2020 NAAE VIRTUAL CONVENTION
AGRICULTURAL EDUCATOR...BY CHOICE!

naae.org/convention2020  #naae2020  Instagram  Twitter  Facebook

2020 NAAE CONVENTION PROGRAM
(INCLUDING ACTE AG ED DIVISION)

2020 Virtual NAAE Convention & ACTE Virtual VISION
Schedule of Events
*subject to change*

November 30 - December 4, 2020

All times are in Eastern Standard Time (EST) unless noted
Please visit the NAAE website for the most up to date convention information.
https://www.naae.org/convention2020/index.cfm
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Committee Forums</td>
<td>4</td>
</tr>
<tr>
<td>Convention Schedule</td>
<td>4</td>
</tr>
<tr>
<td>Virtual Partners &amp; Program Hall Participants</td>
<td>6</td>
</tr>
<tr>
<td>On-Demand Professional Development Sessions</td>
<td>7</td>
</tr>
<tr>
<td>NAAE Opening General Session I</td>
<td>12</td>
</tr>
<tr>
<td>NAAE General Session II</td>
<td>14</td>
</tr>
<tr>
<td>NAAE General Session III</td>
<td>15</td>
</tr>
<tr>
<td>NAAE General Session IV</td>
<td>17</td>
</tr>
<tr>
<td>NAAE General Session V</td>
<td>19</td>
</tr>
<tr>
<td>On-Demand Professional Development Session Descriptions</td>
<td>21</td>
</tr>
<tr>
<td>NAAE Board of Directors, Staff, and Contractors</td>
<td>30</td>
</tr>
</tbody>
</table>

## NAAE MISSION

“Professionals providing agricultural education for the global community through visionary leadership, advocacy and service.”
SPECIAL THANKS TO OUR
NAAE CONVENTION SPONSORS

Special thanks to Corteva Agriscience™ for sponsoring the NAAE Agriscience Learning Labs at the 2020 NAAE Convention.

Thanks to the National FFA Foundation for supporting NAAE and agricultural education.

Special thanks to Lab-Aids for providing support for the NAAE Agriscience Learning Labs.
NAAE COMMITTEE DISCUSSION FORUMS
(TOOK PLACE PRIOR TO NAAE CONVENTION)

Finance – Tuesday, November 17, 7:00 pm EST
Marketing – Wednesday, November 18, 6:30 pm EST
Member Services – Monday, November 16, 5:30 pm EST
Policy & Bylaws – Tuesday, November 17, 6:30 pm EST
Professional Growth – Wednesday, Nov. 18, 5:00 pm EST
Public Policy – Wednesday, Nov. 18, 5:30 pm EST
Strategic Planning – Monday, November 23, 6:30 pm EST

THURSDAY, NOVEMBER 19, 2020

6:30 pm-8:30 pm EST  NAAE Teachers Turn the Key Professional Development Kickoff – Session I
            Invitation only

6:30 pm-8:30 pm EST  NAAE XLR8 Professional Development Kickoff – Session I
            Invitation only

6:30 pm-8:30 pm EST  Future AgriScience Teacher (FAST) Symposium Kickoff – Session I
            Invitation only

   RAM
COMMERCIAL

   CSX

   CHS Foundation  CORTEVA agriscience  growth energy  BASF

We create chemistry
MONDAY, NOVEMBER 30, 2020

10:00 am-2:00 pm EST  **ACTE Pre-Session Workshops** (additional fee & pre-registration required)
Visit www.acteonline.org for details.

11:00 am-3:00 pm EST  **CASE ABF BriefCASE Session I & II** (additional fee & pre-registration required)
*must attend both sessions for certification*

12:00 pm-4:00 pm EST  **NAAE Teachers Turn the Key Professional Development – Session II**
*Invitation only*

12:00 pm-4:00 pm EST  **NAAE XLR8 Professional Development – Session II**
*Invitation only*

12:00 pm-5:00 pm EST  **Future AgriScience Teacher (FAST) Symposium – Session II**
*Invitation only*

Zoom preregistration required, a link will be provided to you after you register.

**NAAE Regional Meetings**
Region I – 7:00 pm EST (6:00 pm CST, 5:00 pm MST, 4:00 pm PST)
Region II – 5:30 pm EST (4:30 pm CST, 3:30 pm MST, 2:30 pm PST)
Region III – 5:30 pm EST (4:30 pm CST, 3:30 pm MST, 2:30 pm PST)
Region IV – 6:30 pm EST (5:30 pm CST, 4:30 pm MST, 3:30 pm PST)
Region V – 6:00 pm EST (5:00 pm CST, 4:00 pm MST, 3:00 pm PST)
Region VI – 6:00 pm EST (5:00 pm CST, 4:00 pm MST, 3:00 pm PST)

Visit www.communities.naae.org for committee meeting agendas and links.
TUESDAY, DECEMBER 1, 2020

ALL DAY
Virtual Platform

NAAE Virtual Partners & Program Hall Open

American Technical Publishers
BASF
Bayer
Bloom for Good
Bloomy Pro
Corteva Agriscience
Farming is Risky Business
Goodheart-Wilcox Publisher
Growth Energy
iCEV
Journey 2050
Lab-Aids
MARSfarm
National Association of Agricultural Educators
National FFA Organization
RealityWorks
SafetyFirst
Sustainable Agriculture Research and Education (SARE)
Tractor Supply Company
NAAE Communities of Practice
NAAE Curriculum for Agricultural Science Education (CASE)
NAAE Future Agriscience Teacher (FAST) Symposium
NAAE My Local Cooperative
NAAE Award Programs
NAAE Virtual Book Club
NAAE National Agriscience Teacher Ambassador Academy
NAAE National Teach Ag Campaign
NAAE Teachers Turn the Key (TTTK)
NAAE XLR8
ALL DAY
Accessible for 1 year
Virtual Platform

NAAE Professional Development On-Demand Sessions
Go to page 21 for presenter(s) and session descriptions.

