

Workshop Descriptions

There will be **1 virtual workshop** per time slot as attendees allows. Those links will be sent directly to those registered for the virtual workshop.

FBM – Farm Business Management

PS – Post Secondary

HS – High School

***** Note, on Friday, FBM will start workshops will run at different times than the Post-Secondary and HS sessions, see times below:**

FRIDAY

FBM Workshops:

FBM (5:45-7:15pm) – Bingo Your Way to Better Understanding of Commodity Marketing – *Betsy Jensen and Josh Tjosaas, Northland Community College*

Dive into the dynamic world of commodity marketing with our innovative workshop, "Bingo Your Way to Better Commodity Marketing"! This interactive session combines the excitement of bingo with practical knowledge related to commodity marketing. Through a series of engaging bingo rounds, you'll explore key topics such as basic to advanced market terminology and well as pricing strategies and commodity contract basics. No prior marketing experience required—just a willingness to learn and play! Open to all interested attendees (High School, FBM and Post Secondary)

FBM (7:30-9:00pm) – FBM Updates – *Keith Olander and Tina LeBrun, Ag Centric and Southern Center of Agriculture*

COE and Database leaders will provide final details needed for the analysis season along with new programs for spring semester and beyond. Additionally, we will be covering additional projects that may impact FBM students

High School/Postsecondary Workshops:

1 Hour Session Options (6:00-7:00pm):

- Escape Rooms (*HS/PS*)
- Child Labor Laws related to Agriculture (*HS*)
- Ag Communications CDE Crash Course (*HS*)
- Ag Technology Improving the Future (*HS*)

1 Hours Session Options (7:15-8:15pm):

- AFNR Work Based Learning 101 (*HS*)
- Unlock the Power of Crop Scouting (*HS*)
- Automating Agriculture: Curriculum, PD, and Materials funded by the National Science Foundation (*HS*)

2 Hour Session Options (6:00-8:15pm):

- How the USDA- Natural Resource Conservation Service Can Be Utilized in Your Classroom (*HS/PS*)
- Drones in the Ag Ed Classroom (*HS*)

Descriptions Below:

6:00-7:00pm Sessions

PS/HS – Escape Rooms – *Caleb Curfman, Northland Community College*

Dive into the world of making assessment fun in the classroom. Learn about escape rooms and build an escape room at a group. Please bring computers to this workshop

HS/PS – How the USDA – Natural Resources Conservation Service Can Be Utilized in Your Classroom – **Part 1 of 2**

Candi Fuller, Conservation Team Lead- USDA Natural Resources Conservation Service

Want free and helpful resources to teach your students about natural resources and conservation work? The USDA – Natural Resources Conservation Service has a variety of resources at your disposal to help your students better understand what the agency does, what conservation looks like, and what career/ SAE opportunities are available to them in the future. This is a perfect opportunity for educators looking to show their students the important world of conservation!

In this workshop you will learn more about what NRCS is, participate in classroom demonstrations, explore some of our online resources (YouTube, soil surveys), and hear about volunteer, internship, and career opportunities with the NRCS. The workshop and the available resources are created by conservation professionals, leveraging their real-world experience working with landowners in the field.

HS – Child Labor Laws Related to Agriculture – *Corey Walton, U.S. Department of Labor, Lisl Zamora, MN Department of Labor, and Lindsey Brockberg and Mary Berg, MDE*

Work Based learning is an educational opportunity for students but is also a large understating by certified teachers. There is required paperwork, stie-visits, and laws that need to be followed. During this session, labor law experts from the US Department of Labor and the Minnesota Department of Labor and Industry will provide an overview of child labor laws related to youth working in Agriculture.

HS – Agricultural Communications CDE Crash Course! – *Greta Tank; Education Program Specialist, Dr. Troy McKay; CHS Digital Media Teaching Assistant Professor, Dr. Rebecca Swenson; Associate Professor, Dr. Garrett Steede; Assistant Professor in Agricultural Communication & Marketing at the University of Minnesota - Twin Cities*

Join us for a one-hour crash course workshop exploring the new Agricultural Communications CDE! Hosted by Agricultural Communication and Marketing faculty at the University of Minnesota - Twin Cities, this session will cover updated rules, contest format, and practicum tips. Through interactive exercises, attendees will gain hands-on experience in the contest practicums, and we'll also include a dedicated Q&A time.

