts to accommodate incomplete team events.

## Equipment

Each participant can bring:

1. Each participant can bring:
  - a. A clipboard that is clean and free of notes.
  - b. Two sharpened No. 2 pencils.
  - c. Electronic calculator- Calculators used in this event should be non-programmable and non-graphing. Calculators should have only basic functions such as addition, subtraction, multiplication, division, equals, percent, square root, +/- key. No other calculators are allowed to be used during the event, including cell phones.
2. Event Superintendent will provide:
  - a. Official Scansheet for Food Science CDE
  - b. Materials for the Team Product Development Project and Practicums



## Event Schedule

Each contestant shall complete the event in the time allotted:

1. Objective Test (60 Minutes)
2. Practicums (30 Minutes)
3. Sensory evaluation (10 Minutes)
4. Team Product Development Project (70 minutes)

## Objective Test (150 points)

1. The objective questions administered during the food science and technology examination will be designed to determine each team members' understanding of the basic principles of food science and technology. The test will be primarily, but not limited to, the list of references at the end of this chapter.
2. Team members will work individually to answer each of the 50 questions. Each person will have 60 minutes to complete the examination. Each question will be worth 3 points, for a total of 150 points.

## Practicums

Each Team Member will complete all parts of the practicums.

1. **Problem Solving/Math Practicum (25 points possible per individual)**  
**Participants will answer a series of five mathematical calculations based on common food science themes. Questions may include nutrition calculations, ingredient quantity, cost-benefit analysis, estimation of cost/margin of goods sold, conversions, processing conditions, etc.**  
**Example Question:** The perfect glass of sweet tea is 20 % sugar. Jim is making a one-gallon container of sweet tea. How many cups of sugar should he add?
  - a. 2.4 cups
  - b. 3.2 cups
  - c. 3.4 cups
  - d. 4 cups
2. **Food Safety and Quality Practicum - 50 points**
  - a. Customer Inquiry: Each participant will be given five scenarios representing general consumer inquiries. Participants must determine if the consumer inquiry reflects a quality or safety issue and determine if it is a biological, chemical, or physical concern or hazard. (25 points)
  - b. Product Specification Compliance: Students will be given sample sets (actual products and/or data sets) and will be responsible for determining



compliance with the provided specification requirements. This may include, but is not limited to, determining if the product(s) is within the net weight standards, product sizing requirements, pH, color analysis, viscosity measurement, fill level tolerances, packaging specification compliance, etc. Participants will be asked five questions regarding potential compliance violations presented within the sample set. (25 points)

### **3. Sensory Evaluation Practicum - 40 points**

- a. Triangle Tests- Four different triangle tests will be conducted. Participants are expected to identify the different samples through flavor, aroma, visual cues and/or textural differences. Each test is worth 5 points. (20 points)
- b. Aromas- Each participant will be asked to identify ten different aromas from vials provided at each station and record the answer on the sheet provided. A list of potential aromas will be provided to each person. Each sample is worth 2 points. (20 points)

### **Food Safety/Sanitation Team Activity (100 points possible per team)**

Each participant will be given situations (e.g., photos, videos, written scenarios, live demonstrations, or a combination). A numbered list of problems will be provided at the beginning of this practicum segment. The list will contain concepts such as good manufacturing practices (GMP), sanitation, food handling/storage, and other pre-requisite programs. The team will work together to evaluate the situation and complete a safety/sanitation report evaluation which will include observations, degree of concern, recommendations/corrective actions. Students will be evaluated on teamwork as well as their safety/sanitation report.

### **Team Product Development (400 Points)**

1. Each team will receive a product development scenario describing the need for a new or redesigned product that appeals to a potential market segment. The team's task will be to design a new food product or reformulate an existing product based on information contained within the product development scenario.
2. The team will be responsible for understanding and using the following concepts:
  - a. Formulation of product to meet specified requirements.
  - b. Package design and labeling requirements to reflect the developed product.
  - c. Nutritional fact development.
  - d. Production and packaging equipment.
  - e. Quality control and safety programs, i.e., good manufacturing practices (GMP) and hazard analysis critical control points (HACCP).
  - f. Formulation and costing (ingredient, packaging, etc.).