This Ain’t Our First Rodeo

Utilizing CASE to Incorporate Innovation and Create a Model Ag Ed Program, and Still Get Home Before Dark

Be Purposeful About Your Professional Development: How to Increase Your Teaching Effectiveness

Strive to Obtain Balance with Swivl: A Programmatic Video Collaboration Tool

Mom, You Da BOMB: Boss of Mom’s Boundaries

Making AFNR Accessible to All

Do Your Skills Measure Up? Converting Students into Rulers!

Taking Tractor Safety and Youth Certification to the Virtual Limits

Capitol Report: Creating and Implementing a Legislative Plan in your State Leadership for All

Planting SEEDS (Supporting Every Educator with Differentiated Strategies)

Sometimes it is a Circus - Managing All the Performers in an Ag Ed Program

Whoa! Half Way There: Navigating the First Year of being an Agriculture Teacher
TUESDAY, DECEMBER 1, 2020 (CONT’D)

ALL DAY
Accessible for 1 year
Virtual Platform

NAAE Professional Development On-Demand Sessions (con’t)
Go to page 21 for presenter(s) and session descriptions.

Career Exploration Project in AET Using O*Net & Foundational SAEs

Evaluating Student SAE Projects Online

Online Evaluations of SAEs...A quick look!

The Youtube Agribusiness Sector...a new way to share content with your students using new and free Glassboard presentations

Amplify Horse Racing: Accessibility to Education Can Change Perceptions “Cultivating the Next Generation of Agricultural Educators”

Rubrics Cube: Demystifying Assessment

Student Leadership Development/FFA

STEM in Ag Education

Hands-on, Minds-on! Strategies to engage your students minds while using their hands.

Feel the Pulse - Tips On How to Keep Your Ag Program Connected with Your Community

Electrifying Wiring Boards using Diagram Blueprints
TUESDAY, DECEMBER 1, 2020 (CONT’D)

NAAE Professional Development On-Demand Sessions (con’t)

Go to page 21 for presenter(s) and session descriptions.

- Monarchs on the Move
- Using iCEV for Distance Learning
- iCEV 101
- My Local Cooperative: Education. Community. Agriculture.
- Journey 2050: Sustainably Feeding the World
- YQCA – Livestock Quality Assurance for Your Classroom
- What balance???: Identifying recent research in work/life balance and what it says for our lives and our programs
- Are we inclusive?: Analyzing recent research in diversity and inclusion to find answers on how we can be more inclusive
- I just can’t get them engaged!: Exploring research on student engagement and motivation to help improve our teaching.
- Shifting Over: How We Let Students Drive Agriscience Inquiry at a Distance
- Tree CSI
- Are Your Students Up for the Challenge?
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 pm-1:00 pm EST</td>
<td><strong>ACTE Virtual VISION Opening General Session</strong>&lt;br&gt;Virtual Platform&lt;br&gt;featuring “If You Can’t Say Something Nice, What DO You Say” Sarita Maybin</td>
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<tr>
<td>1:00 pm-4:00 pm EST</td>
<td><strong>ACTE Virtual VISION Expo Time</strong>&lt;br&gt;Virtual Platform</td>
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<tr>
<td>11:00 am-3:00 pm EST</td>
<td><strong>CASE ABF BriefCASE Session III &amp; IV</strong> (additional fee &amp; pre-registration required)&lt;br&gt;Visit <a href="http://www.case4learning.org">www.case4learning.org</a> for details.&lt;br&gt;*must attend both sessions for certification</td>
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<tr>
<td>1:30 pm-2:20 pm EST</td>
<td><strong>Purpose, Passion, &amp; Priorities: Maintaining Your Success and Sanity by Focusing on Your Best Life Blend</strong>&lt;br&gt;Virtual Platform&lt;br&gt;*Mrs. Colleen Abbott, Missouri Agriculture Education&lt;br&gt;*University of Missouri, Columbia, MO&lt;br&gt;<strong>If you ever feel like a hamster on a wheel or have an out-of-control to do list, it is time to prioritize and focus on your best life blend. Our time together will provide specific strategies to win at work and at home by focusing on your greater purpose and your passion for agriculture education, but also your family, friends, and other interests. Strategies presented will include prioritizing, time logs, reflection and gratitude practices, as well as, strategies to recognize and prevent burnout.</strong></td>
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<tr>
<td>2:30 pm-3:20 pm EST</td>
<td><strong>SPED Ninjas: The Tools You Need to Accommodate with Stealth</strong>&lt;br&gt;Virtual Platform&lt;br&gt;*Dr. Becky Haddad, University of Minnesota, St. Paul, MN&lt;br&gt;<strong>Are you looking to up your game to accommodate and modify for your students? Regardless of who’s in your class, everyone needs a little accommodation from time to time. Join us for an empathy-based dive into student needs and accommodating them with ninja stealth!</strong></td>
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</tbody>
</table>
TUESDAY, DECEMBER 1, 2020 (CONT’D)

3:30 pm-4:20 pm EST
Virtual Platform

D is for Delegation
Mrs. Rachel Sauvola, New Richmond High School, New Richmond, WI
Participants of this workshop will be able to engage in a collaborative discussion of how we can use our powers of delegation to help focus more on student centered learning, rather than tasks that vested community partners could help us to undertake. Participants will be able to take away concrete ideas on how to lessen your “to do” list by collaborating with community members who also want to help your students succeed. Empower your community partners to share the load of educating our future agricultural leaders, because we know it truly takes a community to raise an outstanding agricultural student.