HS – Drones in the Ag Ed Classroom – **Part 1 of 2**

Jenny Maras and Natasha Mortenson, MN FFA

Join an experienced and licensed drone operator who is also an experienced teacher! Mrs. Maras will provide resources and course materials to take and implement into your classroom, provide resources on grants to secure funds to purchase equipment, and give you the knowledge and skills to implement drone education into your existing coursework.

HS – Ag Technology Improving the Future – *Matt Olhoft and Leon Schumacher, Agricultural Technology-North Dakota State University*

Presentation will update teachers on Ag. Technology in the areas of precision agronomy, precision livestock, and agricultural equipment. Conversations about the direction Ag. Tech. is headed and how their students can make a lasting impact in agriculture will be had. Show and tell of some new Ag. Tech. equipment will also be included.

Friday 7:15pm-8:15pm Sessions

HS/PS – How the USDA – Natural Resources Conservation Service Can Be Utilized in Your Classroom – **Part 2 of 2**

HS – AFNR Work-Based Learning 101 – *Lindsey Brockberg, AFNR Specialist at MDE and Mary Berg, WBL Specialist at MDE*

Are you new to Work Based Learning or need a refresher? WBL has required paperwork, site visits, and child labor provisions that need to be followed. Join us as we go through many faucets that encompass WBL.

HS – Unlock the Power of Crop Scouting – *Anja Johnson and Brian McNeill, University of Minnesota, 4-H Youth Development and 4-H Ambassadors*

Hands-On Techniques and Tools to engage and Inspire Your Agriculture Students - This immersive workshop for youth educators goes beyond the basics, offering hands-on training in crop health, pest management, and plant analysis. Experience cutting-edge interactive simulations designed to bring real-world agricultural challenges into your classroom. You'll not only gain advanced tools and strategies to engage your students but also connect with a community of passionate educators and access exclusive resources that will help you create a thriving, innovative learning environment. Elevate your teaching, inspire your students, and stay ahead of the curve in agricultural education. Don't miss this chance to enhance your curriculum and empower the next generation of Ag leaders!

HS – Drones in the Ag Ed Classroom – **Part 2 of 2**

HS – Automating Agriculture: Curriculum, PD, and Materials funded by the National Science Foundation – *Carl Aakre, CASE and Keith Olander, AgCentric*

Free curriculum, materials, and professional development! CASE 4 Learning and AgCentric are partnering together to develop curricular modules for high school teachers that introduce automation and robotic agricultural applications in their classrooms. The curriculum will be field-tested this summer during a three-day professional development. The summer professional development, curriculum, and materials will be free for teachers willing to field test the curriculum. During the workshop, we will share examples of detailed course outlines, and sample activities. This project is funded through a National Science Foundation Advanced Technological Education Grant.

SATURDAY

FBM Workshops- Saturday AM

9:30am- 10:30am- Ranken/FINBIN – *Pauline VanNurden, CFFM*

Join Pauline from the Center for Farm Financial Management as she guides you through the use of Rankem and myFINBIN as well as using FINBIN to find data related to your individual students needs as well as how to utilize both Rankem and myFINBIN in your program. Bring your computer downloaded with the latest version of Rankem to use in the workshop.

10:45- 11:45am- Introduction to Basic Crop Insurance – *Austen Germolus, Bennet Houghlum Agency*

Join us for "Introduction to Basic Crop Insurance," a practical workshop designed to help FBM instructors, Post-Secondary and even High School agricultural educators understand the fundamentals of crop insurance. This session will provide a clear overview of how crop insurance can protect your farming operations from unforeseen risks and losses. He will cover various programs and insurance options to give you a solid foundation of knowledge when you talk to your students.

High School/Postsecondary Workshops- Saturday AM:

1 Hour Session Options (9:30-10:30am):

- Engaging the Different Personalities in the Ag Classroom (*HS/PS*)
- Advocating for AFNR Education and Preparing for Days at the Capitol (*HS/PS*)
- Milk Quality CDE- How to Train a Team (*HS*)
- AGciting Activities for Animal Science & Companion Animal Science (*HS*)
- Planning for National FFA Convention (*HS*)

1 Hours Session Options (10:45-11:45am):

- Leveraging LinkedIn to Build Community (*HS/PS*)
- Automating Agriculture: Curriculum, PD, and Materials funded by the National Science Foundation (*HS*)
- Growing Lasting Solutions to Hunger (*HS*)

