2021 Hybrid June Professional Development Conference

Oswegatchie Educational Center
June 2021
Croghan, NY

https://www.nysffa.org/nyaaeconference

Helping Teachers, Help Students

The Cornell Agricultural Education Outreach staff, NYAAE Executive Council, and the New York State Education Department invite you to the 2021 Professional Development Conference for Agricultural Educators held at the Oswegatchie Educational Center located in Croghan, NY from Monday, June 21 to Wednesday, June 23, 2021 and Wednesday, June 23 to Friday, June 25, 2021.

The goal of the annual professional development conference is to enhance the quality of instructional programs for secondary agricultural educators through in-service education with activity based workshops that address the needs of our constantly changing agricultural and agriscience programs. Sessions are designed to both raise the scientific rigor of agricultural courses and provide middle, high, and post secondary educators with new technologies and resources for their classrooms.

This high-quality professional development opportunity meets the Continuing Teacher and Leader Education (CTLE) criteria pursuant to Section 80-6 of the Regulations of the Commissioner of Education. By attending this conference each teacher will receive more than 20 professional development hours.

This conference has something for everyone.
We are looking forward to seeing each of you in June!

Why will NYAAE host a Hybrid Conference in 2021?

Planning for a Hybrid June Professional Development Conference in 2021 will allow us to still gather in person while following COVID-19 restrictions and ensuring the safety of our participants, NYAEO staff and Oswegatchie Staff.

What will a hybrid conference look like?

The 2021 NYAAE participants will be in two groups of approximately 50 people each.

Group A or "Owls" will be in person from June 21st-23rd, 2021
Group B or "Eagles will be in person from June 23rd-25th, 2021
There will also be a completely virtual option for those who are unable to join us in person.

We plan to record all sessions and post materials for those who choose to join us virtually and for those who would like to go back to re-watch.

Cost to Attend

*Registration cost includes professional association dues, meals and lodging (hybrid attendees) and a registration fee.
NYAAE WILL NOT PAY PROFESSIONAL DUES FOR OUT OF STATE PARTICIPANTS

Current Teachers

Group A/ Owls (June 21-23rd) - $350

Group B/Eagles (June 23-25th) - $350

BOTH Groups Combined (June 21-25th) - $550

Virtual/Digital Access ONLY - $150

Pre-Service Teachers

Group A/ Owls (June 21-23rd) - $250

Group B/Eagles (June 23-25th) - $250

BOTH Groups Combined (June 21-25th) - $450

Virtual/Digital Access ONLY - $50

Scholarships

Hybrid Current Teachers- $175

Virtual Current Teacher- $75

Hybrid Preservice Teachers- $125

Virtual Preservice Teacher- $25

Conference Schedule

21 JUNE 2021 (OWLS)

12:30pm- Registration
1pm- Lunch
2pm- Professional Development
    1. There's No "I" in Team
    2. Middle School Teacher Panel: Tried & True Tips and Tricks to Keep MS'ers Rocking All Year Long!
    3. Parliamentary Procedure: Helping Students Use Their Voice
4pm- Afternoon Sessions Repeat
5:30pm- Dinner
7:30pm- Evening Session: Privilege is Not a Dirty Word (this session will not be available via Zoom)
8:30pm- Camp Fire and S'mores

22 JUNE 2021 (OWLS)

7am- Oswegatchie Long Pond Paddle (Optional)
8am- Breakfast
8:30am- Professional Development
    1. Step Up Your Designs with OnShape
    2. Getting in Ttouch with Your Spirit Animal or Dog
    3. It's Electric!
10:30am- Morning Sessions Repeat
12pm- Lunch
1:15pm- Professional Development
    1. Learnin' Livestock
    2. Landscape Design and Maintenance
    3. Assessing Environmental Sustainability of Farming Through Whole Farm Nutrient Mass Balances
3:15pm- Afternoon Sessions Repeat
5:15pm- Dinner
7pm- Evening Activity

Conference Schedule

23 JUNE 2021 (OWLS/EAGLES)

7am- Oswegatchie Hike to the Rock (Optional)
7:45am- **OWLS CHECK OUT OF ROOMS FOR SANITIZATION**
8am- Breakfast
8:30am-

1. Precision Agriculture Curriculum
2. Engaging Students in Middle and High School Through Cooking to Become Well Informed Consumers
3. Oswegatchie Sponsored Recreation

12pm- Lunch **(Group A/Owls and Group B/Eagles in different locations)**
EAGLES REGISTRATION/CHECK IN
3pm- (EAGLE ONLY PROFESSIONAL DEVELOPMENT)

1. 123s of SDGs
2. You Bet Your Bass!
3. Golly Gee All Those LDEs!