- g. Current food trends.
    - h. Market segments.
3. Each team will be provided with packaging materials, ingredients and necessary ingredient information in order to develop a food product, easel sheet, and sharpies.
4. The team will have 60 minutes to respond to the product development scenario and reformulate or develop a product, calculate a nutritional label, develop the ingredient statement and information panel and develop the front or principal display panel to reflect the new product.
5. After this time period, each team member will contribute to a ten-minute oral presentation delivered to a panel of judges. No electronic media will be used in the presentation.
6. Following the presentation there will be a ten minute question and answer period with the judges in which each team member is expected to contribute. All materials will be collected after the presentation.
7. Total time involved for each team will be 80 minutes. Total number of points possible for this activity will be 400 points.
8. Product development scenarios will describe a category, platform and market. These may include but are not limited to the following categories, platforms and markets listed below:
  - a. Categories
    - i. Cereal
    - ii. Snacks
    - iii. Meals
    - iv. Side dishes
    - v. Beverages
    - vi. Supplements
    - vii. Condiments
    - viii. Desserts
  - b. Platform
    - i. Frozen
    - ii. Refrigerated
    - iii. Shelf-stable
    - iv. Convenience
    - v. Ready to eat
    - vi. Heat and Serve
  - c. Market (domestic and international)
    - i. Retail
    - ii. Wholesale
    - iii. Foodservice
    - iv. Convenience store
9. Example of scenario product from past events:
  - a. Ready to eat breakfast cereal for retail
  - b. Refrigerated frozen cookie dough for wholesale
  - c. Yogurt parfait for convenience store
  - d. Refrigerated, heat and serve pizza for retail



- e. Shelf-stable, dried fruit snack mix for retail
10. Evaluation criteria and points for team activity can be found on the team product development project scorecard at the end of this chapter.

Tiebreaker

1. **Team** – In case if teams have the same total points in the overall team placing, the tie will be broken by the highest team product development project score. If this score does not break the tie, then the highest number of total points earned from the objective test (adding all four team member scores) will break the tie. If a third tiebreaker is needed, the total points earned but the team in the food safety and quality practicum will be used.
2. **Individual** - To identify the high individual for this event in case of a tie, the highest objective test score will be used as the first tiebreaker, followed by the highest food safety and quality practicum score as the second tiebreaker. If a third tiebreaker is needed, one sensory evaluation score will be used.

**Awards:** Plaque for high team, scholarships for top two individuals



## Horse Evaluation

**Superintendent:** Kacy Ward

**Email:** kacey.ward10@opsu.edu

**Date:** Tuesday, November 14, 2023

**Time:** 1:00pm –

**Location:**

**Room:**

1. Location of the event will be the OPSU Rodeo Arena.
3. Contest check-in starts at 8:00 AM and closes at 8:45 AM. The contest will begin promptly at 1:00 PM.
4. No hats are to be worn by contestants during the contest.
5. All in-hand classes will be judged as sound, and all performance classes will be judged as they go, in regard to soundness.
6. AQHA novice rules will be used in Hunter Under Saddle and Western Pleasure classes in reference to headset and head carriage.
7. All tack and attire of rider/handler will be considered equal and legal.
8. All questions should be directed to contest officials. The contest coordinator has full authority to disqualify contestants violating this rule.

### Event Format

#### Team Make-Up

1. Teams and all individuals will be eligible for placing awards.
4. If a chapter has more than 8 individuals, additional individuals are allowed to compete.

#### Equipment

- Materials each participant needs to provide:
  - Clipboard
  - Two sharpened No. 2 pencils for placing classes
  - Steno Notebook
- Materials provided by the contest superintendent:
  - Universal Form A 705J-1 Scan Sheet

#### Section Classes - (600 points)

- There will be a total of eight classes judged,.
- Four halter classes will be judged. Halter classes may be represented by the following breeds and types: Quarter Horse, Conformation Hunter, Appaloosa, Arabian, Paint, American Saddle Bred and Morgan. All halter classes will be judged as sound.
- Performance classes may include: Western Horsemanship, Hunt Seat Equitation, Western Pleasure, Western Riding, Reining, English Pleasure (Saddle Seat), Hunter Under Saddle (Hunt Seat), Trail and Hunter Hack, Ranch Pleasure (Ranch Riding), Showmanship, and Ranch Trail. Performance classes will be judged as presented (unsoundness to be penalized accordingly).
- Use of video classes in a case of bad weather is a possibility.



