

The County Agent


A PUBLICATION OF
THE NATIONAL ASSOCIATION
OF COUNTY AGRICULTURAL AGENTS

Volume LXXIX No. 1 April, 2018

NACAA - 6584 W. Duroc Road - Maroa, IL 61756 - (217)794-3700



NACAA
2018 AM/PIC
**Cultivate.
Innovate.
Celebrate!**



Chattanooga, Tennessee



July 29 - Aug. 2, 2018
Chattanooga, TN

NACAA on Track toward Chattanooga

The song Chattanooga Choo Choo has been recognized as the very first recording to go gold (selling over 1 million copies). NACAA members will find a golden opportunity awaiting them at the 2018 NACAA Annual Meeting and Professional Improvement Conference (AM/PIC) in Chattanooga. Members and their families should make plans to lay “tracks” to Chattanooga for July 29 through August 2. The Chattanooga Convention Center will provide a great venue for our meeting. The one hallway is easy to navigate and meeting rooms will be simple to locate. All hotels currently under contract are in very easy walking distance. Free electric downtown shuttles enable easy access to all of the downtown area.

The Tennessee members, NACAA committees, council chairs and officers have been working hard on the details to provide a fantastic conference filled with educational opportunities, entertainment for members and their families, wonderful meals and an atmosphere filled with southern hospitality.

Program-wise there are many sessions that should not be missed. The meeting kicks off Sunday evening with a great meal and fantastic entertainment from Balsam Range, an internationally recognized bluegrass group, whose last album was named album of the year. Their musical talent and harmony is beyond impressive.

The keynote speaker on Monday morning will be Dr. James (Pete) McConnell. I am confident you will want to hear his message. His straightforward, practical approach will provide insights and application to everyday life and work that will be of interest to everyone.

Along with the many educational luncheons normally provided, Tennessee has added two additional brown bag luncheons on Monday and Tuesday which will include interesting programs along with lunch.

Most members acknowledge the regional meetings on Monday afternoon are a highly informative part of the conference. The 4-H talent review on Monday evening will include youth from across the south.

Tuesday will be filled with presentations from our fellow members and educational luncheons coordinated by the NACAA committees. Downtown Chattanooga provides many options for states night out on Tuesday. However, don't forget to get back in time for the scholarship auction, which is always an interesting, enjoyable and often competitive event that raises funds for the scholarship program provided through the NACAA Foundation.



Alan Galloway
NACAA President

New program changes on Wednesday morning will provide a short but intensive general session, which includes the presentation of the Service to American/World Agriculture award. The comments and insights from past award recipients have been noted as being one of the best parts of an AM/PIC. The purpose of the shorter general session is to provide more member presentation sessions on Wednesday morning. An additional 24 presentation slots are being made available so members can attend a wider variety of educational presentations throughout the week.

While members are obtaining professional improvement and checking out the exhibits and posters, the spouses and children will be enjoying the sights of southeast Tennessee and attending interesting workshops. And let's not forget our life members who led the way for all of us. Their continued attendance and support of NACAA helps keep our association strong and viable. There is a multitude of activities, tours and meetings planned for them as well.

The Distinguished Service Award banquet on Wednesday, where we recognize the hard work and successes of over 60 NACAA members, is always a highlight of the AM/PIC. The educational tours on Thursday will conclude what I am sure will be an educational and memorable AM/PIC for all who attend.

Every NACAA AM/PIC provides opportunities to learn about successful programs from fellow members, hear interesting and motivating speakers, meet members from across the country and to recharge our energies for the year. Often a conversation in the hallway or at a meal leads to an idea that becomes the next successful program developed for your clientele.

I hope to see all of you in Chattanooga where we will “Cultivate, Innovate and Celebrate” everything that is NACAA.

The County Agent

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President: Alan Galloway

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Field cover photo courtesy of TACAA Member Justin Stefanski

Join us in Chattanooga, Tennessee!

Howdy, y'all! Southern hospitality and a Moon Pie await you at the 2018 AM/PIC in Chattanooga, Tennessee, where we will Cultivate, Innovate and Celebrate NACAA. We hope you will make plans to join us.

The members and friends of the Tennessee Association of County Agricultural Agents and Specialists (TAAA&S) are working hard to make the upcoming conference memorable. We look forward to showcasing Chattanooga, the Scenic City, and the entire state of Tennessee on your visit.

Sunday night begins our AM/PIC with a "Welcome to Tennessee" dinner. Gather with us as we enjoy a farm-to-table style meal, and visit the trade show area with a wide variety of exhibits and displays. The fun continues after dinner as the bluegrass music group Balsam Range entertains us with the Tennessee history of bluegrass, blues and country music.

New this year, the Life Member Program has joined forces with the Spouses Program for tours and selected activities. From Civil War history, horticulture, cheese, wine and the Tennessee Aquarium, explore the Tennessee Valley region with a wide variety of educational and fun-filled tours. The Life Member Breakfast and Spouses Luncheon will be held on Monday. Each has an exciting speaker who will entertain and inspire attendees.

The Sons and Daughters program will be one that everyone wants to attend! Chattanooga has a wide variety of family-friendly activities, and we will take in a variety of them. Visiting the Tennessee Aquarium, Tennessee Valley Railroad, and Lake Winnie are a few of the fun-filled adventures that await the Sons and Daughters.

Be sure to attend the 4-H Talent Revue on Monday night for outstanding entertainment selected from over 50 4-H member applicants representing the Southern Region. Cowboy Dan rounds up the talent and will put on a show you will not forget.

Choose one of more than 25 professional development tours scheduled for Thursday's professional improvement tour day. These tours are diversified and highlight Tennessee agriculture and other important historical points of interest, including family attractions. Tours will cover more than twenty-four East and Middle Tennessee counties and one Georgia destination, encompassing more than 4,200 miles. As we share some of Tennessee with you, we hope you will take home part of our state with you.

As you read through the information about our meeting, we hope you will make plans to come early and/or stay



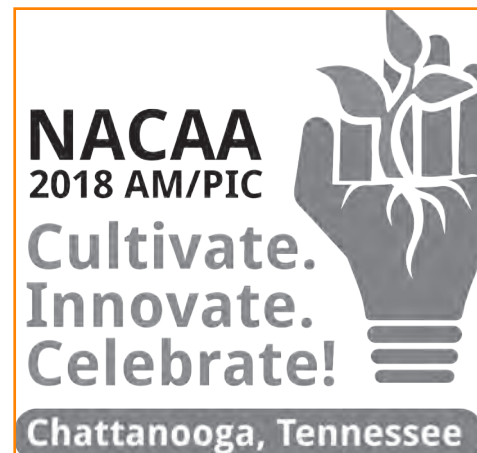
Jeff Via
AM/PIC Co-Chair



David Yates
AM/PIC Co-Chair

late to enjoy more of the beautiful scenery and attractions Tennessee has to offer. From the mountains and birthplace of country music in the east, to the rolling hills and home of the Grand Ole Opry in middle Tennessee to the delta and blues in western Tennessee, take time to explore all that our state offers.