4:30 pm-5:45pm EST
Zoom preregistration
access link will be sent to you after you preregister.

NAAE State Leaders Round Table
Hosted by Mr. Parker Bane, Ms. Sherisa Nailor, Ms. Mary Hoffmann and Mr. Stan Scurlock
Open to all NAAE Convention registered state leadership team members and state leaders.
TUESDAY, DECEMBER 1, 2020 (CONT’D)

6:00 pm-7:00 pm EST
Virtual Platform

**NAAE Opening General Session I**
Convention Welcome

Reflections

Pledge of Allegiance

Introduction of the NAAE Board

Overview of the Delegate and Voting Process

Nominations for the NAAE Board Positions

Outstanding Agricultural Education Teacher Award Recognition
*co-sponsored by Caterpillar and Tractor Supply Company*

National Council for Agricultural Education Update

Outstanding Middle/Secondary Agricultural Education Program Award Recognition
*partially sponsored by Bayer*

Outstanding Postsecondary/Adult Agricultural Education Program Award Recognition
*sponsored by Bayer*

Recognition of Preservice Attendees

NAAE CEO/Executive Director Report

Closing Remarks
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL DAY</td>
<td>NAAE Virtual Partners &amp; Program Hall Open</td>
<td>For a complete list of partners and programs, see page 6.</td>
</tr>
<tr>
<td>ALL DAY</td>
<td>NAAE Professional Development On-Demand Sessions</td>
<td>A complete list of on-demand sessions starts on page 7.</td>
</tr>
<tr>
<td></td>
<td>Virtual Platform</td>
<td>Go to page 21 for presenter(s) and session descriptions.</td>
</tr>
<tr>
<td>12:00 pm-1:00 pm EST</td>
<td>ACTE Excellence Awards Celebration</td>
<td></td>
</tr>
<tr>
<td>1:00 pm-4:00 pm EST</td>
<td>ACTE Virtual VISION Expo Time</td>
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</tr>
<tr>
<td>1:30 pm-2:20 pm EST</td>
<td>Creating an Inclusive, Diverse and Equitable School Culture</td>
<td><em>Dr. Lori Wright, Millennium Learning Concepts, Cincinnati, OH</em></td>
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<td></td>
<td>Virtual Platform</td>
<td>This is a skills-building module to address areas of Inclusion, Diversity and Equity in the classroom.</td>
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<td>The session will provide participants a foundation for understanding inclusion, diversity and equity through a personal lens. Participants will discuss individual skill development, and internal and external leadership strategies to begin to work towards developing an inclusive, diverse and equitable school culture.</td>
</tr>
<tr>
<td>2:30 pm-3:20 pm EST</td>
<td>Photosynthesis &amp; Respiration — It’s a Plant’s Life!</td>
<td><em>NAAE Agriscience Learning Labs — Sponsored by Corteva Agriscience™</em></td>
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<td></td>
<td>Virtual Platform</td>
<td><em>Ms. Krista Pontius, Greenwood High School, Millerstown, PA</em></td>
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<tr>
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<td></td>
<td>Help your students sprout and grow with a different approach to teaching photosynthesis and respiration. Learn how to captivate students through inquiry activities that will challenge and excite them. Easily implement activities into your current horticulture or plant science class.</td>
</tr>
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</table>
3:30 pm - 4:20 pm EST
Virtual Platform

**Be All the Things to All the People! Identifying, Navigating, and Managing the Tensions in your Work**

*Dr. Hailey Traini, Oregon State University, Corvallis, OR*

*Dr. Becky Haddad, University of Minnesota, St. Paul, MN*

Do you ever feel like you have to be all things to all people in your job? Maybe your administration wants test scores and certifications, your community and parents want awards and banners, and your students want those interactive lessons. Doing this can be exhausting and difficult to manage! Using recent research about work-life balance, the challenges of Ag teachers, and the demanding expectations of the job, this workshop will help you identify, navigate, and manage the tensions that may emerge in your work. We will do this by mapping out the people whom we feel accountable, identifying what their expectations are of us, and discussing how those expectations drive our behavior, decision-making, and well-being. Join us for candid conversation, mutual engagement, and supportive idea generation.

5:00 pm - 5:45 pm EST
Virtual Platform

**NAAE General Session II**

Session Welcome

Reflections

Pledge of Allegiance

Close Nominations for NAAE Board Positions

Introduction of Candidates

President-Elect Candidate Speeches

Closing Remarks
WEDNESDAY, DECEMBER 2, 2020 (CONT’D)

6:00 pm-7:00 pm EST

NAAE General Session III
Session Welcome

Reflections

Pledge of Allegiance

ACTE Ag Ed Division Business Session

ACTE Ag Ed Division President-Elect Candidates

Outstanding Early Career Teacher Award Recognition
sponsored by John Deere

Ideas Unlimited Award Recognition
sponsored by National Geographic Learning | Cengage

National FFA Organization/Foundation Update

Teacher Mentor Award Recognition
sponsored by CEV Multimedia

CASE Award Recognition

Closing Remarks
THURSDAY, DECEMBER 3, 2020

ALL DAY
Virtual Platform

NAAE Virtual Partners & Program Hall Open
For a complete list of partners and programs, see page 6.

ALL DAY
Accessible for 1 year
Virtual Platform

NAAE Professional Development On-Demand Sessions
A complete list of on-demand sessions starts on page 7.
Go to page 21 for presenter(s) and session descriptions.

