

<b>Monday Workshops: 1</b>		<b>1:05 - 2:00</b>	
<i>Room:</i>	<i>Title:</i>	<i>Description:</i>	<i>Presenter:</i>
108 & 109	Growing Trees From Seed		Don Josko (Retired)
112	Perkins V Update and DE Update	Learn what is happening with the Transition to Perkins V. Learn what changes are being discussed that could affect your district. Find out also what is happening at the DE!	Pat Thieben: AFNR Consultant Iowa Department of Education Bureau of Career and Technical Education
113	Urban Ag Education	Issues that are different in urban school settings and how do we approach them?	Barb Lemmer, Jacob Hunter & Jen Westphal, Caitlin Remington & Kylie Miller
114	Using Google to keep your FFA chapter organized	Have you ever wondered how to get committee reports all in one spot, how to make quick and easy news articles, and how to survey your students? This is a hands on workshop where you will create your own forms to make your chapter more organized Increase efficiency and organization within your chapter using Google Add-Ons. Create your own google forms to make effective committee reports, news articles, and award applications using the Google add on "AutoCrat." Google Classroom Using Google Classroom to coach and organize LDE's and CDE's	Jacob Bower
<b>Monday Workshops: 2</b>		<b>2:05 - 3:00</b>	
<i>Room:</i>	<i>Title:</i>	<i>Description:</i>	<i>Presenter:</i>
108 & 109	Controlling Greenhouse Pests With and Without Chemicals:		Don Josko (Retired)
112	The Program Approval Process:	Learn what the DE is looking for when we do a Program Approval. We will go step by step through the document to identify the information that should be provided.	Pat Thieben
113	Research to Practices: Owl Pellets Style	Using the Owl Pellet's podcast format, you will learn about the research and expertise of ISU's Ag Education faculty. The primary focus will be on how you can use the research they have done to improve your teaching and/or program. Come learn about the faculty and who might have the same interests as you, especially if you're considering a master's degree.	Dr. Michael Retallick
114	Attitudes of Gratitude	What do you want more of in our life? How do practices of gratitude impact our daily lives?	Colleen Abbott: Professional Development Specialist-University of Missouri
<b>Tuesday Workshops: 3</b>		<b>10:35 - 11:30 am</b>	
<i>Room:</i>	<i>Title:</i>	<i>Description:</i>	<i>Presenter:</i>
108 & 109	Iowa Public Television Market to Market Classroom: Free Online Resources for Your Classroom	Market to Market Classroom connects your students with stories about the history, business, science and technology of agriculture from the nation's longest-running agribusiness television program, Market to Market. This standards-aligned set of free online media resources challenge students to explore a variety of topics and gain a deeper understanding of the issues that shape agriculture today. Come visit with the Market to Market producers and education team to see highlights of new content and classroom resources for you and your students.	Tiffany Morgan Dave Miller Paul Yeager Delaney Howell
112	Starting A New Program?		Kylie Miller and Caitlyn Remington