2 Hour Session Options AM(9:30-11:45am):

- Horse, Livestock, and Dairy Judging Oral Reasons- How to get Closer to a 50! (*HS*)
- Ag Machinery Workshop (*HS*)
- Savvy Social Science Research: Mentoring Student Researchers in the Social Science Pathway (*HS*)

2 Hour Session Options- That Split the Lunch Hour (10:45-11:45 and 1:45-2:45pm):

- Unlocking Strengths: Empowering Educators and Students to Thrive Together (*HS/PS*) ***This is a two part workshop that starts before lunch and the second part is after lunch***
- Map it Out: Strategic Curriculum Planning for Impact (*HS/PS*) ***This is a two part workshop that starts before lunch and the second part is after lunch***
- Starting and Utilizing an FFA Alumni and Supporters Chapter (*HS*) ***This is a two part workshop that starts before lunch and the second part is after lunch***

Descriptions Below:

PS/HS – Engaging the Different Personalities in the Ag Classroom – *Amy Durand, Dean of Agriculture, South Central College*

Unlock your students' potential by understanding their unique personality types in this interactive workshop for agricultural educators. Explore personality frameworks like Myers-Briggs and True Colors to gain insights into learning styles and engagement strategies.

Through hands-on activities and collaborative discussions, you'll learn how to identify different personality types in your classroom and tailor your teaching methods to create a more inclusive environment. Discover

practical techniques to enhance communication, foster teamwork, and develop personalized projects that resonate with diverse interests.

Leave with a toolkit of strategies to inspire your students and deepen their passion for agriculture. Join us in transforming the classroom experience—because every personality matters!

PS/HS – Advocating for AFNR Education and Preparing for Days at the Capitol – Sarah Dornink and Kari Schwab, MAELC

Come to this workshop to hear how you can be a stronger advocate for your program and all of agricultural education, get a refresher on basics of the legislative process, and prepare yourself for the upcoming AFNR Education and FFA Days at the Capitol.

HS – Milk Quality CDE – How to Train a Team – Tim Uhlenkamp, Willmar High School

How do you even start training a team? How do I mix milk samples? How do you tell the difference in fat contents? We will go through all of this, just like you are starting to train a team.

HS – Horse, Livestock, and Dairy Judging Oral Reasons – How to get Closer to a 50! – Part 1 of 2

Denise Reeser, FBM instructor, SCC and Members of the CDE Committee

Do you struggle with teaching your students the finer points of presenting oral reasons? It is definitely not a student favorite but a great life long skill to learn. This workshop will give you tips and tricks to engage your students to learn terms, refine their judging, and give you ready to use templates to teach your students to improve their skills. Often the difference in a top team placing is the oral reasons scores.

HS – AGciting Activities for Animal Science and Companion Animal

Science – Taylor Peck, Holdingford Public School and Abby Bohlen, Blooming Prairie High School

Working on a small budget and struggling to come up with lessons that are not just lectures and slides? Don't have the resources or time to do hands-on animal labs all the time? This workshop will include activities and lessons for both large and small animal science classes to help you make your courses more AGciting!

HS – Ag Machinery Workshop – Part 1 of 2

Al Stemper, Erik Hoff and Randy Barka

Workshop will cover machinery portion of FFA Ag Mechanics. Workshop will allow instructors the opportunity to gain experience on best operation, maintenance practices for this years equipment. Workshop time will be spent looking at skills and problems solving activities that can be used to train and prepare students for the regional and State Ag Mechanics contests. Handouts and resources will be provided.

HS – Savvy Social Science Research: Mentoring Student Researchers in the Social Science Pathway– Part 1 of 2

Brooke Thiel and Adam Marx, North Dakota State University

Come learn how to better understand perceptions, beliefs, opinions, and attitudes related to agricultural topics. Mentoring students completing Social Science Agriscience Research projects requires skills different from those of other pathways. This workshop will overview the basics of survey and qualitative research methods, including sampling, survey and question development, analysis, and limitations of the methods.

HS – Planning for National FFA Convention – Wes Anderson, Hancock HS

This workshop is designed for instructors new to the process of registering and or planning to attend the National FFA Convention. Wes will help guide you through the many options you have for securing rooms on your own, through the State Block, registering for convention, arranging transportation on your own, or a region bus.