12:00 pm-1:00 pm EST
Virtual Platform

ACTE Virtual VISION General Session
featuring “The Impact of the COVID-19 Pandemic on CTE”

1:00 pm-4:00 pm EST
Virtual Platform

ACTE Virtual VISION Expo Time

1:30 pm-2:20 pm EST
Virtual Platform

Be All the Things to All the People! Identifying, Navigating, and Managing the Tensions in your Work
Dr. Hailey Traini, Oregon State University, Corvallis, OR
Dr. Becky Haddad, University of Minnesota, St. Paul, MN
Do you ever feel like you have to be all things to all people in your job? Maybe your administration wants test scores and certifications, your community and parents want awards and banners, and your students want those interactive lessons. Doing this can be exhausting and difficult to manage! Using recent research about work-life balance, the challenges of Ag teachers, and the demanding expectations of the job, this workshop will help you identify, navigate, and manage the tensions that may emerge in your work. We will do this by mapping out the people whom we feel accountable, identifying what their expectations are of us, and discussing how those expectations drive our behavior, decision-making, and well-being. Join us for candid conversation, mutual engagement, and supportive idea generation.

2:30 pm-3:20 pm EST
Virtual Platform

Interactive Notebooks in Your Ag Classroom
NAAE Agriscience Learning Labs – Sponsored by Corteva Agriscience™
Ms. Nikki Fidel-Doll, Center-Stanton High School, Center, ND
Come and learn how to make notebooks come to life in your agriculture classroom. In this fun and interactive workshop you will be exposed to a variety of tried and true methods National Agriscience Teacher Ambassadors have found successful. You’ll walk away with an example notebook and plenty of ideas to get you started.
THURSDAY, DECEMBER 3, 2020 (CONT’D)

4:30 pm-5:45 pm EST  NAAE Teachers Turn the Key Professional Development – Session III
Invitation only

4:30 pm-5:45 pm EST  NAAE XLR8 Professional Development – Session III
Invitation only

4:30 pm-5:45 pm EST  Future AgriScience Teacher (FAST) Symposium – Session III
Invitation only

6:00 pm-7:00 pm EST  NAAE General Session IV
Virtual Platform
Session Welcome
Reflections
Pledge of Allegiance
Agricultural Education for All
Closing Remarks
FRIDAY, DECEMBER 4, 2020

ALL DAY
Virtual Platform
NAAE Virtual Partners & Program Hall Open
For a complete list of partners and programs, see page 6.

ALL DAY
Accessible for 1 year
Virtual Platform
NAAE Professional Development On-Demand Sessions
A complete list of on-demand sessions starts on page 7.

12:00 pm-1:00 pm EST
Virtual Platform
ACTE Virtual VISION General Session
featuring “(Re) Defining the Goal: The True Path to Career Readiness in the 21st Century”: Dr. Kevin J. Fleming

1:00 pm-4:00 pm EST
Virtual Platform
ACTE Virtual VISION Expo Time

1:30 pm-2:20 pm EST
Virtual Platform
Culturally Responsive Teaching: Classrooms for All
Dr. Carla Jagger, University of Florida, Gainesville, FL
Debra Barry, University of Florida, Plant City, FL
Investigate culturally responsive teaching and walk away with strategies to create equity within your learning environments. Culturally responsive teaching can meet the learning needs for all students through incorporating students’ cultural references in all aspects of learning. We need to make sure we are building our own cultural knowledge, embedding cultural diversity, and showing compassion for all of our students. Let’s make sure we are creating classrooms for every learner and help to build our recruitment and retention efforts of underrepresented populations within our individual school systems.

2:30 pm-3:20 pm EST
Virtual Platform
No More Super-Germs! Modeling Antibiotic Resistance
NAAE Agriscience Learning Labs – Sponsored by Corteva Agriscience™
Mr. Wes Crawford, Sutherlin High School, Sutherlin, OR
What happens when we forget to take a dose of antibiotics on time? What if we don’t finish the prescription even when the patient seems better? Get hands on in this inquiry lab as we model what is happening as we apply antibiotics to a bacterial infection. No matter if you are teaching in person or virtually, this is a curriculum piece we can all use to get our students thinking! We’ll be live as we take part in the lab and use digital tools to share out and process the results!
FRIDAY, DECEMBER 4, 2020 (CONT’D)

6:00 pm-7:00 pm EST
Virtual Platform

NAAE General Session V
Welcome

Reflections

Pledge of Allegiance

ACTE Greetings

Teachers Turn the Key Award Recognition
sponsored by RAM

XLR8 Program Recognition
sponsored by CSX

NAAE Teach Ag Campaign Update

Teach Ag Champion Recognition

Lifetime Achievement Award Recognition
sponsored by Ford

Outstanding Service Citation Award Recognition
sponsored by Goodheart-Willcox Publisher

(continued onto next page)
FRIDAY, DECEMBER 4, 2020 (CONT’D)

6:00 pm-7:00 pm EST
Virtual Platform

NAAE General Session V (con’t)

Outstanding Cooperation Award Recognition
sponsored by Forrest T. Jones & Company

NAAE Membership Awards Recognition

Recognition of Retiring Officers

NAAE President Remarks

Introduction of 2020-2021 NAAE Board

Closing Remarks
ON-DEMAND PROFESSIONAL DEVELOPMENT

A complete list of the 2020 NAAE Virtual Convention On-Demand workshop sessions.
Professional Development Certificates will be sent to you electronically for every session you attend.
All NAAE Virtual Convention professional development sessions are available to access and receive credit for one year.

THIS AIN’T OUR FIRST RODEO
Mrs. Krista Pontius, Greenwood High School, Millerstown, PA
Mr. Scott Stone, Centralia High School, Centralia, MO
Scott and Krista have a combined 46 years of classroom experience. Throughout this workshop, they will share best practices from their programs in Classroom Management/Student Engagement/Curricular Ideas, FFA Management and Supervised Agricultural Experience. Workshop attendees can expect to leave with a host of resources and tricks with which they can fill their saddlebags.

