



I CAN. WE WILL.

90th National FFA Convention & Expo // Oct. 25 - 28, 2017 // Indianapolis

Teacher Workshops & NAAE – DuPont Agriscience Institute Schedules

Updated: Sept. 12, 2017. Schedule subject to change. All times Eastern.

Your convention and expo experience isn't complete until you've attended a teacher workshop. These workshops are dedicated to helping you develop and grow as an agriculture teacher and FFA advisor. Teacher workshops will take place in the Indiana Convention Center.

Teacher Workshops are sponsored by Crop Production Services.



We Will Help: How FFA Alumni Can Help New Teachers

Presented by Allie Ellis, National FFA Alumni Association

Wednesday, Oct. 25, 2:00-3:00p.m.; Room 140

Discover how FFA Alumni can help new teachers with not only FFA but also SAEs and classroom.

Risk Management

Presented by Brian Frieden, USDA/RMA

Wednesday, Oct. 25, 2:00-3:00 p.m.; Room 141

Crop insurance is expanding to include more program options and increased areas of coverage. Educators will receive information on what to expect from a crop insurance agent and basic information that explains crop insurance and how to assess your farming risk.

Floral Design Theory and Mechanics

Presented by Leanne Kesler and David Kesler, Floral Design Institute

Wednesday, Oct. 25, 2:00-3:00 p.m.; Room 142

This demonstration workshop that will help floral instructors understand the design theory, techniques and mechanics for classic floral design and assist them in developing effective floral design curricula. This fun and fast-paced workshop is sure to be a favorite.

Bringing Hands-on, Science Based Labs to Life in a Variety of Classes.

Presented by Agriculture Teachers Whitney Short, Courtney Bockbrader, Agriculture Teachers, Anthony Wayne - Penta High School; Meredith Wolfe, Oregon Clay High School

Wednesday, Oct. 25, 3:30-4:30 p.m.; Room 140

This workshop will provide teachers with simple, inexpensive and hands-on labs (focusing on water quality) to use in a wide variety of classes. These classroom activities utilize resources that are readily available, and teachers will leave feeling confident.

CareerSafe: No Job Is Worth a Young Worker's Life

Presented by Katie George, CareerSafe Online

Wednesday, Oct. 25, 3:30-4:30 p.m.; Room 141

Looking to create a culture of safety in your agriculture program? CareerSafe provides online safety training for young workers, including an industry-recognized, agriculture-specific OSHA 10-hour course. Topics include tractor safety, machine guarding, confined space and others. Come learn more.

Connecting Students to Careers – Seed Your Future

Presented by Susan E. Yoder, IOM, Seed Your Future

Wednesday, Oct. 25, 3:30-4:30 p.m.; Room 142

Horticulture companies are challenged to find staff because there are not enough young people pursuing careers in horticulture. At the same time, teachers want sample lesson plans and activities to excited students about plants and green careers. Seed Your Future has new tools to help!

Evaluating Floral Compositions relating to Floriculture CDE

Presented by Randy Wooten, President, Southeastern Chapters,

American Institute for Floral Designers

Thursday, Oct. 26, 3:30-4:30 p.m.; Indiana State Fairgrounds, Horticulture and Agriculture Building

Teachers will hear from professional florists explaining step-by-step details on how to use the floral design score card associated with the floriculture career development event to evaluate various floral design arrangements.

Food & Farm Facts: Relevant Resources for the Classroom

Presented by Angela Mayfield, American Farm Bureau Foundation for Agriculture

Thursday, Oct. 26, 8:30-9:30 a.m.; Room 140

Join the American Farm Bureau Foundation for Agriculture as they present the latest Food and Farm Facts resource and educational materials, including updated activity cards and the new trivia card resource.

Tractor Restoration Rebuild for Skill & Profit

Presented by Kevin Cooper, Agriculture Teacher, Nevada High School, Iowa

Thursday, Oct. 26, 9-10 a.m.; Room 141

In this session, Kevin Cooper will provide information on what is required to rebuild and/or restore tractors. He will also discuss important things to consider, goals and what to avoid.

Becoming a Top Performance Teacher

Presented by Matt Rush and James McLamb, Ziglar

Thursday, Oct. 26, 8:30-9:30 a.m.; Room 142

Do you want to become an impactful teacher and leader? Top Performance Leadership gives you real-world skills that allow you to become catalysts of success by equipping you with the “why” behind the “how” of daily choices.

Restarting a FFA Chapter

Presented by Brandon Braaten, National FFA Teacher Ambassador, Corvallis High School, Montana, Corvallis FFA Leadership Team

Thursday, Oct. 26, 10:00-11:00 a.m.; Room 140

We will go through the resources that helped us grow our chapter in its first year. Attendees will leave with a list of helpful resources as well as an account of the growth we experienced.