Be sure to visit our website at ncaa2018.tennessee.edu for updates and links to our social media sites. See you in July!



Connect with Us (Website/SM Links)

Cultivate your conference experience now by visiting our website and connecting with us on social media for the most up-to-date conference information available. Check out the website for links to things to do and places to eat, including State's Night Out options.

Website: <http://ncaa2018.tennessee.edu/>

Facebook: <https://www.facebook.com/ncaa2018/>

Twitter: https://twitter.com/ncaa_2018

Instagram: https://www.instagram.com/ncaa_2018/

Opening Ceremony to Feature Award-Winning Band – Balsam Range



Join us as we celebrate the official kick-off of the 2018 NACAA AM/PIC at Sunday evening's Opening Ceremony. In addition to kicking off the AM/PIC, this session will feature our traditional flag ceremony honoring each state and territory of the great U.S.A.

The session will also feature the critically acclaimed Bluegrass band, Balsam Range. Named for the mountain range where the Great Smoky Mountains meet the Blue Ridge, the ascent of Balsam Range to the top of the Bluegrass world has left a well-marked trail of success since the band's inception in 2007. One of the genre's most award winning artists in recent years, including the IBMA's current "Album of the Year" recipient, the band has garnered ten International Bluegrass Music Association Awards on the heels of six critically acclaimed albums.

Balsam Range artfully creates traditional yet contemporary sounds – with fiery instrumentals alternating with deep, heavy ballads – overlaid with beautiful vocal harmonies. Their latest album, "Mountain Voodoo," remained on the Billboard charts for nineteen weeks. Three singles reached number one on the Bluegrass Today Charts, including "Blue Collar Dreams," which spent three consecutive months at number one.

From the "Moon over Memphis" to "I Hear the Mountains," and from "Caney Fork River," to "Other Side of the Mountain," Balsam Range is sure to please.



Welcome - First Timers!

The 2018 NACAA Annual Meeting and Professional Improvement Conference (AM/PIC) First Timer Committee and the Early Career Development Committee would like to extend a special invitation for you to attend the 103rd NACAA AM/PIC in beautiful Chattanooga, TN, one of the top destinations in the South. We are very excited about this year's event and confident that the program offers something for everyone. The orientation and welcome will be fun, fast-paced, and energizing as you learn more about NACAA AM/PIC. You will not need to worry about feeling confused or lost as a first-timer, as you will be matched with an experienced mentor for the conference! Yes, you will meet a fellow Extension professional that will help you successfully navigate your first AM/PIC. Excited yet? I know we certainly are, as these are perks that have not previously been offered to first timers! For someone new to the AM/PIC registration process, we understand that there are many decisions that must be made. To aid in your registration process, there are various resources available. The County Agent magazine

is a great place to start, along with the Ag Agent's conference website (<http://nacaa2018.tennessee.edu/>). Another great resource available to you is a free webinar developed by the National Early Career Development Committee. The hour-long webinar will highlight the benefits of attending an AM/PIC, highlight events and activities first-timers should attend throughout the week, and walk you through the steps of the registration process. The webinar will be held Monday, April 2 at 2:00 p.m. Eastern. Additional information about the webinar is being finalized and will be sent to all NACAA members via email.

If you have specific questions about Chattanooga, or about any of the events planned, please feel free to contact Chris Cooper at cmcooper@utk.edu or Chris Hicks at cbhicks@utk.edu. We hope to make your first AM/PIC a memorable experience, and we are here to help in any way we can!

Dr. James C. (Pete) McConnell to be Featured Keynote

Dr. James C. (Pete) McConnell was born in Comfort, TN, near South Pittsburg, where he grew up on a 100 acre farm surrounded by laying chickens, pigs, corn and soybeans. He grew up participating in the local 4-H club. One of the highlights was a trip to Chicago where his team placed 11th in the nation in the Poultry Judging. He graduated from South Pittsburg High School in 1961 and headed to the University of Tennessee at the age of 17. After graduating the top student of the College of Agriculture in June, 1965, Pete continued at UT on an NDEA scholarship, receiving his PhD in June 1970.

As an undergraduate he served as a member of the Livestock Judging team, Meats Judging team, President of Block and Bridle and member of Farm House Fraternity. His graduate work was in Animal Science with an emphasis on Swine Nutrition. After receiving his PhD, he began his career at Clemson University conducting research with swine and teaching undergraduate and graduate classes. Pete served as President of Gamma Sigma Delta and was named on the Honor Roll of Professors three times – a designation chosen solely by the students. After 34 years of teaching more than 8,000 students, he retired to his 35 acre farm near Pendleton, South Carolina.

Pete is active in his community serving as President of the Pendleton Farmers Society, one of the oldest in the country, with meetings in the oldest farmer's society building in America, built in 1822. He has served as a volunteer fireman since 1983 and is currently the Chairman of the Board of Directors of the Pendleton Fire Department.



Dr. James C. (Pete) McConnell

Pete's carpentry skills has made him a leader at Salkehatchie, a United Methodist mission, where youth are guided to repair homes of the indigent and less fortunate. He raises Bantam chickens for competition, sings in the church choir and teaches Sunday school. In his spare time, he falls asleep in the recliner. He and his wife, Jo, have three productive children and seven amazing grandchildren.

Risk & Reward: Small Unmanned Aircraft Systems (sUAS) for Agricultural Users

Wednesday - August 1 - 12:30 - 4:30 p.m.

The overall goal of the workshop is to introduce attendees to small unmanned aircraft systems (sUAS). It is estimated that 80% of commercial sUAS users will be in agriculture. This workshop will focus on risk-based trainings for current and future commercial users of this emerging technology. The workshop will include presentations on aircraft systems and a workflow demonstration since most initial users are uneasy about the technology. Participants should achieve an improved understanding of flight regulations, types of platforms and sensors, data processing, potential agricultural uses, and liability issues related to UAS. Participants will also make improved decisions to match the best sUAS with their needs. ***This workshop is supported by a grant from the Southern Risk Management Education Center (SRMEC).***

Topics:

- a.) Liability/risk: tort; privacy; need to license; shooting down a drone; insurance: b.) Regulations to fly:
- c.) Types of aircraft: BREAK/flight demonstration
- d.) Attendees (5) volunteer demonstration: e.) Types

of sensors: f.)
Agricultural applications/how will they be used:
g.) Software: h.)
Workflow: flight, image capture, processing and viewing.



Speakers: Dr. James Robbins, Univ. of Ark. System Coop. Ext. Serv., Extension Specialist-Commercial Ornamentals. Active using sUAS in research & extension since 2010. Remote Pilot Certified.

Dr. Joe Mari Maja, Clemson University, Research Sensor Engineer, Active using sUAS in Research & Extension since 2009. Remote Pilot Certified.

Rusty Rumley, BA, JD, LLM, The National Agricultural Law Center, Senior Staff Attorney. National resource for sUAS risk issues.