UTILIZING CASE TO INCORPORATE INNOVATION AND CREATE A MODEL AG ED PROGRAM, AND STILL GET HOME BEFORE DARK
Mrs. Jessie Lumpkins, CASE
Are you looking to add innovative approaches to your agricultural education program but don’t know where to start? Are you interested in raising the quality of your program while maintaining a healthy work-life balance? Are you interested in how teachers are implementing CASE courses and infusing inqire-based learning and enhancing STEM in their classrooms?

BE PURPOSEFUL ABOUT YOUR PROFESSIONAL DEVELOPMENT: HOW TO INCREASE YOUR TEACHING EFFECTIVENESS
Dr. Christopher Eck, Clemson University, Clemson, SC
Effective agricultural education teachers continually strive to improve their individual knowledge and skills through participating in professional development opportunities. Purposeful professional development plays an integral role in teaching effectiveness; therefore, it is essential to identify strengths and areas for improvement related to teaching school based agricultural education. This workshop will help you investigate your knowledge and skills related to intracurricular engagement, personal dispositions, appreciation for diversity and inclusion, pedagogical preparedness, work-life balance, and professionalism. Investigating these six essential areas will help you be purposeful in seeking meaningful, relevant professional development to increase your teaching specific knowledge and skills, ultimately leading to increased teaching effectiveness.

STRIVE TO OBTAIN BALANCE WITH SWIVL: A PROGRAMMATIC VIDEO COLLABORATION TOOL
Dr. Christopher Eck, Clemson University, Clemson, SC
Mr. Nathan Smith, Oklahoma State University, Stillwater, OK
Whether you are completing your 25th year or are just beginning your teaching career, everyone has experienced the overwhelming notion that comes with teaching agricultural education, as you often need to be in five different places at once. Balance is something you strive for in your work and personal life, but have you ever considered a tool that could help make this concept of balance attainable. This workshop will highlight Swivl, an online video collaboration tool that will allow you to create a user-friendly platform for delivering relevant classroom and laboratory instruction both synchronously and asynchronously, training CDE/LDE teams in-person or online, and conducting virtual SAE visits.
MOM, YOU DA BOMB: BOSS OF MOM’S BOUNDARIES
Dr. Becky Haddad, University of Minnesota, St. Paul, MN
Dr. Haley Traini, Oregon State University, Corvallis, OR
Mom, You Da BOMB (Boss Of Moms Boundaries). Wherever you’re at, join us to support women and share the love of fellow moms. Maybe you’re feeling your program shifting under your feet. Maybe you’re rock solid and ready to share some wisdom. Either way, you probably have a million and one obligations at school and one incredibly important one at home (or two or three or more). Share your success, your frustrations, and your expectations as we offer each other support in the tough task of balancing being a mom and an ag teacher!

MAKING AFNR ACCESSIBLE TO ALL
Ms. Wendi Mizer Stachler, Miami Trace High School/Great Oaks Career Campuses, Washington Court House, OH
Mrs. Rebekah Milstead, Miami Trace High School, Washington Court House, OH
AFNR for students with Significant Cognitive Disabilities. The principles of AFNR are for everyone, sometimes it takes a little modification to make these principles accessible to all groups of students. In this session, you will learn how to easily adapt your instruction to meet the needs of students with mild, moderate, and significant cognitive disabilities. This session will include lesson materials suitable for lecture, hands-on, and virtual delivery methods.

DO YOUR SKILLS MEASURE UP? CONVERTING STUDENTS INTO RULERS!
Ms. Alice Cox, Clemson University, Clemson, SC
Dr. Catherine DiBenedetto, Clemson University, Clemson, SC
Dr. Phil Fravel, Clemson University, Clemson, SC
Does the sight of a tape measure or ruler have your students measuring twice and still cutting incorrectly? You’re not alone, we promise. We recognize measurement as a skill where many students lack proficiency. This workshop will highlight a unit of instruction developed to assist teachers to teach basic measurement skills including linear, angles, volume and weight with the goal to develop a strong foundation of measurement skills for students. Lesson plans are developed using a variety of learning techniques to encourage active student engagement and differentiated instructional strategies to meet the needs of all learners. Curricula for the basic measurement unit of instruction will be provided to workshop participants.

TAKING TRACTOR SAFETY AND YOUTH CERTIFICATION TO THE VIRTUAL LIMITS
Dr. Dee Jepsen, The Ohio State University, Columbus, OH
Jill Kilanowski, The Ohio State University, Columbus, OH
Aaron Yoder, Nebraska Medical Center, Omaha, NE
Justin Pulley, The Ohio State University, Columbus, OH
Let's face it, teaching tractor and machinery courses can consume hours of classroom and instructor time. While these skills are important for youth to have, sometimes certificate programs take the back seat to other curricula identified by the teacher or the educational board. A national project, Safety in Agriculture for Youth, has developed additional resources to help busy classroom schedules accommodate online tractor safety lessons using interactive modules, digitized testing and Virtual Reality tractor operation. This approach can also be incorporated into distance education formats. The 'anytime, anywhere' concept helps instructors have access to credible course content, as well as individual students who desire the training in the absence of a local instructor. Technology-enhanced learning engages today’s youth and can control curricula delivery costs.
CAPITOL REPORT: CREATING AND IMPLEMENTING A LEGISLATIVE PLAN IN YOUR STATE  
Mr. Jesse Faber, Pontiac Township High School, Pontiac, IL
This workshop will focus on how to develop and implement a legislative plan. Examples of legislation that has been enacted at the state level to benefit agriculture education will be shared. A step by step plan through the legislative process will be discussed, along with tips to reach the next step.