5:15pm- Dinner & **EAGLES Check into Rooms**
6:30pm- Afternoon Sessions Repeat
8pm- Camp Fire and S'mores

24 JUNE 2021 (EAGLES)

7am- Oswegatchie Long Pond Paddle (Optional)
8am- Breakfast
8:30am- Professional Development

1. Mapping in Agriculture
2. Classroom to Kitchen
3. The Global Farmer Experience

10:30am- Morning Sessions Repeat
12:15pm- Lunch

Conference Schedule

24 JUNE 2021 CONT. (EAGLES)

1:15pm: Professional Development
1. Landscape Design Drawing
2. The Roller Coaster Years
3. Its Electric, Too!

3:15pm: Afternoon Sessions Repeat
5:15pm: Dinner
7pm: Evening Activity

25 JUNE 2021 (EAGLES)

7am: Oswegatchie Hike to The Rock (Optional)
8am- Breakfast/ Check out of rooms
8:30am- Professional Development
1. Llama Tell Ya, Alpaca Bag of Diversity!
2. The Science of Cheese- Dissecting the Milk Quality Career Development Event
3. Oswegatchie Sponsored Recreation

12pm- Lunch
1pm- Professional Development
1. Privilege Is Not a Dirty Word (This session will not be availble via Zoom)

2:30pm- Conference Concludes

Workshops & Sessions

Workshops will span the eight different Agriculture, Food, and Natural Resource pathways shown below. In addition to agricultural topics such as beekeeping, livestock production, and partnering with local environmental interest groups, the conference will engage educators in active discussions on engaging disinterested students, creating an inclusive classroom, and diversifying our classroom pedagogies. There are sure to be relevant workshops for every agricultural educator! If you're interested in presenting a workshop during the 2021 NYAAE Conference, please submit a proposal here!

Workshops Descriptions

Middle School Teacher Panel: Tried and True Tips and Tricks to Have Those Middle School'ers Rockin' All Year Long!

Johanna Bossard, Hamilton + Panelists

Teach Middle School? Have no fear....this Middle School Teacher Panel is here to share our best "tried and true" tips, tricks and best practices to get those middle schoolers off their feet and engaged in meaningful learning! Come join us for a workshop discussion, with Middle School teachers in various years of their teaching journey! Make sure to bring along your BEST ideas, strategies and engagement techniques as well, so we can all share and collaborate with each other! Don't teach Middle School? Come anyway...MANY of our tips, tricks and best practices will be a pertinent to those lovely High School students of yours as well!

There's No "I" in Team

Carol Wright, Canton

Need some new ideas to develop that sense of team for your FFA officers? How can you create a sense of family within your FFA chapter? The activities and ideas presented in this workshop will not only help develop your leaders in FFA, but also create a sense of community within your chapter and classroom. Come have some fun as we explore ways (both virtually and in-person) to remove the "me" from the word TEAM and flip it upside down to create WE!

Privilege is Not A Dirty Word

Chloe Fuentes, John Bowne; Jeff Parnapy, Byron Bergen; Diversity and Inclusion Committee

Privilege - a special right, advantage, or immunity granted or available only to a particular group or person. This definition isn't scary or mean. Just because someone has privilege does not mean they haven't been effected by distress or suffering. In order to be effective educators we must understand the types of privileges we hold and how we can use them to positively influence our students. The goal of the workshop is to have a better understanding of our own identities and the experience we have because of them.

Parliamentary Procedure: Helping Students to Use Their Voice

Nancy Colgan, Warwick Valley

Do meetings have you feeling blue? Come participate in this highly interactive workshop as you engage in debate and learn motions that can help you to run meetings more smoothly! Everyone will have the opportunity to voice their opinions and help students to learn to do the same. This workshop will help you to prepare students for Parliamentary Procedure and Conduct of Chapter Meeting Team Leadership Development Events as well as provide a fun interactive way to teach your students that their voice matters!