- Patterns will be provided to the teams prior to the start of the event for all classes requiring patterns.
- Contestants are allowed to have rulebooks, steno notebook, and scoring grids
- Contestants are not allowed to carry terminology lists or sample reasons

**AWARDS:** Plaque for high team, scholarships for top two individuals



<b>Vet Science</b>	
<b>Superintendent:</b> Crystal Tolle	<b>Email:</b> <a href="mailto:crystal.tolle@opsu.edu">crystal.tolle@opsu.edu</a>
<b>Date:</b> Tuesday, November 14, 2023	<b>Time:</b> 1:00 pm-
<b>Location:</b> OPSU Science and Agriculture Building	<b>Room:</b> SAB 101

- Each contestant will participate in only one of the practicum activities.
- Only those students who are competing will be allowed to participate in this event.
- Any assistance given to a participant from any source during the event, other than an event official, will be sufficient cause to eliminate the team from the event.
- Various computer applications may be utilized throughout the event.
- Cell phones/personal devices will not be permitted in the contest. They will be collected and placed in the individual folders belonging to the participants' school. Should a student need to contact their teacher/parent, they can temporarily obtain their phone at the check-in desk to make contact.

## Event Format

### Team Make-Up

1. Teams will consist of four members with all four members' scores counting toward the total team score.

### Equipment

1. Students will provide pencils, **non-programmable calculators**, and a note and paper free clip board.
2. Contest officials will provide official scan sheet, notes paper, and specific tools and equipment needed to complete practicums.

### Event Schedule

Individuals will complete each section of the event within the allotted time:

- a. Written Exam - 40 Minutes



- b. Math Application - 20 Minutes
- c. Identification - 20 Minutes
- d. Practicum - 7 minutes
  
- e. Team Activity - 10 minutes

## **Individual Activities:**

### **Written Exam (150 Points)**

The objective, multiple-choice exam is designed to determine team members' broad understanding of the veterinary science field. Some questions will be scenario based. The written exam will consist of 50 multiple-choice questions. Each question will be worth 3 points. Topics for the exam may include:

- Behavior
- Disease (causes and sources, signs and symptoms)
- Medical terminology
- Medical Records
- Anatomy/physiology
- Regulations (federal OSHA, MSDS)
- Patient management
- Facility Management
- Genetics

### **Math Application (100 Points)**

The number of math application questions will vary based on the type of activity that is assigned. Questions may include conversions (including metric system), dose calculations, dilutions, cost calculations, and invoices. Unit conversion sheets will be provided to each student.

### **Identification (120 Points)**

Participants will identify equipment, parasites, and breeds/species. Identification can include PowerPoint, photos, specimens, and actual equipment. Identification lists are located at the end of the contest guidelines. Students will have a combination of 40 items in the following categories:



1. Equipment –Participants will identify pieces of equipment (actual equipment and/or photos).
2. Parasites –Participants will identify parasites (actual and/or photos). Some parasite identifications may require use of a microscope. Microscopes will be provided.
3. Breeds –Participants will identify breeds of small and large animals (photos).

## Team Activities

### Practicums (50 Points)

Each team member will complete **one** practicum worth 50 points. Two students will be assigned for each of the practicum areas defined below, totaling four practicums (200 points). The students will not be made aware of the 4 Practicum options until they enter the exam. They will have 30 seconds to decide which student will perform each Practicum. They will be given a maximum of seven minutes to complete the practicum. Participants are expected to talk through the steps to a judge as they are being scored. Judges may speak and ask questions to the participant at the end of the activity. The scorecards can be found at the end of the contest guidelines. Live animals may/may not be used to perform the Practicums listed below with an asterick (\*).