LEADERSHIP FOR ALL  
Ms. Megan Coy, Facilitating Coordination in Agriculture Education (FCAE), Champaign, IL
Leadership development is not just for the chosen few in this idea packed session! All students need to have leadership, communication, team work and problem solving skills as they go into the real world and agriculture education has the unique ability to provide all of our students with opportunities to develop and strength those traits. The focus of this workshop is moving the idea of leadership development from the most active FFA members into the curriculum for all agriculture education students. We will look at the benefits of increased leadership development on classroom management, increased participation and overall program success. Participants will leave with ideas of how to seamlessly integrate leadership development into any course.

PLANTING SEEDS (SUPPORTING EVERY EDUCATOR WITH DIFFERENTIATED STRATEGIES)  
Mr. Jason Bullock, North Carolina State University, Raleigh, NC  
Dr. Joy Morgan-Fleming, North Carolina State University, Raleigh, NC
With a growing emphasis on promoting inclusion and diversity within the three circle agricultural education model, we hope that you will join us in PLANTING SEEDS, an interactive workshop designed for agricultural education teachers and teacher educators. This workshop desires to bring awareness and understanding of differentiating instruction to promote inclusion of diverse learner populations. Specific strategies will be demonstrated and discussed to aid in reaching diverse populations throughout the three circle Ag Ed model. Participants will receive a resource kit for incorporating differentiated instruction into their agricultural education programs and teacher preparation programs. Gather your SEEDS here, plant your SEEDS in your program, and watch your program GROW.

SOMETIMES IT IS A CIRCUS - MANAGING ALL THE PERFORMERS IN AN AG ED PROGRAM  
Dr. Joy Morgan-Fleming, North Carolina State University, Raleigh, NC  
Dr. Wendy Warner, North Carolina State University, Raleigh, NC  
Dr. Travis Park, North Carolina State University, Raleigh, NC  
Dr. Misty Lambert, North Carolina State University, Raleigh, NC
Working in a multi-teacher program can sometimes feel like a circus. Oftentimes, we spend years juggling activities without a plan in place and lacking the confidence and time to communicate with co-teachers about our program of activities, our talents, and our personal obligations. Taking time to create individual and shared values, identifying the talents and contributions of each teacher, and developing a document of specific responsibilities can help coordinate the diverse efforts needed in a successful program. Our workshop will focus on specific strategies and tools to help manage the work relationships among multi-teacher agriculture programs. When the ring leaders (ag teachers) take the time to fully orchestrate their chapter’s circus, all performers are viewed as leaders contributing to the success of all acts.
WOAH! HALF WAY THERE: NAVIGATING THE FIRST YEAR OF BEING AN AGRICULTURE TEACHER

Dr. Tre Easterly, University of Florida, Gainesville, FL

If you feel like you are holding on with all you got. It does make a difference if you make it or not! During this workshop, Dr. Tre Easterly from the University of Florida will guide first-year teachers in a discussion on what to expect during the second half of the first year of being an agriculture teacher. We will focus on topics related to program planning, curriculum development, personal wellness, planning for professional growth and much more! Participants should bring questions about their first year in the classroom. The goal for this workshop is for first-year teachers to leave with plan for how they will set realistic goals for the remainder of their first year and develop a clear plan to accomplish them.

CAREER EXPLORATION PROJECT IN AET USING O*NET & FOUNDATIONAL SAEs

Dr. Roger Hanagriff, The AET and Texas A&M Kingsville, Richards, TX

This session shares student profile tools in AET that help students record and prioritize career areas they are interested in and how teachers can view a summary report of all data. This session will also share how students can access the O*Net system from AET, which can be used by students to explore career areas and gather important information such as employment trends, salary expectations, skills, and training needed to reach each career goals. Finally, this session will show how teachers can help students track their time in exploring careers, ranking their career interest, developing a career report through a foundational SAE...and how you can grade their work online.

EVALUATING STUDENT SAE PROJECTS ONLINE

Dr. Roger Hanagriff, The AET and Texas A&M Kingsville, Richards, TX

This session will cover how students can develop planned learning skills and document those skills through their SAE journals in AET. Also covered is how teachers can view student’s journals and provide a rating scale on how proficient they are in each area, overall evaluation, and comments back to the student to help them improve. This assessment process will improve student SAE reports, provides teachers with summary data, and could be needed to fulfill Perkins requirements.

ONLINE EVALUATIONS OF SAES...A QUICK LOOK!

Dr. Roger Hanagriff, The AET and Texas A&M Kingsville, Richards, TX

This workshop will show how to evaluate a student’s skills gained from their SAE using AET. We will cover how students enter SAE skills experiences through journaling and how teachers can quickly evaluate those skills and provide students online feedback, share those comments with parents, and document their work in their teacher journal...all in one step!

THE YOUTUBE AGRIBUSINESS SECTOR...A NEW WAY TO SHARE CONTENT WITH YOUR STUDENTS USING NEW AND FREE GLASSBOARD PRESENTATIONS

Dr. Roger Hanagriff, The AET and Texas A&M Kingsville, Richards, TX

This short workshop shares new and free video resources that cover agribusiness content using new Glassboard presentations and questions to help student learn important agribusiness content. We will cover how to access these videos, review questions included with each video and ideas on how to use in the classroom.
AMPLIFY HORSE RACING: ACCESSIBILITY TO EDUCATION CAN CHANGE PERCEPTIONS  
Ms. Annise Montplaisir, AMPLIFY Horse Racing  
There are many parallels between the Thoroughbred horse racing and agriculture industries. In an increasingly urbanizing world, youth and young adults grow up with less of a connection to animals and understanding where their food comes from. This can inhibit their ability to access education about these industries. Amplify Horse Racing is working to increase accessibility through education, technology, development of a shared learning curriculum, and in-person engagement to spread awareness of opportunities.