Workshops Descriptions

Stepping Up Your Designs with OnShape

Eric Bugbee and Scott Bugbee, Mount Markham

Introduction to Computer Aided Design through a free, web-based software called Onshape. Participates will create an account and develop a comprehensive project. Onshape is the complete all in one product development platform that is accessible on a computer or mobile device. There is no large download or high-end hardware needed. Targeting programs that are looking to improve design capabilities for a traditional DDP course or Agricultural Mechanics.

Getting in Ttouch With Your Spirit Animal or Dog

Lisa Konnerth, Eastern Suffolk BOCES

Who doesn't love getting a massage? Sore muscles happen to all of us- humans and pets alike! Ttouch is a gentle approach to influencing behavior, health, and performance. This workshop will teach you how to perform several of the Ttouch techniques to be used on the animals in your classroom and the benefits not only to the animals but to you and your students.

Its Electric!

Jon Clayson, Pioneer and Kelsey O'Hare, Pioneer

In the world of agriculture there are many different forms of electricity. This workshop will explore the world of Alternating Current electricity. Teachers will learn how to wire a live circuit much like the one that is used in the electricity contest at State Fair! Teachers will create the circuit while they learn the procedures and codes needed to teach students the proper way to wire a barn or house structure.

Learnin' Livestock

Nichole Hirt, Indian River

We all have that one subject that makes us feel lost...if livestock is that for you please fear no more! Teaching 3 sections of Livestock and Production Animal Science each year is my favorite! I will share with you some catalogs that are very educational and informative for free. Don't have a barn? Let me show you how you can have students construct 4 panels that set up in minutes and can be stored flat. Not sure what topics to cover? We will talk about breeds, industry issues, etc. for multiple species and alternative animal agriculture species will also be covered as well!

Workshops Descriptions

Assessing Environmental Sustainability of Farming Through Whole Farm Nutrient Mass Balances

Dr. Jeff Perry, Cornell University and Agustin Olivo, Cornell University

Let us introduce you to the new curriculum focused on the environmental sustainability of farming and whole-farm assessment of use efficiency! This session will review the purpose, content, organization and offer some deliverables for teachers to use this curriculum in their classrooms. Join us as we review labs, lessons and activities from this new curriculum!

Landscape Design and Maintenance

Mandi Millen, Cazenovia

What are the career opportunities for your students in landscape design and maintenance? What engaging landscape activities could you include in your agriculture classes? This workshop will go over the very basics of landscape design, how to create a landscape plan, and how landscape contractors install and maintain landscapes. Get your pencils and creative juices ready to design!

Precision Agriculture Curriculum

Dr. Jeff Perry, Cornell University and Stephen Robertshaw, Cornell University

Precision agriculture is constantly advancing the efficiency of the agriculture industry. This curriculum covers the fundamentals of soils; takes a deep dive into precision agriculture and its technologies; and examines the environmental and economic benefits of precision agriculture. Materials such as activity worksheets, laboratory exercises and step-by-step instructions are included for all laboratory sessions and activities. Teachers attending the conference may access the full curriculum and documentation.

Engaging Students in Middle and High School Through Cooking to Become Well Informed Consumers

Audra Leach, Houstanic Valley and Jeff Parnapy, Byron Bergen

Are you interested in engaging more students in your Agriscience program? Are you interested in new ways to increase membership in classes? Join us to learn how we have engaged middle and high school students by cooking in our classes. We will cover the importance of the soft skills of measuring, reading recipes, communication, and teamwork through the process of growing, processing, cooking, and marketing agricultural food products. We will also explore nutrition, labeling, and other ways to help students become well informed consumers. We will share ways to continue to cook with students whether in a full time school, hybrid, or distance learning setting.

Workshops Descriptions

You Bet Your Bass!

Roger Barkman, Richfield Springs

Most people know a little about fly tying and trout fishing. This workshop will teach you how to make simple but professional looking inline baits for both trout and bass. The instructor then takes this simple procedure and has his students compete in a scavenger hunt, lure creation contest using pretty much anything they can come up with. Bottle caps or ground down spoons for spinners- why not? 3D printed pieces, part of an old CD, cork or balsa wood carving- absolutely, the skies the limit! My students make poppers and all sorts of spin baits. The real question is how wacky can they get and still catch fish?

