

VAAE VIRGINIA ASSOCIATION OF AGRICULTURAL EDUCATORS



2 0 2 4 W I N T E R I N - S E R V I C E

January 19-20, 2024
Culpeper, Virginia

2023 - 2024 VAAE OFFICER TEAM

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Treasurer/Secretary - Kelsey Davidson
Holston High School

Central Area

Vice President - Renee Hypes
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Secretary/Treasurer - Cindy Green
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Magna Vista High School
Secretary - Alysha Lawless
Bassett High School
Treasurer - Kate Stevens
James River High School

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SCHEDULE (TENTATIVE)

FRIDAY, JANUARY 19th

12:00-1:00 PM Registration

1:00-2:00 PM Welcome/Introduction Session

2:00-3:00 PM National FFA Award Applications with Brett Evans (National FFA)

3:05-4:50 PM - Workshops

- Hunter Safety Train the Trainer, Zach Adams (DWR)
- Beef Quality Assurance, Katherine Carter (VT, School of Animal Science)
- Middle School Idea Share, Dani Hodges (Appomattox Middle School)
- Edible Arrangements, Melanie Barrow (Henry County VCE)
- Teaching and Coaching Middle School Forestry, John Welsh (J. Frank Hillyard)

4:55-6:30 PM - Workshops

- ShopBot Information Session (*Virtual*), John Carpenter (Carroll County Middle) & ShopBot
- Teaching Trees - Department of Forestry Curriculum, Ellen Powell (VDOF)
- Boater Safety Introduction, Trevor Ruble (DWR)
- Dairy Judging Train the Trainer, Dr. Katherine Knowlton (VT, School of Animal Science)
- Electricity, Ted DeLano (Culpeper CTEC)

6:35-7:35 PM Dinner, Prepared by CTEC Culinary Students

7:40-8:30 PM - Roundtable Discussions

- Fruit Fundraisers, Kate Hawkins
- Engaging with Your Community
- Partnering with Your High School as a Feeder Program
- Public Relations and Social Media
- Starting an Alumni Program
- Brett Evans - Award Applications for National FFA
- Eric Fitzgerald - CTE Director Relations

SCHEDULE (TENTATIVE)

SATURDAY, JANUARY 20th

6:00–8:15 AM Breakfast at Hotel

7:30–8:30 AM Conference Registration and Networking Time

8:30–12:00 PM - Certification Workshops

- CAT 10 Recertification, Marc Moran (Atlee High)
- Greenhouse Growers Certification (TENTATIVE)

8:30–9:30 AM - Workshops

- Utilizing Canva in Your Program and Curriculum, Emily Roy (James Wood High)
- AET Overview and Q&A, Cindy Green (Mechanicville High)
- 6 Week Food-Energy-Water Nexus Case Study Curriculum, Dr. Hannah Scherer (VT, ALCE)
- Work Smarter, Not Harder - Using AI Applications in AgEd, Melessa Suder (Eastern View High)

9:40–11:40 AM - Workshops

- Sheet Metal Roses, Susan Hilleary (Fauquier High)
- Sheep to Shape: Wool Felting in the Classroom, Devon Smith (Millbrook High)
- Terrariums, Jennifer Neil (Buffalo Gap High)
- Vet Science CDE Overview, Samantha Martynowski (Eastern View High)
- National Chapter and Degree Tips and Tricks, Brett Evans (National FFA)

11:45–12:45 - Lunch, Prepared by CTEC Culinary Arts

12:50–2:30 (full time allotment if needed) - Workshops

- Greenhouse Maintenance, Cindy Green (Mechanicsville High)
- Parliamentary Procedure, Janae Pettit and Codi Jo Wheelbarger (Broadway High)
- Level Up with FFA Educator Resources, National FFA Teacher Ambassadors
- Rainbow Trout, Don Rhodes (Rockingham Academy)
- Mushroom Inoculation (TENTATIVE), Kristin Beery (Valley Tech)