Dr. Mengmeng Gu, Texas Agrilife Extension

AM/PIC Pre-Tour Options

2018 HORTICULTURE & TURFGRASS PRE-TOUR

Day 1 Tours: Friday, July 27th, 2018

STOP 1: Otis L. Floyd Nursery Research Center:

Located about 80 miles southeast of Nashville on the edge of the Cumberland Plateau, the Tennessee State University Otis L. Floyd Nursery Research Center is a research facility dedicated to the improvement of the Tennessee nursery crop industry. This tour stop will include an overview of Center operations, tours of the laboratories, greenhouses and other research. <http://www.tnstate.edu/agriculture/nrc>

STOP 2: Wooden's Apple House:

Oren Wooden Apples is located in Bledsoe County, Tennessee. This tour stop will include an overview of the orchard operation and demonstration of the newly developed Intelligent Sprayer: an advanced and affordable spray system that employs intelligent technologies to automatically match spray output to plant architecture in real time. The Intelligent Sprayer provides critical technology to increase application efficiency and creates economic and environmental savings by benefitting producers, consumers and natural resources. woodensapplehouse@yahoo.com

Day 2 Tours: Saturday, July 28th, 2018:

STOP 1: UT Turf Research Plots

Turfgrass Science and Management, a concentration of study in the Department of Plant Sciences, is a diverse program that combines the study of grasses, soils, water and pests. Turfgrass managers are involved with the production and maintenance of grasses for recreational, aesthetic and environmental uses. This program is offered to those interested in careers in golf course, athletic field and commercial turf management. <https://ag.tennessee.edu/turf/Pages/default.aspx> <https://ag.tennessee.edu/arpc/Pages/default.aspx>

STOP 2: UT Organic Research Farm/Organic Crops Unit:

The Organic Crops Unit (OCU) is one of six farming units that comprise the East Tennessee AgResearch and Education Center. The 90-acre farm currently has 21 acres in production including 14 acres certified organic and 7 acres under conventional management. Facilities include 7 high tunnels and a greenhouse. Projects at the farm focus on: conservation tillage techniques, high-tunnel production, variety trials, evaluating the use cover crops for optimizing fertility, enhancing beneficial insect populations, reducing soil-borne pathogens, managing weeds, and assessment and encouragement of native bees. <http://organics.tennessee.edu/farm.htm>

STOP 3: Lakeshore Park

Lakeshore park is a collaboration between the state of Tennessee, the town of Knoxville, and recreational organizations that began 20 years ago. Currently the 185-acre park is home to baseball fields, soccer fields, a walking trail, playgrounds and a farmers' market. These facilities are on the grounds of the historic Lakeshore Mental Hospital, which was in operation from 1886 until 2013. Renovations to the trails, refurbishing of grounds and historic buildings, and riparian area maintenance are all projects slotted for future construction. <http://lakeshoreparkknoxville.org>

STOP 4: Tsali Notch Vineyard and Tasting Room

Tsali Notch is the largest muscadine vineyard in Tennessee and so much more. Named after an historic Cherokee leader, Tsali Notch is located in Monroe County, in the Tennessee Overhill Heritage Area and on your way to the Cherochala Skyway! The vineyard specializes in muscadine grapes, grown on over 6,000 vines on 21 miles of trellis, covering 35 acres of a 202-acre estate. The property has an average elevation of 1,150 feet and is ringed by sweeping mountain views. <http://tsalinotch.com>

Registration for this pre-tour can be found on page 32 of this edition of *The County Agent* or online at www.nacaa.com. Exact costs are still being determined and will depend on the number of participants. Tentative cost estimates are between \$150-\$250/person. Please register for the event and exact costs will be emailed to you and collected at a later date, along with additional details.

2018 NACAA ANIMAL SCIENCE PRE-TOUR

The Tennessee Association of County Agricultural Agents is excited to host the 2018 NACAA Animal Science Pre-Conference Tour on July 26th-28th. This year's tour will take a look at the livestock across the state of Tennessee. We will begin in far southwest Tennessee, then work our way to northern Tennessee in the central part of the state and finally head southeast to end in Chattanooga.

Tour participants will fly into Memphis on Thursday the 26th, where we will gather to make a short trip to a farm for dinner, an evening orientation and night's stay at a nearby hotel. The next morning, after breakfast, we will tour the farm and board our transportation for another short trip to a diversified historic plantation.

Our tour will continue with a bovine reproduction specialist, then on to a value-added dairy operation. As you can see by now, there is a lot to see in Tennessee, but this is only our first day! We will have dinner and spend the evening in Clarksville.

On Saturday, we will change directions to head southeast toward Chattanooga, making stops at several cattle seedstock operations, along with freezer beef and tobacco farms. The

final stop will be at an integrated dairy and cheese producer. We will arrive in Chattanooga just about bedtime.

We hope you will take the time to join us on the Animal Science Pre-Conference Tour, and experience the rich diversity of Tennessee livestock production. See you in Chattanooga!

Registration for this pre-tour can be found on page 32 of this edition of *The County Agent* or online at www.nacaa.com. Exact costs are still being determined as sponsorship is being solicited. Tentative cost estimates will range between \$150-\$250/person. If you have interest in participating - please register for the event and exact costs will be emailed to you and collected at a later date.

SUSTAINABLE AGRICULTURE - SARE PRE-TOUR

NACAA and SARE are excited to offer a Sustainable Agriculture Pre-Tour for up to 12 Agriculture Extension Agents/Specialists on Friday, July 27-Saturday, July 28, 2018 in Tennessee. Participants should arrive Thursday, July 26th in time to depart early morning Friday, July 27th. Tour van/bus will be centralized at the NACAA headquarters hotel (Marriott) in Chattanooga and will return to that location Friday night – then travel again on Saturday to several sustainable agriculture locations within a 100 mile radius of Chattanooga.

Tentative tour stops shall include: Friday, July 27

*Intensive Organic Vegetable Production
Diversified Family Farming
Community Supported Agriculture*

Saturday, July 28

*Growing Sustainable Vegetables on an Urban Farm
Farming on Campus: The University of the South: Sewanee
University Farm, University Garden, Small Livestock
Edible Landscaping*

You may register on-line thru the AM/PIC registration process - or by checking the box on the registration form found within the registration page 32 of this edition of *The County Agent*. Registration cost is \$100/person and will include 2 nights lodging (Marriott - shared double occupancy). If you are sharing with family or prefer to room by yourself, only 1 nights lodging will be covered by the registration fee. Friday and Saturday lunch will also be included (you will be on your own for breakfast/dinner on both days).

NATURAL RESOURCE COMMITTEE PRE-AM/PIC SEMINAR & TOUR: JULY 27-28

This program is designed to provide the opportunity for NACAA members to study and analyze natural resources, water resources, aquaculture, protected species, cover crops/soil health and forestry systems in the AM/PIC host state of Tennessee and the bordering state of Georgia.