CULTIVATING THE NEXT GENERATION OF AGRICULTURAL EDUCATORS  
Mr. Paul Aarsvold, Plainview-Elgin-Millville Community School, Plainview, MN  
Ms. Sarah Dornink, Minnesota Agricultural Education Leadership Council, St. Paul, MN  
Ms. Kari Scwabb, Minnesota Agricultural Education Leadership Council, St. Paul, MN  
Hands-on learning doesn’t only apply to high school students, it also applies to our future agricultural education teachers. For more than five years, Minnesota, supported by business partners has provided a structured Agricultural Education Summer Internship Program for college students. The interns spend 10 weeks with an experienced “cooperating teacher” observing and engaging in summer extended-learning opportunities for high school students. The purpose of the internship is for future teachers to engage in the three-circle model in the summer, to experience the rewards of being an agricultural education teacher, and to become more confident in their ability to teach. This workshop will provide you with ideas to consider as you cultivate the next generation of agricultural educators!

RUBRICS CUBE: DEMYSTIFYING ASSESSMENT  
Dr. Becky Haddad, University of Minnesota, St. Paul, MN  
It may sound crazy now, but a well-designed rubric can streamline your grading, clarify expectations, guide interventions, promote student self-assessment & goal setting, and facilitate consistency! Want in? Join us to solve the rubrics cube for formative and summative assessment that works! Bring an assignment to put this type of assessment to work today!

STUDENT LEADERSHIP DEVELOPMENT/FFA  
Mrs. Catrina Pollard, Eastside High School, Covington, GA  
Plan your work and work your plan! This workshop will assist you in getting your students to plan a successful year! Look at sample COLT schedules and determine what the needs are of your chapter to get the most out of time while connecting with the community (at home or away) with various community service ideas. Become proactive in having a POA that works for you and aligns with the National Chapter Application so that you are able to take down two birds with one stone! Become exposed to resources out that that will help make the year easier on you by delegating to your officer team!

STEM IN AG EDUCATION  
Dr. Sandya Kesoju, Columbia Basin College, Pasco, WA  
The workshop will emphasize how to increase number of students pursuing agricultural education to help meet workforce demands. The session will talk about 1). Outreach activities and hands-on learning experiences to motivate students to pursue higher education in agricultural sciences and 2). Interdisciplinary instructors/ faculty PD workshops to increase collaboration between agricultural sciences and STEM faculty leading to integration of agricultural sciences in STEM classrooms.
HANDS-ON, MINDS-ON! STRATEGIES TO ENGAGE YOUR STUDENTS MINDS WHILE USING THEIR HANDS.

Mrs. Sarah Nerswick, Cambridge High School, Milton, GA
Ms. Hannah Wedger, Chisago Lakes High School, Lindstrom, MN

Tired of staring at blank faces when you teach? Does it feel like you’re asking “Bueller, Bueller?” This session will provide you with tools and skills to change your mindset from boring lecture to hands-on, minds-on activities that will engage your students resulting in higher-level cognition and retention.

FEEL THE PULSE - TIPS ON HOW TO KEEP YOUR AG PROGRAM CONNECTED WITH YOUR COMMUNITY

Mr. Tim Taylor, Okmulgee High School, Okmulgee, OK
Ms. Carolyn Piguet, Vinita High School, Vinita, OK
Ms. Hanna Brown, Morrison High School, Morrison, OK

At the heart of any great AgEd program is an instructor with their finger on the pulse of their community. With the support and recognition from the community they serve, the opportunities available to AgEd programs are practically limitless. Having your program front and center in the minds of community and school leaders allows your students to accomplish great things. Hear a few tips from a trio of educators in varying years of service and experiences on how to best solicit and maintain community support for your program. Ideas include alumni events, farmers’ markets, disaster relief projects, or a simple online presence on social media.

ELECTRIFYING WIRING BOARDS USING DIAGRAM BLUEPRINTS

Mrs. Dianna Jarema, Bermudian Springs High School, York Springs, PA
Ms. Darla Romberger, Cumberland Valley High School, Mechanicsburg, PA

Learn how color-coding diagrams can help visual learners to transfer knowledge to electrical circuit boards.

MONARCHS ON THE MOVE

Ms. Aimee Hood, BAYER
Mr. Timothy Fredricks, BAYER

In this session, we will explore the unique biology of the monarch butterfly, including their seasonal migration. The life cycle and journey of the monarch is nothing short of amazing. Across multiple generations, the beautiful butterflies make a 6,000-mile journey from Mexico in the spring, to the U.S. and Canada in the summer and back to Mexico in the fall. However, the number of monarchs making the trip to Mexico has declined over the past two decades. Many factors, including the loss of milkweed in the United States, habitat loss in the Mexican forests, climate change and weather events all contribute to annual variations. Fortunately, monarchs are a resilient species. We will learn how all of us can play an important role in the effort to bring the monarch population back.
USING iCEV FOR DISTANCE LEARNING
Ms. Landee Kieschnick, iCEV
Brittinie Johnson, Baker County Middle School, Macclenny, FL
Connie Hall, Valencia High School, Los Lunas, NM
Jessica Souza, King City High School, King City, CA
Damein Christensen, Shoshoni High School, Shoshoni, WY

iCEV offers a variety of resources to help CTE programs transition to distance learning when the need arises. In this session, learn how to use the iCEV curriculum platform to shift your classes from in-person, to distance or hybrid learning.

iCEV 10
Ms. Clayton Franklin, CEV Multimedia

First-time or new users - Learn from iCEV team members as they provide a detailed introduction to the iCEV platform and course offerings. From automatic testing and grading to managing class rosters to industry-backed certifications, iCEV’s course content and management tools make implementation simple and easy.