WORKSHOP DESCRIPTIONS

(IN ORDER OF SCHEDULE)

Hunter Safety, Train-the-Trainer (Zach Adams)

This is a customized version of the New Hunter Education Instructor Training Certification. This class is intended to teach new certified teachers the curriculum that is involved in teaching Hunter Education. The main topics to be covered are learning the database for tracking classes, registering hours & mileage, and covering the "hands on topics

BQA Certification/Recertification (Katherine Carter)

This session will provide participants with the VA BQA HS Credential Training required for certification to deliver BQA HS Credential to Virginia students enrolled in applicable agriculture education classes. This session will also provide a recap of the National BQA Training that is required in tandem with the VA BQA HS Credential Training. Topics will include details of both programs, an overview of the student testing procedure through SafetyFirst, expectations of instructors, and end with the instructor evaluation required for VA BQA HS Credential Certification. Attendees will be expected to have completed and passed the National BQA Online Certification prior to attending this session - details will be forwarded to all registered participants prior to the conference. As a reminder, recertification for all BQA instructors is required every three years. For questions or additional information, please contact Katherine Carter at carterke@vt.edu.

Middle School Idea Share (Dani Hodges)

Collaborate with other middle school teachers from across the state in this dynamic session of idea sharing and encouragement.

Edible Arrangements (Melanie Barrow)

We've all seen some gorgeous edible bouquets, but did you know making them with your students is super simple? Known as "edible floristry," you will receive fundamental knowledge of fruit bouquets, while using pineapple, berries, melons, citrus, kiwi, and apples to create your own pieces of edible art.

Teaching and Coaching Middle School Forestry (John Welsh)

Are you looking for ways to engage middle school students in forestry curriculum? This session will be a discussion and presentation on strategies for teaching and coaching forestry topics. This session will include two make it- take it projects, a tree stick and bandsaw leaf project.

ShopBot Information Session (John Carpenter & ShopBot)

In this virtual session, John Carpenter and ShopBot will be giving an overview of ShopBot products and ideas for projects at the middle and high school levels. Participants will have the opportunity to do a virtual tour of John's shop at Carroll County Middle School in Hillsville, VA and see how he uses ShopBot products in his shop. You'll also have the opportunity to ask questions of the folks at ShopBot regarding their line of equipment.

WORKSHOP DESCRIPTIONS

Teaching Trees - Department of Forestry Curriculum (Ellen Powell)

Forestry is vital to Virginia's ecology and economy. In this session you'll learn about a forest- focused summer camp for students and a summer professional development workshop for middle and high school teachers. You'll also try a few engaging activities to introduce your students to forestry career paths.

Dairy Judging - Train the Trainer (Dr. Katherine Knowlton)

Dr. Knowlton, professor and dairy judging team coach at Virginia Tech is passionate about helping kids across the country engage in (and enjoy!) dairy cattle judging, and working with their local teachers and coaches helps spread her enthusiasm. In this workshop Dr. Knowlton will demonstrate and explain the materials included in the Dairy Judging 101 Youtube channel she authors, with specific focus on how to train today's students, on today's dairy farms. Our students have more extracurricular options than ever, so judging coaches have a lot of competition for their time and attention. Conversely, today's dairy farms often have less time to host practices and facilities that make accessing cows for practice classes more challenging. In this workshop she'll share approaches to engage our busy students, and suggest practical exercises and approaches for coaching them.

Boating Education in the Agriculture Classroom (Trevor Ruble)

Want to learn more about teaching Boating Safety in your classroom? This session will explore the Department of Wildlife Resource's Boating Safety Education Course, the certification process and how to implement the course in your Agriculture Classroom. The session will also cover updates and other information for those Ag teachers who are already teaching the course.

Electricity (Ted DeLano)

This workshop will be both a "SHOCKING EXPERIENCE and a "hands-on" workshop. Participants will learn the basics of electrical wiring. This will include wiring switches, lights, and receptacles. Teachers will also learn to construct electrical boards to assist their instruction.