The 2018 Natural Resource Pre-Tour will bring participants to Tennessee and Georgia border areas--areas known for exceptional beauty. On this tour, we will start on Friday with lunch at **Jim Oliver's Smoke House**, serving Farm to Table regionally-authentic food; American, Barbeque and Vegetarian with amazing fried pies. We head from there to the **South Cumberland State Park** that is a 25,539-acre park boasting the best hiking and backcountry camping in the region. We will visit the **Stone Door** areas of the Park, which offer approximately 55 miles of hiking with remarkable vistas, waterfalls and historic locations. We will then finish up our half day tour with visits to **farms** in Coffee County (what's not to love about a county named coffee?) to talk about **cover crops, erosion and soil health** and then return to Chattanooga. Saturday, we will start the day with a visit to **Cohutta, GA University Research Center**, where TN has an aquarium along with other research being conducted. There are **36 ponds and 5 raceways** with various demonstration and research projects, experimental koi breeding, pond production and recirculating sturgeon aquaculture. We will then visit **The Conasauga River** where there will be an opportunity for **snorkeling** along with **in-stream macro-invertebrate sampling**. The Conasauga River runs through southern TN and north western GA. The river is 93 miles long and home to 90 species of fish with much of its watershed protected forested area (Chattahoochee and Cherokee National Forests). We will then head to **Carter's Lake**, the deepest reservoir lake in Georgia, located in the **Blue Ridge Mountains**. The maximum depth is 547 feet and the average depth is 200 feet. The lake is managed by the US Army Corps of Engineers for watershed control for flooding and power generation. Fishing, water-skiing, hiking and camping are allowed on the lake, but there are no residences or private docks on the lake shoreline.

The tour will originate at the conference hotel, so those interested will need to make plans to arrive in Chattanooga on July 27 for a noon departure. We will return to the hotel that evening. We will leave for a full day tour at 8 AM on Saturday, July 28th and return to the hotel approximately 8:30 PM. We are still finalizing plans and costs. For more information, please email Pat Rector at rector@njaes.rutgers.edu. A detailed agenda, including costs, will be emailed to membership prior to AMPIC registration opening.

Educational Luncheon Opportunities

Monday, July 30

Partnering to Spread 4R Knowledge

Sponsored by The Fertilizer Institute

Hear from a panel of experts on the challenges and successes to using 4R research, developing 4R educational programs and implementing a 4R Nutrient Stewardship strategy on farm. Learn how successful partnerships across the agricultural industry are providing technical education and on-farm guidance from the perspective of a researcher, an agronomic service provider, and a farmer. Find out more at <http://www.nutrientstewardship.org/4rs/>.

Collaborative Efforts to Reach Citizens with Consumer Horticulture Information

Sponsored by UT Extension

In this session, we will share ideas, efforts, and lessons learned in supporting local Extension personnel in reaching consumer horticulture stakeholders. The Tennessee Extension Residential and Consumer Horticulture Leadership Team has been working together for nearly three years to develop “off-the-shelf” teaching resources and citizen science projects for vegetable gardens and residential landscapes. These tools connect stakeholders to both the research and outreach aspects of our land-grant mission, while strengthening our Extension Master Gardener program. Our goal is to ensure that our teaching resources support both county Extension personnel who lead EMG volunteers and those who conduct horticulture outreach without local volunteers.

Tuesday, July 31

Tennessee Advanced Master Beef Producer Program

Sponsored by UT Extension

Tennessee Advanced Master Beef Producer is a multi-session educational program delivered to beef cattle producers, by their local UT Extension County Agent, as a second-generation training based on the Tennessee Master Beef Producer program. An overall framework for the program was developed by county agents and state specialists to accommodate flexibility for meeting local needs assessment, while still maintaining continuity and rigor across the state. In this session, we will discuss how the program was initially developed, external incentives that drive a relatively high adoption rate, improvements that have been made in the first three years of delivery, and plans for future improvements. Our objective is to present these in a way that will enable attendees to develop similar programming in their states or counties.

Tennessee State University College of Agriculture Program Showcase

Sponsored by Tennessee State University College of Agriculture

This session will highlight teaching, research and extension programs offered by the Tennessee State University College of Agriculture.

The TSU College of Agriculture offers BS, MS and Ph. D degree programs in a variety of fields including Agricultural Education, Biotechnology, Environmental Sciences, Food and Animal Sciences and Family and Consumer Sciences. The College conducts both basic and applied research in national challenge areas of Food Security, Sustainable Environment, Renewable Energy, Human Health and Nutrition, and Food Safety in its 27 state-of-the-art research laboratories and three agricultural research and education centers. Through its cooperative extension program in 50 counties of the state, the College disseminates science-based crop and animal production, environmental sustainability, and youth, family, and community development information.

AM/PIC Super Seminar: Sustainable Agriculture - SARE Reading the Farm Super Seminar

Often envisioned as a three-legged stool, sustainable agriculture has three objectives: farm profitability, environmental stewardship and strong farming communities. Helping farmers improve the sustainability of their farm requires a whole-systems approach that recognizes the complex interactions among the physical, biological, economic and social components.

The primary goal of the Reading the Farm program is to enhance the ability of extension to understand farms as holistic systems so they can help farmers improve the sustainability of their farms.

Reading the Farm will be conducted as a super-seminar to provide the background information required to plan and facilitate a Reading the Farm program. **There will be a required farm visit on the day of the Professional Improvement Tours (Tour 28) to complete the requirements of the program.**

Space is limited to 50 people, and pre-registration is required. See page 33 to register.

Additional Super Seminars are being planned for the AM/PIC. More information will be available in the June edition of *The County Agent* and also sent out via e-mail by NACAA.

“Our Future Starts Now – AgVocate”

Educational Breakfast sponsored by Bayer CropScience LP
Monday - July 30, 2018 6:30 - 7:45 a.m.

In a society that’s increasingly urban, distanced from agriculture, concerned with food issues and increasingly antagonistic towards conventional agriculture and those involved with it, it’s critically important for American farmers and ag professionals to speak out and share their passion for this great industry and its importance to our global society. Bayer will speak to its recently launched “AgVocate,” an initiative designed to inform, encourage and enable these voices within American agriculture to engage in the public dialogue about agriculture, food production and the importance of innovation to tackle the massive challenges facing our world today. (Seating available for 150 max.)



Tennessee Evening Dinners

Cultivate your appetite before joining us for **Sunday and Monday’s evening meals**. Sunday’s “Welcome to Tennessee” dinner, sponsored by UT Extension, will feature locally-sourced ingredients for a farm-to-table-inspired meal. Southern region states roll out their southern-style hospitality by sponsoring Monday evening’s meal. Come hungry and prepare to enjoy good food and fellowship.

Annual Awards Banquet

Join us at the annual awards banquet on Wednesday, August 1, as we celebrate Distinguished Service Award winners and another successful year of NACAA. Dinner will include Prime Rib and a selection of Tennessee wines thanks to a generous donation by the Tennessee Wine Growers Association. Learn where you can find Tennessee wineries at www.tennesseewines.com.