MY LOCAL COOPERATIVE: EDUCATION. COMMUNITY. AGRICULTURE.
Mr. Alan Green, NAAE Program Manager

Engage your students in the latest NAAE instructional module based on agriculture cooperatives. The activity based modules will guide students through understanding how a cooperative business works, defining the benefits of cooperatives in the community, cooperative career opportunities and running a mock cooperative business. All teacher attendees are eligible for a $100 cooperative field trip or cooperative teaching materials grant.

JOURNEY 2050: SUSTAINABLY FEEDING THE WORLD
Ms. Tessa Matuszak, Nutrien Ag Solutions/Ag in the Classroom

Free program that engages grades 7-12 in discussions about world food sustainability and can be used virtually. Lesson topics include: sustainability, soil, water, economy, land use, culture, careers, agriculture technology and project-based learning. The program features a virtual farm game & career avatar. New web resources added to enhance distance learning experience. Learn how to incorporate into your class!

YQCA – LIVESTOCK QUALITY ASSURANCE FOR YOUR CLASSROOM
Ms. Jennifer Hawkins, YQCA

Do you have students that show livestock? Do you teach about livestock production? Do you want to expand your students’ knowledge on the steps livestock producers take to ensure a safe food supply? If you answered yes to any of these questions, YQCA is for you and your students! Come learn more about this national quality assurance program and how you can get it in your classroom!
WHAT BALANCE???: IDENTIFYING RECENT RESEARCH IN WORK/LIFE BALANCE AND WHAT IT SAYS FOR OUR LIVES AND OUR PROGRAMS
Kirby Schmidt, Oregon State University, Corvallis, OR
Josh Stewart, Oregon State University, Corvallis, OR
Becky Haddad, University of Minnesota, St. Paul, MN
Dr. Keith J. Frost, Texas A&M Commerce, College Station, TX
Dr. John Rayfield, Texas Tech University, Lubbock, TX
Work/Life Balance feels like an everyday struggle for many of us! How do we manage quality programs and still find the time that we need to avoid burnout? This session will explore two research studies on work/life balance to help us identify strategies to make that balance happen in our own programs. Brief snippets of recent research in the field will be presented with an emphasis on what that research tells us for our everyday lives.

ARE WE INCLUSIVE?: ANALYZING RECENT RESEARCH IN DIVERSITY AND INCLUSION TO FIND ANSWERS ON HOW WE CAN BE MORE INCLUSIVE
Aaron J. McKim, Michigan State University, East Lansing, MI
Jonathan J. Velez, Oregon State University, Corvallis, OR
Tyson J. Sorensen, Utah State University, Logan, UT
Haley Q. Traini, Oregon State University, Corvallis, OR
The need for diversity and inclusion isn’t new, but now, more than ever, teachers are looking for strategies to be more inclusive in their classrooms. This session will explore two research studies focused on diversity and inclusion to help identify strategies to make inclusion a reality in your programs.

I JUST CAN’T GET THEM ENGAGED!: EXPLORING RESEARCH ON STUDENT ENGAGEMENT AND MOTIVATION TO HELP IMPROVE OUR TEACHING.
Dr. Amanda Bowling, The Ohio State University, Columbus, OH
Mr. Amber Rice, The University of Arizona, Tucson, AZ
Dr. Kevin Curry, Pennsylvania State University, State College, PA
Dr. Adam Marx, North Dakota State University, Fargo, ND
Katrina Swinehart-Held M.S., The Ohio State University, Columbus, OH
Student motivation drives how our classes function, what our classroom management strategies look like, and our overall levels of engagement in the classroom. This session will look at two research studies focused on student motivation to help develop practices that allow us to gain attention and keep students engaged!

SHIFTING OVER: HOW WE LET STUDENTS DRIVE AGRISCIENCE INQUIRY AT A DISTANCE
NAAE Agriscience Learning Labs – Sponsored by Corteva Agriscience
Mr. Wes Crawford, Sutherlin High School, Sutherlin, OR
It’s a brave new world right now, but the needs of students to engage their brains hasn’t changed. But how do we have students use inquiry when they don’t have access to our schools, labs, facilities, or equipment? Maybe you are not even allowed to do anything digital at all? What do you do? We will explore some options for those who are Zoom meeting with students to those who can only send paper home worksheets home.
TREE CSI
NAAE Agriscience Learning Labs – Sponsored by Corteva Agriscience
Mr. Troy Talford, Sauk Prairie School District, Prairie du Sac, WI
Join us as we dive into the secret past of trees that can be discovered using dendrochronology.
Attend this workshop and learn how to get your students to become tree detectives while learning how you can get your students engaged in an inquiry-based activity that is sure to get your students to “wonder!”

ARE YOUR STUDENTS UP FOR THE CHALLENGE?
NAAE Agriscience Learning Labs – Sponsored by Corteva Agriscience
Mrs. Rachel Sauvola, New Richmond High School, New Richmond, WI
Focus, motivate and engage students in class content using a daily challenge question. Are you aware of how many questions you ask your students during a class period? Pop in to learn more about increasing your questioning skills. Learn how to challenge your students to really focus on a question that they can leave class knowing and understanding the answer to on a daily basis. You will be charged with developing some challenge questions to share back with participants so that we can build a pool of awesome and amazing challenge questions for our students across the country.
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