The Ticket of Success

Presented by Dan Schroer, Superintendent, Springboro Schools, Ohio

Thursday, Oct. 26, 12:30-1:30 p.m.; Room 141

Teaching can be challenging, but it should be rewarding and exciting every day. This workshop will provide specific tips on better engaging students, working with your administration and building collaborative community partnerships.

Utilization of the Ag Ed Discussion Lab

Presented by Riley Hintzsche, Carlee Dittmore and Cari Butcher

Administrators, Ag Ed Discussion Lab Facebook Group

Thursday, Oct. 26, 10:30-11:30 a.m.; Room 141

The Ag Ed Discussion Lab Facebook Group provides a community platform for all things agricultural education, with a variety of members. We will cover the utilization of this platform to best suit your needs in helping your program grow.

Contests in the Classroom

Presented by Samantha Miller, National FFA Teacher Ambassador

Hamilton Southeastern High School, Indiana

Thursday, Oct. 26, 11:30-12:30 p.m.; Room 140

In this workshop, teachers will have the opportunity to learn how they can incorporate FFA contests into their curriculum while still meeting standards and maintaining their desired level of rigor.

How to Connect with the Gen iY and Z Students

Presented by Mary Steves, Growing Leaders

Thursday, Oct. 26, 10-11 a.m.; Room 142

This session turns research into reality, with principles and practical steps to help leaders understand the unique challenges of Generation iY and Z and learn how to connect and lead them.

Living to Serve Grants 101

Presented by Stefonie Sebastian, National FFA Organization, and

Greg Schneider, National FFA Teacher Ambassador, Greensburg Community High School, Indiana

Thursday, Oct. 26, 11:30 a.m.-12:30 p.m.; Room 142

Need funding for a service or service-learning project? This workshop will introduce advisors to the new Living to Serve Grants from National FFA. Participants will review the different applications, discuss project ideas and take home resources to get started.

Stem and Scholarship Opportunities in the U.S. Army

Presented by Mr. Dave Resler, ESS; SSG Branham, USAREC; Mr. Joe O'Donnell, USACC

Thursday, Oct. 26, 1:30-2:30 p.m.; Room 142

Are your students interested in STEM careers? The Army offers cutting-edge training, experience and advanced schooling required for the latest careers in STEM. Not only does the Army help pay for a degree, it provides unparalleled leadership skills.

SAE for Everyone? Really?

Presented by Larry Gossen, National FFA Organization

Thursday, Oct. 26, 1:30-2:30 p.m.; Room 140

Yes, a supervised agricultural experience (SAE) for EVERY student is now a reality. The National Council for Agricultural Education is developing new resources. Find out about school-based enterprises and service-learning SAEs and learn how to implement the new foundational SAE.

Streamlining Chapter Promotion through Social Media

Presented by Amanda Ferguson, Agriculture Teacher, Kingsburg High School, California

Thursday, Oct. 26, 2:00-3:00 p.m.; Room 141

Public awareness of your program is vitally important to the success of your students. Social media can be your friend. Learn some tips and tricks to take back to your chapter on social media implementation.

Owl Pellets: Regurgitating Practical Tips for Agriculture Teachers

Presented by: Dr. Kate Shoulders, University of Arkansas, Dr. Marshall Baker, Oklahoma State University and Dr.

Brian Myers University of Florida

Thursday, Oct. 26, 3-4 p.m., Room 140

Owl Pellets, a social media-based platform designed for agriculture teachers, transforms high-level research into easy-to-apply nuggets of information for teachers to quickly implement. Podcasts, infographics, and live streams connect teachers with researchers, creating a direct pipeline from lab to classroom.

Safety Tips for ATV Riders (STARs): A Trainer Toolkit for Teaching Youth About ATV Safety

Presented by Gerene Denning and Dr. Charles Jennissen, Iowa ATV Injury Prevention Task Force, University of Iowa

Thursday, Oct. 26, 3:00-4:00 p.m.; Room 142

The STARs program teaches youth about all-terrain vehicle (ATV) safety. We will present information on the STARs trainer toolkit, which is available for use by adults and youth who want to help teach ATV safety to children and teens.

The Resume Generator

Presented by Cayla Mustin, Agriculture Teacher, Lebanon High School, Indiana

Thursday, Oct. 26, 3:30-4:30 p.m.; Room 141

What is the FFA Resume Generator and how is it beneficial?