Farewell Dinner

A trip to the south is not complete without some delicious barbeque and first-rate fellowship. Professional Improvement Tour day will conclude with dinner sponsored by our friends at the Tennessee Farm Bureau Federation. Dinner will be held at Camp Jordan, a 34,000 square foot air-conditioned arena, located 10 miles southeast of the Convention Center.



Exciting Plans for the Trade Show

The 2018 NACAA AM/PIC trade show will highlight agriculture and green industry companies from across the nation as well as nonprofit and government organizations. Innovative exhibits will showcase a mobile biodiesel unit, a multi-unit hydroponic system working display, an indoor landscape installation, plant pest diagnostics display with hundreds of specimens and much, much more. Attendees will also find fun activities for the whole family, such as a giant inflatable Smoky the Bear with a genuine, antique mountaintop firetower, local wildlife exhibit, state parks exhibit, Farm Bureau Combine AgSimulator, mobile agriculture literacy trailer, and a photo booth to capture conference memories. The ice cream socials on Sunday and Monday night will be a great time for families to explore the trade show. Additionally, tabletop exhibits highlighting University of Tennessee and Tennessee State University Extension programs will be located throughout the convention center. Check out your registration packet upon arrival for details on how you can win awesome door prizes just for visiting the trade show.

4-H Talent Revue Sure to Impress

Join us Monday, July 30 for an evening of entertainment celebrating talented 4-Hers from across the southeastern United States. A total of 14 acts, including an Arkansas ventriloquist, a Florida ukulelist, a Georgia entertainer, a Kentucky crooner, a Mississippi dancer, a North Carolina songstress, a Tennessee clogger and more, will get your toes tapping and your hands clapping at the 2018 NACAA 4-H Talent Revue. Tennessee Extension’s own Dan Harrell, also known as the entertainer Cowboy Dan, will emcee the event.

103rd Annual Meeting/Professional Improvement Conference TENTATIVE PROGRAM

FRIDAY, JULY 27

7:00 am - Pre-Conference Livestock, Horticulture, Natural Resources & Sustainable Ag Tours

8:00 am - 5:00 pm NACAA Board Meeting

SATURDAY, JULY 28

7:00 am - Pre-Conference Livestock, Horticulture, Natural Resources & Sustainable Ag Tours

8:00 am - 5:00 pm NACAA Board Meeting

12:00 pm - 7:00 pm Registration at Chattanooga Convention Center

SUNDAY, JULY 29

8:00 am - 7:00 pm Registration at Chattanooga Convention Center

8:00 am - 5:00 pm Life Member & Spouse Hospitality Room

9:00 am - 1:00 pm Commercial Exhibits & NACAA Educational Exhibits, Poster Set Up

9:00 am - Noon Regional Directors and Vice Directors Workshop

9:00 am - 5:00 pm Scholarship Selection Committee

9:00 am - Noon Nominating Committee Meeting

Noon - 2:00 pm Past National Officers and Board Luncheon (Ticket Required)

Noon - 2:00 pm National Committee Chairs and Vice Chairs Luncheon and Workshop (Pre-registration required)

1:00 pm - 6:00 pm Commercial Exhibit Trade Show and NACAA Poster Session Display - Open

2:30 pm - 3:00 pm Break

1:30 pm - 3:00 pm State Officers Workshop

2:00 pm - 5:00 pm Program Recognition Council Workshop

2:00 pm - 5:00 pm Extension Development Council Workshop

2:00 pm - 5:00 pm Professional Improvement Council Workshop

2:00 pm - 3:00 pm NACAA Educational Foundation Annual Meeting

3:00 pm - 4:30 pm First Timer Orientation and Reception

4:30 pm - 6:30 pm Welcome to Tennessee Dinner - Sponsored by UT Extension (Ticket Required)

5:30 pm - 6:00 pm State President Rehearsal for Flag Ceremony

6:00 pm - 6:15 pm National Leadership Rehearsal

7:00 pm - 8:45 pm Opening Session and Inspirational Program

8:45pm - 9:30 pm Parents Orientation for Sons and Daughters Program

8:45pm - 9:30 pm Ice Cream Social

9:00 pm - 11:00 pm State Pictures

9:30 pm - 11:30 pm Hospitality Rooms Open (Marriott)

10:00 pm Tennessee Meeting

MONDAY, JULY 30

6:30 am - 7:45 am Voting Delegates Breakfast (By invitation)

6:30 am - 7:45 am Bayer CropScience LP AgVocate Breakfast (Ticket Required)

6:30 am - 8:00 am Life Member Breakfast (Ticket Required)

8:00 am - 5:00 pm Registration at Chattanooga Convention Center

8:00 pm - 5:00 pm Life Member and Spouses Hospitality Room

8:00 am - Noon NACAA Poster Judging

8:30 am - 4:30 pm 4-H Talent Revue Rehearsal

8:00 am - 10:00 am General Session

9:00 am - 5:00 pm Commercial and NACAA Educational Exhibits Open

10:00 am - 10:30 am Break and Meet the Authors Poster Session

10:30 am - 11:40 am Trade Talk Concurrent Sessions

11:45 am - 1:15 pm Agriculture Awareness & Appreciation Award Luncheon (Ticket Required)

11:45 am - 1:15 pm First Time Attendee Luncheon (Ticket Required)

11:45 am - 1:15 pm Professional Improvement and Search for Excellence Luncheons (Ticket Required) Crop, Farm and Ranch Management, Landscape Horticulture

11:45 am - 1:15 pm Excellence in 4-H Programming Luncheon (Tickets Required)

11:45 am - 1:15 pm Educational Luncheon Seminars (Ticket Required)

Noon - 1:30 pm Spouse/Guest Luncheon (Ticket Required)

1:30 pm -2:30 pm Committee Workshops for all NACAA Members

1:45 pm - 3:15 pm Life Members Business Meeting

2:30 pm - 3:00 pm Break

3:00 pm - 5:00 pm Regional Meetings and Candidate Presentations

5:00 pm - 7:00 pm Evening Meal - Sponsored by Southern Region (Ticket Required)

7:30 pm - 9:00 pm 4-H Talent Revue (Ice Cream Social following)

9:00 pm - 10:30 pm State Pictures

9:30 pm - 11:30 pm Hospitality Rooms Open (Marriott)