123s of SDGs

Max Finberg, Growing Hope Globally

What are SDGs you may ask? The Sustainable Development Goals were set forth by the United Nations to address some of the most pressing issues faced by our world. These goals can help educators on both the local and global level. Join Max Finberg from Growing Hope Globally as he shares about the SDGs, how you and your schools can help work towards these goals and shares ideas for activities to take back home!

Golly Gee, All Those LDEs!

Renee Johnson, Oxford and Mary Coolbaugh, Marcus Whitman

LDEs got your brain in a jumble? Don't worry! Join this workshop for a breakdown of the different Leadership Development Events, how to help students prepare, and when materials are due for events. This session will make LDEs feel less intimidating and help set you and your students up for success in contests!

Classroom to Kitchen

Nichole Hirt, Indian River

Teaching a Food Science course in a classroom without kitchen supplies? Don't let the absence of a kitchen stop your Food Science dreams! Let me show you some easy ideas to facilitate this type of course despite lacking built in facilities. See examples of kitchens in a tote to put together so you can teach the CASE FSS Curriculum or any other Food Science/ Production based course that you have designed. Learn how to organize color coded kitchens, how to store kitchen supplies easily and keep them clean (for those of us with a shop for a classroom), where to buy supplies on a budget and grants used to purchase my supplies. No easy bake oven required!

Workshops Descriptions

Mapping in Agriculture

Mandi Millen, Cazenovia and Paula Burnor, Canastota

Mapping is used for many important applications in agriculture and natural resources. Maps are needed in precision agriculture, soil mapping, drone programing, contour farming, and orienteering among other applications. We will cover such things as how to read contour maps, soil maps, how to use a compass, how it relates to agricultural applications and how it can be incorporated into your classroom.

The Global Farmer Experience

Morgan Boerman, OnTECH Charter and Max Finberg, Growing Hope Globally

Growing Hope Globally's staff has developed the Global Farmer Experience based on over 20 years of interviews, observations, and reports gathered while supporting sustainable agricultural development programs that have helped more than 2 million people find lasting solutions to hunger. All examples and illustrations are based on outcomes seen in the field. The Global Farmer Experience gives participants the opportunity to work through many of the choices and challenges that our programs encounter on a daily basis. As a family in an isolated river community teams wrestle with questions like "What crops should we grow? What risks should we take? And how do we want nonprofits to help us?" You might be surprised by what you learn with this simple change of perspective. Participants will discover what it means to assist people in a way that gives them dignity and creates lasting change.

Its Electric, too!

Jon Clayson, Pioneer and Kelsey O'Hare, Pioneer

In today's society, DC electricity is all around us! Our cars, cell phones, drones, and many other electrical devices utilize DC electricity. In this workshop, you will learn about DC electricity with step by step hands on directions. Help your students understand the devices that they are using on a daily basis and the importance of skilled electrical workers.

The Roller Coaster Years

Melvin Phelps, Lowville and Becky Tiffany, Lowville

Middle School is a tough age group but also the most exciting. In this session we will explore what is going on inside the brains of middle school students (scary I know). This will be a great way to understand why they are the way they are. Coupled with many classroom management tips and suggestions to keep students engaged and interested in your content.

Workshops Descriptions

Landscape Design Drawing

Rachael Clayson, Pioneer

Do you know your plants but are not sure how to put them on paper to make a landscape design? Do you want to incorporate more “art” concepts into a landscape class with the possibility of offering art credit for it? This workshop will give you lesson ideas on how to teach students to create landscape designs with the same methods that a landscape architect would use. You will also get to practice doing the drawings yourself!

Llama Tell Ya, Alpaca Bag of Diversity!

Todd Eick, Medina and Lynn Telaak, CA BOCES

Do the animals you have work for you? Have you considered animals on campus, but want them (to try) to pay for themselves? This workshop will show you the diverse ways the Medina AgED Program uses llamas and alpacas from animal science to agribusiness to community service...and just about everything in between! And meet a few of our fiber-bearing beauties! Every course I teach gets involved at some level; some of the courses work together- think architect and contractor. The diversity can even extend into cross-curricular work! Does that mean you need llamas and alpacas? No. Many of the concepts and ideas we put to work can work without even having the animals! Plus I'll show you some of the equipment we use (both bought and made), and send you home with an easy project to get you started.