CAT 10 Recertification (Marc Moran)

Oops! What is the date again??? What do I need to do to get recertified?? This workshop will help you meet your recertification requirements for the Category 10 Commercial Pesticide Applicators License. Not certified? This workshop can help you prepare for the exam prior to taking it.

Greenhouse Growers Certification (TBD)

In this workshop, we will review the content of the Greenhouse Operator's Training Manual in preparation for the certification exam. Typically, we cover the insect and disease portions of the manual, but we are flexible to meet participant needs. The workshop will include time for a Q&A session.

WORKSHOP DESCRIPTIONS

Using Canva in Your Program and Curriculum (Emily Roy)

Spice up your social media, beautify your bulletin boards, collaborate with Cricut crafts, elevate your emails and revamp your worksheets by learning the basics of Canva for Education! This program is free for all public educators and is a great tool that puts a creative spin on the traditional editing software. Participants will learn the basics of how to navigate the Canva platform, utilize the editing tools within the software, and create practical projects that ag teachers/FFA advisors utilize consistently! Participants must bring a laptop or chromebook for this session AND create a Canva for Education account by visiting <https://www.canva.com/education/> prior to the workshop.

AET Overview and Q&A (Cindy Green)

The AET Overview workshop will consist of a brief coverage of its capabilities for student, program and teacher management. Based on participants' needs, we will delve into how to create student accounts, FFA rosters, SAE/WBL setup, navigating chapter manager, program financial tracker and how to track teacher hours. Please bring a laptop, and if you are a chapter that has an AET account, have a "test student" ready to play in the 'AET digital sandbox'. This workshop is not meant to be a direct instruction, but interactive be ready with questions.

6 Week Food-Energy-Water Nexus Case Study Curriculum (Dr. Hannah Scherer)

The Food-Energy-Water Nexus can be used in a variety of agricultural science classrooms to help students explore the production decisions of agriculturalist based on the interactions of food, energy, and water. This 6 week curriculum will deepen students' understanding of how agriculture interacts with food systems, energy systems, and water systems within their local regions. We will present six case studies that help students to explore the interactions of the FEW-Nexus while also being instructed on production and management decisions with the FEW Nexus. We will provide a variety of assessments, and projects that teachers can modify to their specific needs.

Work Smarter, Not Harder - Using AI Applications in AgEd (Melessa Suder)

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Sheet Metal Roses (Susan Hilleary)

Build your metal-working skills and learn how to make a project that you can do with your students. This will help you to earn some funds and engage your kids. We'll make roses from sheet metal and learn how to use some common metal working tools.

WORKSHOP DESCRIPTIONS

Sheep to Shape: Wool Felting in the Classroom (Devon Smith)

Who loves the smell of lanolin? We'll take freshly-sheared wool through cleaning, carding, dying, and felting to make-and-take a figurine. This is a low-cost activity for the animal systems pathway.

Terrariums (Jennifer Neil)

Take advantage of this Make it Take a workshop to learn a lesson you can bring back to your classroom. Building a Terrarium is a great hands-on lesson for many classes, including horticulture, plant science, natural resources, intro to Ag, and many more. During this workshop, we will walk through the creation of a Terrarium with items you can easily obtain or get from nature. If there is time at the end of the lesson there will be an open discussion about our favorite hands-on lessons taught to students.

National Chapter and Degree Application Tips & Tricks (Brett Evans)

Do you want to be able to document your chapter's successful program of activities in the National Chapter contest? Learn some tips about the National Chapter Rubrics to help set your students up for success!

Vet Science CDE Update (Samantha Martynowski)

Interactive workshop outlining the updated National Veterinary Science CDE format. Great learning experience for any Advisor with students who are interested in pursuing a Veterinary Science career or competing in the FFA Vet Science CDE at the state or National level.