Taking the emotion of the debate – GMO facts and food safety

Presented by Staci Turnbull, University of Nebraska-Lincoln

Friday, Oct. 27, 8:30-9:30 a.m.; Room 140

Topics of food and biotechnology often bring out a lot of emotion. Food safety is personal. Taking the emotion out of discussions help students to understand the science behind the topic. A structured activity will help teachers create fruitful discussions.

Battling the Shark Tank

Presented by Magen Woods and Wes York, Agriculture Teachers, Caldwell County High School, Kentucky

Friday, Oct. 27, 8:30-9:30 a.m.; Room 142

This workshop will highlight the technology that can be used. Simple “free” tricks will serve as time-savers, increase literacy and review curriculum while collecting data. Experienced or inexperienced, this workshop can add to your survival kit to Battle the Sharks

Survivor: Teaching Edition

Presented by Emily Rudder, Agriculture Teacher, Lincoln FFA, Colorado

Friday, Oct. 27, 12:30-1:30 p.m.; Room 141

Engage and learn about surviving during your First Year Flash, Second Year Blues and Third Year Triathlon! This workshop is designed for young teachers or those of us who need recharged! Don't get voted off the island!

Dogs in the Classroom

Presented by Mike Roy, Continental Kennel Club

Friday, Oct. 27, 10:00-11:00 a.m.; Room 140

Learn about CKC's exciting and fun Canine Care and Training Program. This program prepares students for a career with dogs. The program can be taught as a stand-alone curriculum or as a supplement to your small Animal/pre-vet courses.

Grant Writing Workshop

Presented by Josh Nelson, Agriculture Teacher, Oregon High School, Illinois

Friday, Oct. 27, 10:00-11:00 a.m.; Room 142

Have you imagined funding your entire classroom through grants? How many lessons have you been excited about, only to realize that you didn't have the equipment or money to do them? Learn how to write grants to achieve your dreams.

Fact not Fiction: Prepping Your Students for a Veterinary Career

Presented by Dr. Anna Reddish and Dr. Jacque Pelzer, American Veterinary Medical Association

Friday, Oct. 27, 10:30-11:30 a.m.; Room 141

Frequently asked questions will be answered as you gain insights into the academic preparation required and admissions process for veterinary school. Leave with practical tips you can provide to students as they evaluate a potential career.

Difficult concepts made easy through STEM activities

Presented by Melissa Keown, Agriculture Teacher, Harrison High School, Indiana

Friday, Oct. 27, 11:30 am. – 12:30 p.m.; Room 140

Biological processes, such as protein synthesis, are sometimes hard to teach. This interactive workshop will allow teachers to complete a STEM activity and brainstorm ideas for STEM activities they can use in their classes.

APA in FFA

Presented by Jason Dossett, National FFA Teacher Ambassador, Daniel Boone High School, Tennessee, and Dr. Christopher Stripling, University of Tennessee-Knoxville

Friday, Oct. 27, 11:30 a.m.-12:30 p.m.; Room 142

Learn the basics of organizing a manuscript, citing in-text references and a reference list according to the APA Manual when used in official FFA career development events (CDE) and leadership development events (LDE).

Become a Teacher and Leader of Significance

Presented by Matt Rush and James McLamb, Ziglar

Friday, Oct. 27, 9-10 a.m.; Room 141

Do you want to become an impactful teacher and leader of significance? This course is about going beyond being successful in the classroom. It is about building up others, inspiring the next generation of leaders and never resting in our success.

#TeachAg Chat: Leveraging Twitter as a Professional Development Tool

Presented by Dr. OP McCubbins, Tennessee Tech University, and Jillian Gordon, Agriculture Teacher, Clarke Central High School, Georgia

Friday, Oct. 27, 1:30-2:30 p.m.; Room 140

Learn how to leverage Twitter as a powerful professional development tool through #TeachAgChat. The chats are fast-paced and include diverse perspectives on #AgEdu and #TeachAg topics; great for beginning and experienced teachers alike.

Landing the Job: The Do's and Don'ts of Seeking Employment

Presented by Dr. Kirk Swartzel, Employment Skills CDE Superintendent, Mississippi State University

Friday, Oct. 27, 1:30-2:30 p.m.; ICC 142

This workshop will help teachers identify the components of the employment skills LDE and describe how they can integrate these components into their agriculture classes.

Adding Tools To Your Recruitment Toolbox: Growing Your FFA Chapter

Presented by Dr. Erica Thieman, University of Illinois, Luke Allen, District Supervisor, FCAE Facilitating Coordination, Agriculture Education, Illinois State Board of Education

Friday, Oct. 27, 2:00-3:00 p.m.; Room 141

Looking for ideas to grow your chapter? Use these practical tips to learn how to complete a community assessment, plan an image review and host a focus group to recruit FFA members that represent your community and school.