113	Journey 2050 / Farmers 2050	Journey 2050 takes students on a virtual simulation that explores world food sustainability. Through an inquiry based approach, make decisions that impact society, the environment and the economy at a local and global scale. Experience the lives of families in Kenya, India, and Canada. Learn best management practices and journey to feeding the world. Use Journey 2050 in your classroom and challenge your students with the at home version – Farmers 2050.	Will Fett: Executive Director for IALF
114	RPP Myths and Mysteries	At the request of the Iowa Council on Ag Education, Pat Thieben and Brea Harms created a PowerPoint to try to tell the truth (Myths and Mysteries) of the RPPs. There are misnomers and some concerns about the RPPs, and Pat and Steve will try to share what you can do to help your program.	Pat Thieben & Steve Kehoe
115	Creating a Buzz	Pollinators like bees, butterflies, and others are important to the overall health of the ecosystem and absolutely crucial for modern agricultural production. It is estimated that pollinators are responsible for roughly every third bite of food we consume. From alfalfa to zucchini and everything in between pollinators do the “work” of pollination. Learn about what pollinators are, the threats they face, what they need to thrive, and what you can do to help with the plight of the pollinators. Attendees will receive a free pollinator “toolkit” of useful information, publications, and options for landowners.	Jeff Jensen: Trees Forever
<b>Tuesday Workshops: Group 4</b>		<b>1:40 - 2:35 pm</b>	
<i>Room:</i>	<i>Title:</i>	<i>Description:</i>	<i>Presenter:</i>
108	Financial Fitness Group:	"At some point, financial stress impacts most Iowan's in some way or another. Managing day to day financial responsibilities while planning for the future can be challenging. It can affect physical health, spiritual health, family dynamics, workplace effectiveness and overall long term happiness and stability. The Iowa Insurance Division has made possible for the IAAE to offer the “Iowa Financial Fitness Challenge” to increase financial literacy and confidence. IAAE leadership believes that participation in this program can positively impact the financial aptitude and confidence of members and students. Come to this workshop to learn more about how you can benefit personally and professionally from this new program!"	William Weyer
112	Mid-American Energy		
113	Future Ready Iowa Clearinghouse	Learn about how AEA Learning Online is creating Scaffolded Career Pathways for students that include Professional Trainings, Business/Career Information, and Workplace Learning Experiences. These are created in partnership with businesses, with school districts, and with professional training providers. Come to share your needs in work-based learning and hear about exciting news from the state in supporting it. We need your input, and we are here to help! AND - Iowa is creating a virtual clearinghouse to expand access to high-quality, real-world work-based learning experiences for students in kindergarten through 12th grade, regardless of where they live. The Iowa Clearinghouse for Work-Based Learning, which will be available by July 1, will focus on high-demand careers, including those in science, technology, engineering and mathematics (STEM) fields. It is a virtual space where business partners will post projects for Iowa students to gain in-depth work experience while applying what they learn in school. Come hear about how you can get involved!	Jeff Welchans: PROJECT MANAGER   WORK-BASED LEARNING CLEARINGHOUSE IOWA DEPARTMENT OF EDUCATION & Craig Mohr: AEA Learning Online, Instructional Designer
114	In's and Out's – Using Simulation to Teach Bovine Artificial Insemination	Learn basic principles of teaching bovine Artificial Insemination to your students. Learn how simulated training tools can help bring A.I. to life in the classroom with the Bovine Breeder™ Artificial Insemination simulator. Learn the history and importance of A.I., the basic principles of proper technique and how to check for pregnancy. Walk away from this session with knowledge of best AI practices and proper technique of A.I. for cattle, certificate of session completion will also be available.	Clint Germain: Account Manager
<b>Tuesday Workshops: Group 5</b>		<b>2:55 - 3:50 pm</b>	
<i>Room:</i>	<i>Title:</i>	<i>Description:</i>	<i>Presenter:</i>

108 & 109	Work and Family Balance	Listen to a panel of agriculture teachers who are balancing the demands of teaching as well as a family. Gain ideas or ask questions around this topic. This workshop is meant to build support for ag teachers who are looking for balance in their professional and personal lives.	Susan Gruebel and Jessica Hebert
112	Assistant Advisor/Coach		Monty Collins and Ashley Wolfe
113	Making Agriscience Fair Work for Your Students	This presentation will include how to help students with research projects, completing the paperwork, and preparing them for the Agriscience Fair.	Alan Spencer, Andrea Spencer, Gail Kunch
114	Money Does Grow on Trees	Agroforestry is the marriage between agriculture and forestry. It is comprised of different practices and systems that work synergistically to provide a wide range of benefits from improved soil quality, to improved wildlife habitat (especially pollinators), and improved water quality all while providing some revenue back to the farm family. Establishing agroforestry practices and crops will get us closer to achieving the goals set out in the Iowa Nutrient Reduction Strategy. Learn about what agroforestry is, the practices that comprise it, the benefits it provides, and some of the perennial crop options available to Iowa landowners. Topics like enterprise worksheets, financial models, cost sharing, and more will be provided in a range of nut and berry crops.	Jeff Jensen: Trees Forever