The Science of Cheese - Dissecting the Milk Quality Career Development Event

Carly Santangelo, Cuba-Rushford and Tanya Nickerson, Springville

This dairy science can be applied in the classroom or used for preparing a team for the Milk Quality Career Development event. We will learn about the chemistry of milk and apply that science by making different types of cheese during the workshop. We will practice components of the Milk Quality CDE including identification and team scenarios. Participants will receive instructional materials on milk quality, food science and sanitation (that meet science standards for your CTE pathway) as well as helpful hints for engaging learners of all levels in the content. Participants will also receive instructional materials and tips and tricks for making cheese with students in a class period.

Workshops Descriptions

Diversity Skills for Agricultural Careers

Rebecca Cossa, Dutchess BOCES

Let's take a look at diversity without emotion, political opinions, or personal values. At a time when farmers and farm numbers continue to decrease, is it not a priority to recruit candidates for the field? Are agriculture programs in New York State lacking diversity? Why is diversity lacking in New York agriculture? As teachers, we can equip all students effectively for the real work force. In the future, as employees and interns, students will need to relate and communicate to their potential and actual employees to be successful at work. As managers, our students will need these skills to lead diverse teams. In this session, participants will discuss diversity and inclusion from an academic perspective as it relates directly to agricultural education. We will be looking at the history, word jargon, as well as consider the implications of seen and unseen diversity for ag teachers, students, and the workforce from an empirical and pedagogical context. Activities and materials will be included. Investigating diversity is a matter of teaching professionally as well as teaching about professionalism and success in the workforce.

Oswegatchie Educational Center

The 2021 Professional Development Conference for Agricultural Educators will be hosted at the Oswegatchie Educational Center. The educational center located in Croghan, New York is nestled on 1,200 acres of wooded land within the Adirondack Park. Oswegatchie is owned and operated by the New York FFA Leadership Training Foundation, Inc.

The center operates as a youth camp during the summer months and is open throughout the year as an educational, recreational retreat center.

Pack your bags
Oswegatchie does not provide bedding or towels.

· Bedding: sleeping bag, pillow, single bed sheet
· Flashlight
· Warm clothes for cool days and evenings (jeans and sweatshirts)
· Casual summer clothes for all workshops and sessions (shorts and shirts)
· ***tentative*** One dress outfit for the awards banquet (coat and tie for men, pant suit or dress for women)
· Hiking boots & sneakers
· Bath towel

Oswegatchie
EDUCATIONAL CENTER

Oswegatchie Educational Center

Lodging Information

We want this conference to be a pleasant and rewarding experience for teachers. Due to the unique nature of this conference and keeping in mind safety regulations for COVID-19 several lodging options will be provided to our participants. All facilities are rustic but clean. All sleeping spaces will be limited to two people. The following accommodations will be available on a first come, first serve basis, so REGISTER early!

Facilities

Sutliff Conference Center: has 10 double occupancy rooms. There are two shared shower and bath facilities. In addition there are two dormitories which will sleep up to 24 persons in each.

Foster Lodge: has 4 bedrooms downstairs, and 4 bunk beds upstairs. The building can comfortably hold 14 people, but has a maximum sleeping capacity of 24 people. There are 2 bathrooms downstairs, one of which is fully handicap accessible.

Rustic Cabin space: in the main camp area can accommodate 2 to 6 people each. All cabins have electricity. Shower and bath facilities are within walking distance of all cabins.

Camping/Rustic Cabin Facilities: Oswegatchie has many facilities for tents and campers. In addition, we have eleven campsites with three rustic cabins, lean-tos, and fire pits that can sleep up to 15 people at each site. Shower and bathing facilities are within the main camp area.

NOTE: Oswegatchie does not provide bedding.
See the packing list for proper needs.

Registration Information

Don't delay, register today!

Individuals who register by March 5th will receive a SURPRISE gift at registration!

All registration information will be accepted **electronically** through our registration portal. **Registration will close on May 7th, 2021 at 5pm, payments must be postmarked by May 21st, 2021.** Payment can be made via Paypal (account not needed) at the time of registration or by mailing a check to:

2021 NYAAE Conference
Attn: Catie Rowe
300 Kennedy Hall
Cornell University
Ithaca, NY 14853