10:00 pm Tennessee Meeting

TUESDAY, JULY 31

6:30 am - 7:45 am	Poster Session Breakfast (Ticket Required)
7:00 am - 8:00 am	Achievement Award Recognition Breakfast (By Invitation)
8:15 am - 4:30 pm	Load buses for Life Member/Spouse Tours
8:00 am - 5:00 pm	Registration at Chattanooga Convention Center
8:30 am - 11:30 am	Delegate Session
8:30 am - 11:30 am	Excellence in 4-H Program Workshop
8:30 am - 11:30 am	Extension Development Council Seminars Administrative Skills Early Career Development Teaching & Educational Technologies Ag Issues & Public Relations
10:00 am - 10:30 am	Break and Meet the Authors Poster Session
9:00 am - 4:00 pm	Commercial and NACAA Educational Exhibits Open
9:00 am - 4:00 pm	NACAA Poster Session Open
11:45 am - 1:15 pm	State Presidents and Vice Presidents Luncheon (Ticket Required)
11:45 am - 1:15 pm	Communication Awards Luncheon (By Invitation)
11:45 am - 1:15 pm	Search for Excellence in Livestock Production (Ticket Required)
11:45 am - 1:15 pm	Search for Excellence in Young, Beginning or Small Farms/Rancher Program (Ticket Required)
11:45 am - 1:15 pm	Search for Excellence Forestry/Natural Resources (Ticket Required)
11:45 am - 1:15 pm	Educational Luncheon Seminars (Ticket Required)
1:30 pm - 4:00 pm	Professional Improvement Council Seminars Agronomy and Pest Management Ag Economics Animal Science Natural Resources/Aquaculture/Sea Grant Horticulture and Turf Grass
2:30 pm - 3:20 pm	Break
4:00 pm - 6:00 pm	Commercial Exhibits close and take down
4:30 pm	States Night Out
7:00 pm	Silent and Live Auction Preview
8:00 pm	Live Auction
10:00 pm	Tennessee Meeting

WEDNESDAY, AUGUST 1

6:30 am - 8:00 am	National Committee Members Breakfast Recognition of Retiring Chairs, Vice Chairs and Special Assignments (Ticket Required)
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8:00 pm - 5:00 pm	Life Member Hospitality Room
8:30 am - 10:00 am	NACAA Policy Meeting
8:15 am - 10:00 am	General Session
10:00 am - 11:30 am	Member Presentation/Seminars
9:00 am - 5:00 pm	Registration at Chattanooga Convention Center
11:45 am - 1:30 pm	Search for Excellence Luncheon-Sustainable Agriculture (Ticket Required)
11:45 am - 4:00 pm	Administrators' Lunch/Session (By invitation)
11:45 am - 1:15 pm	Search for Excellence Farm Health & Safety Luncheon (Ticket Required)
11:45 am - 1:15 pm	Ag Pipeline Alliance Luncheon - (Ticket Required)
12:30 pm - 4:00 pm	Drone Super Seminar
1:00 pm - 4:00 pm	Super Seminar – Sustainable Agriculture (SARE)
1:00 pm - 2:00 pm	Life Member Travelogue
4:30 pm - 5:00 pm	Formal Picture Opportunity
5:00 pm - 6:30 pm	DSA & AA Recipients, Hall of Fame Recipients, NACAA Board Members, Region Directors, Past Officers, Special Assignments, Special Guests, Council Chairs, Committee Chairs and Vice Chairs Assemble for Banquet
6:30 pm - 9:00 pm	Annual Banquet
9:15 pm - 11:00 pm	President's Reception
10:00 pm	Tennessee Meeting

THURSDAY, AUGUST 2

5:45 am - 8:45 am	Breakfast – in Chattanooga Convention Center
6:30 am - 9:00 am	Assemble for Professional Improvement Tours
8:00 am - 6:00 pm	Professional Improvement Tours
4:45 pm	Shuttle buses for Tennessee Farewell Dinner for non-tour participants
5:00 pm - 7:30 pm	Farewell Dinner (Ticket Required)
10:00 pm	Tennessee Meeting

FRIDAY, AUGUST 3

8:00 am - 5:00 pm	NACAA Board Meeting
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SATURDAY, AUGUST 4

8:00 am - 12:00 pm	NACAA Board Meeting
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2018 NACAA AM/PIC Professional Improvement Tours

Experience some of Tennessee's innovation in agriculture, industry and tourism during professional improvement tours scheduled for Thursday, August 2. Choose among 27 options developed to appeal to a variety of interests. Lunch and refreshments will be provided for each tour. Please read tour descriptions carefully for special notes related to length of tour, special footwear needs, and amount of walking expected.

Tour 1: Great Smoky Mountain Getaway



The Great Smoky Mountains Heritage Center (GSMHC) will be the first stop on this tour. The GSMHC is a jewel tucked away in the mountains of East Tennessee. It is located in the historic and scenic community of Townsend, which is a gateway to the Great Smoky Mountains National Park. The Center is first and foremost a museum, whose mission is to preserve, protect and promote the unique history and rich culture of the people who inhabited the Great Smoky Mountains and the surrounding area. You'll can travel back in time to learn about Cherokee culture and the migration of European settlers. While visiting the Heritage Center, you'll have the opportunity to view the Main Gallery, home to the Native Americans of East TN Collection and the East TN Mountain Culture exhibits. Next participants will make the ride up to Cades Cove. Cades Cove is a broad, verdant valley surrounded by mountains and is one of the most popular destinations in the Great Smoky Mountains National Park. It offers some of the best opportunities for wildlife viewing in the park. While touring along the 11-mile loop road by chartered van, you will have the opportunity to view/visit three churches, a working grist mill, barns, log houses, and many other faithfully restored eighteenth and nineteenth century structures. So, whether you're a regular to Cades Cove or a first-timer, this guided tour will provide you the opportunity to experience the ecology and history

of Cades Cove as never before. **This tour will contain a 2-hour bus ride to the destination and a minimal 2 hour ride back. There will also be moderate walking, so comfortable shoes are recommended.**

Tour 2: Walk On!

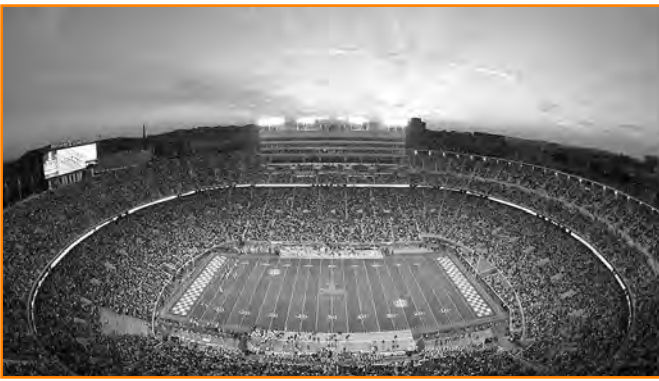
This tour will give participants a taste of three important components of Tennessee agriculture and Tennessee culture. The tour will begin with a visit to ThorSport Farm, a Tennessee walking horse training and breeding facility recognized for its sense of community, exceptional facilities, and world class care. ThorSport Farm is home to about 60 independently owned horses of various breeds. Fred Adams Cattle Company will



be the next stop, showcasing Tennessee's largest agriculture sector. Mr. Adams is a local cow-calf producer using innovative grazing and commodity feeding techniques and artificial insemination to constantly improve genetic quality. The tour will change focus from agriculture to small town heritage and cultured arts with its next stop at the Cannon County Arts Center. The visit will include lunch and then a short walk through the center, where participants will learn why Woodbury is known as one of the top small arts towns in the nation. Finally, the tour will visit the Tennessee State University Nursery Research Center, a national leader in horticulture research. The center is located in Warren County, known as the Nursery Capitol of the World and home to more than 300 nursery production facilities. This tour will include moderate walking. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 3: Sports Turf and Organics Research