Preparing a Conduct of Chapter Meetings LDE Team

Presented by Sarah LaRose, Committee Member, Conduct of Chapter Meetings LDE, University of Florida

Friday, Oct. 27, 3:00-4:00 p.m.; Room 140

Come learn about the new national LDE open to seventh, eighth, and ninth grade FFA members. Contest format, rules and resources will be discussed and provided. Workshop participants will have the opportunity to engage in a mock contest demonstration.

2017-2021 Ag Sales CDE

Presented by Glen Noll, Ag Sales CDE Superintendent, Purina Animal Nutrition

Friday, Oct. 27, 3:00-4:00 p.m.; ICC 142

This workshop will give hints and information on the National FFA Agricultural Sales CDE.

Using the Three Circle Model and National Standards to Make Natural Resources and Environmental Science Instruction More Effective and Engaging

Presented by Craig Kohn, Michigan State University

Friday, Oct. 27, 3:30-4:30 p.m.; Room 141

Using hands-on labs, you'll learn how to implement the Agriculture, Food and Natural Resources (AFNR) and NGSS national standards with the three-circle model to better prepare students to be skilled sustainable professionals. This workshop will be presented by the author of the Natural Resources & Environmental AFNR Standards.

NAAE – DuPont Agriscience Institute Schedule

The National Agriscience Preservice Teacher Program is professional development for specially selected preservice teachers and will focus on inquiry-based instruction and increasing science rigor in the agriculture classroom. This session is by invitation only. Sponsored by DuPont.



National Agriscience Preservice Teacher Program

Wednesday, Oct. 25, 9 a.m. - 5 p.m., Room 143 (NAPTP participants only)

Sponsored by DuPont, this professional development program is for specially selected preservice teachers to learn how to incorporate inquiry and increase science rigor in their agricultural classrooms.

Chicken Little, Chicken Big

DuPont Agriscience Institute

Thursday, Oct. 26, 9 - 10:15 a.m., Room 143

Discover how to help your students gain a better understanding on the use of vitamins and supplements in growing livestock. This interactive lab puts the learning in the hands of the students using chicken production as the main concept, although it can be related to both animals and plants.

Afterburn: Are Biofuels Cleaner Than Fossil Fuels?

DuPont Agriscience Institute

Thursday, Oct. 26, 10:30 - 11:45 a.m., Room 143

There are many burning questions about food versus fuel – and ethanol is top of list. Are biofuels cleaner for the environment than conventional fuels? Compare ethanol to jet fuel in this hands-on exploration and data collection that will answer those burning questions.

Investigating Lactose: Does Milk Do EVERY “BODY” Good?

DuPont Agriscience Institute

Thursday, Oct. 26, 1:30 - 2:45 p.m., Room 143

Enhance your current dairy foods unit or food science class with this simple milk test. Learn how to use inquiry to get your students thinking about lactose intolerance and how it affects the world. This activity will enhance the science of food and give your students an opportunity to learn through hands-on applications.

Photosynthesis & Respiration – It’s a Plant’s Life!

DuPont Agriscience Institute

Thursday, Oct. 26, 3 - 4:15 p.m., Room 143

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.

Survey Says! The Public’s Perceptions of Agriculture

DuPont Agriscience Institute

Friday, Oct. 27, 9 - 10:15 a.m., Room 143

Today’s public has many misconceptions about food and agriculture. Unless we know what these misconceptions are and why they have them, we can’t solve the problem. In this activity, students will be surveying “the public” about their perceptions of agriculture – all in your classroom.

Power Up Agriculture with Solar Energy

DuPont Agriscience Institute

Friday, Oct. 27, 10:30 - 11:45 a.m., Room 143

Explore how photovoltaic cells can be used to improve agriculture and food security across the globe. Grab your students’ attentions with this fun hands-on activity that powers their brains. A great activity that can relate to all parts of your Agriculture, Food and Natural Resources curriculum.

Vet Tech Urine Checks

DuPont Agriscience Institute

Friday, Oct. 27, 1:30 - 2:45 p.m., Room 143

Explore the role of vet techs and how they protect an animal's health through conducting basic urinalysis tests. This simple activity walks your students through a hands-on simulation of five common procedures. This is a great activity to enhance your vet science course and career development event.

Put on Your Gardening "Genes"

DuPont Agriscience Institute

Friday, Oct. 27, 3 - 4:15 p.m., Room 143

Help your students understand the genetics behind gardening and corn production with this hands-on activity. Allow your students to take charge of their learning and help a gardener create the corn they want. You'll be so excited, you'll wet your plants!