Saturday 10:45am – 11:45am Sessions

PS/HS – Unlocking Strengths: Empowering Educators and Students to Thrive Together – **Part 1 of 2** – ***This is a two part workshop that starts before lunch and the second part is after lunch***

Lyndsay Ampe, Ridgewater College Faculty - AgriBusienss

Discover the power of the StrengthsFinder framework in this interactive workshop designed for High School, Post-Secondary, and Farm Business Management instructors. You'll learn how to identify your own strengths, guide those you teach and work with to uncover theirs, and cultivate a collaborative environment where everyone thrives. Gain practical tools for fostering understanding, boosting teamwork, and maximizing potential in the classroom and beyond!

PS/HS – Leveraging LinkedIn to Build Community – *Mary Buschette, U of MN CFANS*

LinkedIn is more than a job finding tool, it's a valuable networking tool. Learn tips to enhance your personal profile and ideas of how to use LinkedIn as a way to build and maintain connections with alumni and supporters of your program.

HS – Horse, Livestock, and Dairy Judging Oral Reasons – How to get Closer to a 50! – **Part 2 of 2**

HS – Map It Out: Strategic Curriculum Planning for Impact – **Part 1 of 2** – ***This is a two part workshop that starts before lunch and the second part is after lunch***

Tamara Berger, Ag Teacher/FFA Advisor – ROCORI

Are you planning out a new class? Are you a new teacher? Are you a "fly by the seat of your pants" sort of person, but looking to make a change? Then, this workshop is for you! With 3 kids of my own, and 16 different classes at the High School and Middle School, I NEED to have a plan for myself so that I can provide impactful lessons for my students. In this workshop I will show you what works for me, to hopefully make your life easier and less stressful, from a planning perspective! Resources will be shared, collaboration time will be had, and of course, what everyone really wants... some time to actually plan!

HS – Savvy Social Science Research: Mentoring Student Researchers in the Social Science Pathway – **Part 2 of 2**

HS – Ag Machinery Workshop – **Part 2 of 2**

HS – Growing Lasting Solutions to Hunger – *Mark Swanson, Regional Director, Growing Hope Globally*

How do we engage our students and FFA Chapters in what it means to make a real and lasting difference when it comes to responding to hunger around the world? Growing Hope Globally has developed ready-to-go resources that not only teach students about international agricultural development, but also provide opportunities for them to make a global impact right where they live. This workshop will provide details on how Growing Hope Globally works with communities across the United States to help communities in the developing world have the dignity of growing their own food. It will also introduce their resources to assist FFA Chapters and Agricultural Educators interested in encouraging opportunities to grow lasting solutions to hunger.

HS – Starting and Utilizing an FFA Alumni and Supporters Chapter – **Part 1 of 2** – ***This is a two part workshop that starts before lunch and the second part is after lunch***

Minnesota FFA Alumni and Supporters

The FFA Alumni and Supporters invite you to participate in an informational session where you can brainstorm how to best utilize best OR get started with a local FFA Alumni and Supporters Chapter. This

session will be a sharing session for a robust discussion of the different roles an FFA Alumni and Supporters Chapter can play locally and how Ag Teachers and FFA Advisors can empower the chapter to be independent.

Saturday PM Sessions

FBM Workshops- Saturday PM

1:45-2:45pm- FBM – Livestock Enterprising – Ron Dvergsten, Kyle Olson, Kelly Klinkhammer, Northland Community College

This workshop is designed to provide an overview of data collection and input regarding livestock enterprising, mostly focusing on beef cow calf as well as beef feeding and finishing. They will review some of the common issues with data entry as well as review the data outputs and how to evaluate the outputs for data issues or discrepancies. We encourage attendees to bring their FINPACK program and any current livestock analysis issues to the workshop for the workshop presenters to help discuss and help.

3:00-4:00pm- FBM – Finpack Help 101 – FBM Analysis Leaders, Northland Community College
This workshop is designed to be a partial continuation of the earlier afternoon session as well as provide a working session for instructors to bring current FINAN issues or problems to the workshop and have leaders help them troubleshoot. Additionally, they will discuss how to handle unique situations in a FINAN.