The sports turf portion of this tour will be hosted on the University Of Tennessee Institute of Agriculture (UTIA), East Tennessee AgResearch and Education Center (ETREC) Plant Science Unit, Knoxville, TN. Stops also include a planned visit to Neyland Stadium on the University of Tennessee campus. Participants will observe and hear of on-going and planned investigations focused on researching athlete performance and safety testing on natural and artificial turf surfaces. Faculty researchers will share how they work closely with experts and industry professionals to advance



the understanding for sports turf surface performance and safety criteria. Next, on the Organic Crops tour, participants will visit the UTIA's ETREC Organic Crops Unit. This unit is situated on a 92-acre tract that includes seven high tunnels, a greenhouse and head house, a vegetable grading and packing facility, as well as one residential house. The primary research undertaken at ETREC-Organic Crops Unit includes vegetable-based field and variety research trials, organic management techniques, organic and sustainable forage research, no-till corn and soybeans, management practices for production of corn and soybeans with emphasis on fertility and weed control, bee and wildflower management, student market garden, tomato variety testing, vegetable production on biodegradable mulches, and extensive use of cover crops for prevention of erosion, improving organic matter content of the soil, and for overall sustainability. **This tour will contain a 2-hour bus ride to the destination and a minimal 2 hour ride back. There will also be moderate walking, so comfortable shoes are recommended.**

Tour 4: Commercial Nursery Production in Middle Tennessee

The middle Tennessee nursery industry has more than a 140 year history. Five counties contain 292 nurseries growing 13 million containers on more than 33,500 acres.



Producers here have a part in raising more than 285 plant genera, 606 species, and 1,368 selections (varieties & cultivars), pinning the nickname of this area as the "Nursery Capital of the World." The first stop will be Herd Farms Nursery, a family owned propagation nursery producing 1.5 million liners of 100 different varieties of woody ornamentals. They root cuttings in 300 ground beds and

sell them bare root after 1-2 years to producers that will either pot them or line them out in rows for 3-5 years. Next, participants will travel to neighboring Walnut Hill Nursery. Walnut Hill Nursery produces 124 selections of 23 genera of shade and flowering trees by the budding method of propagation. After lunch, the tour will take participants to Freedom Tree Farms. Freedom Tree Farms buds 1.3 million fruit trees annually and 350,000 berry plants, which are sold bareroot or potted. The last stop on this tour will be to Walker Nursery. Walker Nursery was established in the early '60's with less than 50 acres and has grown into a 500 acre field grown B&B (Ball & Burlap) operation producing many of the desired shade and ornamental trees, flowering shrubs and evergreens. The tour will provide some advantageous and scenic views along the route. **This tour will require light to moderate walking, and appropriate farm shoes are recommended.**

Tour 5: Steaks and Sticks



Participants in this tour will visit the heaviest populated area of Tennessee for beef cattle production. The first stop will be Deer Valley Farm in Lincoln County, founded by a rocket scientist turned cattleman who worked on the Tomahawk cruise missile and the PATRIOT air defense system. Deer Valley Farm is a progressive Angus production operation with close to 2,500 head of cattle with a focus on superior Angus genetics. The farm is fully integrated and grows the majority of its feed on part of the 5,500 acres that make up the farm. The second stop will be at the UT Dairy AgResearch and Education Center near Lewisburg. Formally known as the host of the country's oldest Jersey herd, it is now the home of the recently established Beef Heifer Development Center. This new Center's focus is on improving cattle reproduction. Native grasses play a large role in the development of these heifers. One of the highlights of this tour will be lunch at Corner Pit BBQ in Bryson. Corner Pit is a farm to table restaurant opened in 2009 and is gaining a nationwide reputation. The business is owned by a dynamic Extension and 4-H family who are raising grass-fed low-line Angus cattle for use in the restaurant. The final stop will be at a sustainable forest product operation that manufactures drum sticks, among other products, for 35% of the world's market.

Promark Percussion is a small company located in Elkton that is owned by D'Addario, a worldwide music company whose clients include drummers such as Phil Collins, Neil Peart of the rock band Rush and William Ellis of Montgomery Gentry. **This tour will require about a two hour ride by bus each way and includes moderate walking in farm field situations. Closed toe shoes are advised.**

Tour 6: Commodities, Corks, & Cockpits



The “Commodities, Corks, and Cockpits” tour will begin at Woodall Grain Company, a large granary owned and operated by a local farming family. Learn how the Woodall family serves their neighbors and how they expanded their grain marketing business exponentially in the last twelve years. Afterward, we will drive down to Summitville Grain and Feed Company. Owned and managed by women, this one-stop shop has become a staple in our farming community. We will see how they manage in-store sales, application services, crop insurance, and grain storage all in one location. Next, we will visit Mark Myers, a local farmer who produces more than 100,000 bales of hay each year. Mr. Myers is extremely innovative and uses modern equipment and technology to remain efficient at this business. Lunch will be provided by the Tennessee Pork Producers and served at Beans Creek Winery. Beans Creek is continuing a family tradition of creating craft wines from local grapes. Following lunch, we will tour Arnold Engineering Development Center (AEDC) at Arnold Air Force Base. AEDC has test facilities ranging from large wind tunnels and altitude jet and rocket test cells to space chambers, ballistic ranges, and arc heaters to small research test cells. Participants will learn about the work AEDC does and its importance to America’s air and space superiority. **Comfortable, closed-toed shoes are required for this tour. Additional documentation and a background check for each participant is required to tour AEDC. You will be contacted by the tour host for some additional information. Registration for this tour will not be accepted after early registration deadline to allow for background checks.**

Tour 7: Diversified Agriculture on the South Cumberland Plateau Supported by SARE



Participants of this tour will get a small taste of the rural life in Grundy County, Tennessee, near the Southern gate of the Cumberland Plateau. Being diversified in this area is extremely important, and you will see this beginning with the first stop at Silver Bait, LLC, which is one of the largest worm farms in the nation. The owner of this 350 acre red worm farm is one of the most innovative farmers you will meet. The farm is challenged to use little to no pesticides and gather enough organic based fertilizers and soil amendments in the area to maintain sustainability. Next, the tour will feature a stop at Double-A-Farm, a freezer beef and small cow-calf operation that truly defines what beef cattle farming is like on the plateau. The husband and wife farm entrepreneurs raise several breeds of cattle from Long Horns to Black and Red Angus and some Charolais on 369 beautiful acres in Coalmont. Double-A-Farm is totally sustainable from the stand point of energy savings, as they run the entire operation off solar panels installed on one of the barns and use old natural gas wells on the farm as a backup heat source. After a beef lunch at Double-A, tour participants will have a short ride towards Tracy City to High Meadows Farm. This small farm specializes in growing flowers, blueberries, raspberries, vegetables, pumpkins and gourds, and maintain an on-farm sales stand throughout the harvest season. This farm also offers agriculture education in an agri-tourism style setting for school groups and others. They are pinched with marketing constraints, affordable labor, farm safety, product liability, and minimal usage of pesticides. The last two stops on this tour will include a historic bakery and a quick stop at one of the state natural areas, Foster Falls overlook. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 8/9: Combining Industry with Agriculture in Historic Lynchburg



See big industry and agriculture working together in historic Lynchburg, TN. Jack Daniel's is the largest whiskey maker in the world, and they depend on local farmers to feed their by-product to cattle. You will see how Jack Daniel's is made and how farmers background cattle and produce dairy replacement heifers. You will be in a production plant and on farms so wear closed toed shoes. Walking will be involved on farms and in the plant itself. Don't worry about losing weight because we will feed you a good country meal. Lynchburg is a 2 hour bus ride from Chattanooga.