**Following is the list of Handling and Restraining Practicums that students may be asked to perform:**

1. Restraint of the Small Dog for Jugular Venipuncture\*
2. Restraint of the Cat for Jugular Venipuncture\*
3. Restraint of the Dog for Cephalic Venipuncture\*
4. Restraint of the Cat in Lateral Recumbency for Femoral Venipuncture\*
5. Restraint of the Cat for Cehalic IV Catheter Placement
6. Applying Elizabethan Collar\*
7. Removing Dog From Floor Level Cage to Restrain for Lateral Saphenous Venipuncture
8. Placing a Tail Tie\*
9. Restraint of a Rabbit
10. Applying a Nylon Dog Muzzle\*
11. Applying a Gauze Dog Muzzle\*
12. Applying a Cat Muzzle\*
13. Haltering a Horse\*
14. Haltering Ruminants\*
15. Snare Restraint of the Pig\*

### Clinical Procedures Practicum



Following is the list of Clinical Procedures Practicums that students may be asked to perform. Please be familiar with safe handling of sharp objects, including needles, scalpels, etc.

1. Bandage Removal
2. Opening a Surgery Pack
3. Administering an Intramuscular Injection
4. Administering Oral Tablet/Capsule
5. Prescription Filling
6. Administering a Subcutaneous Injection
7. Administering Aural Medication
8. Administering Ophthalmic Medication
9. Prepare a Surgical Pack for Sterilization
10. Surgical Site Preparation
11. Fecal Flotation with Fecalyzer
12. Removal of Sutures
13. Filling a Syringe for Injection

Tiebreakers will be settled in the following order:

1. Combined individual practicum total score
2. Combined individual written exam total score

**AWARDS:** Plaque for high team, scholarships for top two individuals





# Environmental and Natural Resources

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## Purpose

Environmental and natural resource education has a responsibility to educate the public and prepare students to enter careers in the environmental and natural resource industry. The purpose of the environmental and natural resource career development is to foster student interest, promote environmental and natural resource instruction in the agricultural education curriculum and provide recognition for those who have demonstrated skills and competencies as a result of environmental and natural resource instruction.

## Objectives

The objectives of this career development event are directly aligned with the objectives of the Environmental Science and Natural Resources curriculum as developed by the Curriculum and Instructional Materials Center (CIMC). The *Introduction to Natural Resources, 3rd Edition*, will be used to create all contest elements.

## Event Rules

1. Participants must come to the event prepared to work in adverse weather conditions. The event will be conducted regardless of the weather. Participants should have rainwear, warm clothes and appropriate footwear.
2. Under no circumstance will any participant be allowed to handle any of the items in the identification portion of the practicums. Any infraction of this rule will be sufficient to eliminate a team from the event.
3. Possession or use of any equipment, including electronic devices, other than items specified in section IV. B., is prohibited.
4. Participants will be assigned to group leaders who will escort them to various event-- staging sites. Each participant is to stay with his or her assigned group leader throughout the event or until told to change leaders by the event superintendent.
5. All written material will be furnished for the event. No written materials such as tests, problems and worksheets shall be removed from the site.

## Event Format



## Team Make-up

Each team will be comprised of three or four members. The top three scores will be used to determine the total team score.

### **Objective Written Exam – (100 points) (60 minutes)**

The written exam will consist of 50 questions generated from the Introduction to Natural Resources text from CIMC (see reference list).

### **Identification – (100 points) (45 minutes)**

1. Students will identify 50 items from the categories listed below. It is important to note that identification items may include pictures, actual full specimens, animal tracks, and/or elements of specimens (e.g. wing of a specific duck species). See the complete list of identification items in the reference section of these guidelines.
  - a. Equipment
    - i. Water quality
    - ii. Aquatic
    - iii. Wildlife
    - iv. Geographical
    - v. Weather
    - vi. Forestry
  - b. Native Species
    - i. Wildlife
    - ii. Birds
    - iii. Reptiles/amphibians
    - iv. Fish and other aquatic animals
  - c. Invasive/non--native species
    - i. Plants
    - ii. Animals

## Scoring



### **Individual**

Written Exam - 100

Identification - 100

**Individual Total - 200**

**Team Total - 800**

### **Tiebreaker**

1. Individual with the highest exam score.
2. Individual with the highest annual practicum scores.

### **Awards**

Awards will be presented to individuals and/or teams based upon their rankings at the awards ceremony.

### **Resources**

The Environmental and Natural Resources CDE will be based upon the following CIMC curriculum:

- B.A. Fulgenzi, K. Gibson, J. Milligan, and J. Whisenhunt. (2013). Environmental Science and Natural Resources. Stillwater, OK: Oklahoma Department of Career and Technology Education.