High School/Postsecondary Workshops- Saturday PM:

1 Hour Session Options (1:45-2:45pm):

- Empowering Educators: Innovative AFNR Resources to Empower Minnesota Teachers in Agriculture Education (HS/PS)
- Animal Vet Science (HS/PS)

1 Hours Session Options (3:00-4:00pm):

- Making SAE for All work for your Whole Program (HS/PS)
- Proficiency Evaluation (HS)
- M Squared: Gaming in the Classroom (HS)

2 Hour Session Options PM(1:45-4:00pm):

- National Chapter Award 101 (HS)
- Hands on Floral Design (\$20 fee) (HS)

2 Hour Session Options- That Split the Lunch Hour (10:45-11:45 and 1:45-2:45pm):

- Unlocking Strengths: Empowering Educators and Students to Thrive Together (HS/PS) ***This is a two part workshop that starts before lunch and the second part is after lunch***
- Map it Out: Strategic Curriculum Planning for Impact (HS/PS) ***This is a two part workshop that starts before lunch and the second part is after lunch***
- Starting and Utilizing an FFA Alumni and Supporters Chapter (HS) ***This is a two part workshop that starts before lunch and the second part is after lunch***

Descriptions Below:

PS/HS – Unlocking Strengths: Empowering Educators and Students to

Thrive Together – **Part 2 of 2**- ***This is a two part workshop that starts before lunch and the second part is after lunch***

PS/HS – Empowering Educators: Innovative AFNR Resources to Empower Minnesota Teachers in Agriculture Education– Nathan Hanel, Judy Barka, Courtney

Spence, Tyler Grunewald, Minnesota State Agricultural Centers of Excellence

Join the Minnesota State Centers of Excellence for an engaging workshop that showcases innovative AFNR resources designed to enhance agriculture education in Minnesota. Discover tools, strategies, and best practices that empower teachers to deliver impactful lessons and inspire students. Collaborate with fellow educators and gain valuable insights to elevate your teaching and support student success in the agricultural sector.

HS – National Chapter Award 101 – Part 1 of 2

Harley Braun, Highland Park HS and Mary Hoffmann, Sleepy Eye HS

In this workshop, you will review the steps to completing the National Chapter Award, break down each section, and learn how to delegate tasks for your POA and national chapter award to students so it is not one more thing on your to do list.

HS – Animal Vet Science – *Adawan Nelson, Northand College*

Learn the basic suturing techniques and IV/Blood Draws on Amazon kits.

HS – Map It Out: Strategic Curriculum Planning for Impact – Part 2 of 2- ***This is a two part workshop that starts before lunch and the second part is after lunch***

HS – Hands-on Floral Design – Part 1 of 2

Darcy Dahna, Mt. Lake

This workshop is for anyone who struggles when teaching kids how to create basic floral designs. This hand-on workshop is broken down into easy step-by-step instructions. During this workshop you will create a centerpiece and discuss how to create types of designs. If you have your own flower arranging tools (knife or clipper), please bring them. A limited number of tools will be available to borrow. This class would be great for those preparing for the Floriculture CDE or have a basic design course. **There will be a \$20 workshop fee for this workshop.**

HS – Starting and Utilizing an FFA Alumni and Supporters Chapter – Part 2 of 2- ***This is a two part workshop that starts before lunch and the second part is after lunch***

Saturday 3:00pm-4:00pm Sessions

HS – Making SAE for All work for your Whole Program – *Michael Martin, University of Crookston*

This workshop will focus on how to incorporate SAE for All into your complete agriculture program. Specifically, how can the new SAE foundation and immersion categories be integrated into your general classroom curriculum as well as your FFA chapter activities. The workshop will place an emphasis on integrating programmatic activities to encourage more students to participate and reduce workload of agriculture teachers whenever possible. Teachers will be encouraged to utilize their local experiences, activities, and context as we will have time in the workshop for brainstorming.

HS – Hands-on Floral Design – Part 2 of 2 *Darcy Dahna, Mt. Lake*

HS – Proficiency Evaluation *Tyler Warren and maybe another SAE committee member*

With award application season upon us, get in frame of mind and familiarize yourself with the ever changing proficiency award applications. While we'll cover how to get students started on applications, the majority of the time will be spent looking at finished applications components, the scoring rubric, and prepare teachers for reviewing applications at the regional and state levels.

HS – National Chapter Award 101 – Part 2 of 2

HS – M Squared: Gaming in the Classroom – *Alyssa Mitchell and Trescha Mtichell, DL and Freeze HS*

Less Lecture and more interactive learning through games and activities and how to incorporate learning with a twist.