Parliamentary Procedure (Janae Pettit and Codi Jo Wheelbarger)

This workshop is what you need if you are interested in beginning an FFA Parliamentary Procedure or Conduct of Chapter Meetings team and are not sure where to start! We will focus on the basics of Robert's Rules of Order, give some tips and tricks for coaching a team, and provide a few resources to get your team started. Come prepared to participate!

Greenhouse Maintenance (Cindy Green)

The Greenhouse Maintenance Workshop will begin with a small group break-out session to brainstorm the issues each program faces with greenhouse management and maintenance. This workshop is NOT geared toward plant production but DOES address how to manage physical greenhouse controls for plant growth and conduct general routine maintain a greenhouse. Please be mindful that every greenhouse is different, be ready with a description of your facility and your needs.



***“We are agriculture teachers
by choice and not by chance.”***

WORKSHOP DESCRIPTIONS

Level Up with FFA Educator Resources (Mackenh Roberts, Kaila Anglin, Melissa Sease)

This workshop will be an overview of free educator resources from National FFA and will provide specific advice in navigating National FFA announcements and updated resources.

Rainbow Trout (Don Rhodes)

Learn how to raise juvenile rainbow trout to market size in a recirculating 400 gallon fish farm tank. Discussion will also consider how programs can utilize the fish they grow for fundraisers and SAE projects.

Mushroom Inoculation (Kristin Beery)

This workshop will cover the establishment and cultivation of mushrooms for culinary use. We will discuss the basics of inoculation, incubation, and harvesting; as well as growing requirements, treatments, and other best management practices.

VAAE/VIRGINIA FFA SAVE THE DATES

- State Convention – June 24-27, 2024 (Blacksburg)
- FFA Camp – July 8-12, 2024 (Graves Mountain Lodge)
- VAAE Summer Conference – July 15-19, 2024 (Fredericksburg)
- VAAE Early Teacher Conference – July 15-16, 2024 (Fredericksburg)



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2:45-4:50 PM	Hunter Safety - Train the Trainer	
	Beef Quality Assurance	
	Middle School Idea Share	
	Edible Arrangements	
	Teaching and Coaching Middle School Forestry	
4:55-6:30 PM	ShopBot Information Session	
	Teaching Trees - Department of Forestry Curriculum	
	Boater Safety Introduction	
	Dairy Judging Train the Trainer	
	Electricity	
6:35-7:35PM	Dinner, <i>Prepared by:</i> CTEC Culinary Students <i>Dinner Speaker:</i> Eric Fitzgerald, Blue Ridge Community College	
7:40-8:30PM	<p>Round Tables</p> <ul style="list-style-type: none"> • Fruit Fundraisers _____ • Engaging with Your Community _____ • Partnering with Your High School (Feeder Program) _____ • Public Relations and Social Media _____ • Starting an Alumni Program _____ • B. Evans - Award Applications for National FFA _____ • E. Fitzgerald - CTE Director Relations _____ 	

EXACT LOCATIONS WILL BE SHARED DURING THE INFORMATION SESSION AND ON CONFERENCE SIGNAGE



WORKSHOP LOCATIONS: FRIDAY, JANUARY 19th

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8:30-12:00 PM	CAT 10 Recertification	
	Greenhouse Growers Certification	
8:30-9:30 AM	Utilizing Canva in Your Program and Curriculum	
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	6 Week Food-Energy-Water Nexus Case Study Curriculum	
	Work Smarter, Not Harder - Using AI Applications in AgEd	
9:40-11:40 AM	Sheet Metal Roses	
	Sheep to Shape: Wool Felting in the Classroom	
	Terrariums	
	Vet Science CDE Overview and Updates	
	National Chapter and Degree Tips and Tricks	
11:45-12:45 PM	Lunch, <i>Prepared by:</i> CTEC Culinary Students	
12:50- <i>not to exceed beyond 2:30 PM</i>	Greenhouse Maintenance	
	Parliamentary Procedure	
	Level Up with FFA Educator Resources	
	Rainbow Trout	
	Mushroom Inoculation	

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VAAE Winter In-Service 2023