Tour 10: UT Research, Beef and Forages, Master Gardener Trials, Vegetables and Wine *Supported by SARE*



The Plateau AgResearch and Education Center (PREC), located in Cumberland County, will be the first stop on this tour. Established in 1943, the PREC includes 2,100 acres in three locations in Cumberland County. The PREC has a wide array of research and active programs including beef reproduction and nutrition, silage corn, wheat, fruits, vegetables,

ornamentals and food safety research. PREC has the largest field trial site in the country dedicated to rose rosette research. Tour participants will have lunch onsite at the UT Gardens, also referred to as the Plateau Discovery Garden (PDG). In 2017, the PDG received an "International Master Gardener Search for Excellence Award" for demonstration gardens. A short walking tour led by Cumberland County Master Gardeners will feature the Plateau Discovery Garden and describe the special working relationship and educational programs conducted by Master Gardeners, UT Extension and UT AgResearch. Next, tour participants will visit a green bean packing shed and get an overview of "snap bean" production in the Upper Cumberland area. Here participants will have an opportunity to ask questions regarding the bean growing, harvest, cleaning, and processing within the shed. The farm vows to remain sustainable by using practices preventing soil erosion and improving soil quality by utilizing minimum tillage, cover crops, crop rotation and improved picking equipment. Before heading back to Chattanooga, attendees will stop and tour Stonehaus Winery. Mr. Fay Wheeler, considered by many to be the "grandfather of Tennessee wine," began making wine in 1977. He opened Stonehaus Winery in Crossville in 1991. Specializing in southern wines, Stonehouse is considered one of the oldest wineries in Tennessee. **This tour includes moderate walking, and closed toed shoes are advised.**

Tour 11: Sausage, Energy, Value-Added Beef, and Forage *Supported by SARE*



Our day will begin with a tour of Wampler's Farm of Lenoir City, Tennessee, well known for its sausage but also as being a leader in energy conservation and generation. Wampler's has five acres of solar panels (500 kW) and is home of the first commercial installation of Proton

Power’s revolutionary cellulose-to-hydrogen power (CHyP) clean energy system. We will then travel to East Tennessee Livestock Center in Sweetwater, in business since 1962, to learn about beef marketing in the Sweetwater Valley through weekly and special sales and have lunch. This livestock center is always trying to find ways to showcase their customers’ cattle in order to get the maximum price for their livestock and to make the marketing process as easy as possible. The Color Wheel Farm in Vonore will be our next stop. Color Wheel Farm is a 1,000 acre beef, row crop, and switchgrass farm. Color Wheel runs over 100 cow-calf pairs in an Angus-based breeding program crossed with Hereford, Gelbvieh and Simangus genetics. They graze their cattle on a variety of cool and warm season grasses. Our final stop will be at the Southern Hay Company outside Madisonville to view their hay operation and value-added forage enterprise. Southern Hay Company raises acres of high quality hay and forage managed by good people and great handling equipment with trucks on site to send their product nearly anywhere in the country. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 12: Vaughn’s Bermudagrass & Fall Creek Falls State Park

The first stop on this tour will take you to the farm where Terrell Vaughn first propagated what became known as Vaughn’s #1 Bermudagrass. Mr. Vaughn will have an informative lesson on the production and management of this variety of



Bermudagrass, which has become one of the most widely used varieties in the Southeast. This tour stop will also feature a look at their Bermudagrass Fed Beef operation, which focuses on high quality beef products from their farm to your table! Our next adventure will be filled with the glories of nature! Fall Creek Falls State Park is Tennessee’s largest and most visited state park. The park encompasses more than 26,000 acres sprawled across the eastern top of the rugged Cumberland Plateau. Laced with cascades, gorges, waterfalls, streams and lush stands of virgin hardwood timber, the park beckons those who enjoy nature at her finest. Fall Creek Falls, at 256 feet, is one of the highest waterfalls in the eastern United States.

The park also offers camping, hiking, a nature center, an inn and restaurant, and a top of the line golf course, along with other things to occupy your time while you visit. **This tour will require moderate walking, and closed toed shoes are advised.**

Tour 13: Combination of Mushrooms, Cheese, and Wine Supported by SARE



The tour begins with a visit to Monterey Mushroom’s seven-acre production building and five-acre compost facility. Known for popularizing the portabella, Monterey Mushrooms is the largest mushroom grower in North America. They sustain their operation with natural fertilizers and compost much of their waste into soil amendments. Next, participants will travel to Smoky Mountain Farm and Ranch. A tour of Smoky Mountain Farm and Ranch will highlight their beef and club calf herd, including competitive 4H and FFA Angus, Shorthorn, Shorthorn Plus and commercial show heifers and club steers. Participants will also get to view their biodiesel production facility. Smoky Mountain Farm has a respect for their land and use every available resource to improve and protect it for future generations. The next stop will be to Sweetwater Valley Cheese and Farm. Sweetwater Valley Cheese will host lunch and a tour of their cheese production facility and on-farm retail store. Sweetwater Valley Cheese controls the process from cow to consumer to create high-quality cheddar cheeses. The tour will wind down with a visit to Tsali Notch Vineyard and Winery. The vineyard specializes in muscadine grapes, grown on over 6,000 vines on 21 miles of trellis and covering 35 acres of a 202-acre estate. The property has an average elevation of 1,150 feet and is ringed by spectacular views of the Great Smoky Mountains.

Tour 14: Dairy Production & Tasty Ice Cream



The first stop of this tour will be in Loudon, TN to Steve Harrison Dairy. Steve Harrison Dairy is one of the most modern dairies in the Sweetwater Valley. Their pack barns, manure handling facilities, and custom milk cooling and hauling will be highlights on this stop. Next to Muddy Water Farms to look at an organic based dairy in Madisonville. We will then stop for lunch in Athens at one of the largest farmer owned co-op stores in the state, which caters to farmers as well as homeowners through Ace hardware division, along with clothing, crafts and anything else you may need to take home. Then depart for a nearby tour of the Mayfield Dairy Plant and ice cream for dessert. Mayfield is one of the nation's leading dairies, using advanced technology to bring the best products and innovative packaging to their customers. They also have many tasty treats for people of all ages. Our final stop in Riceville will be the Russ Carmichael Dairy. Participants will tour their new air tunnel/cooling system free stall barns. Russ is a third generation dairy farmer who strives to improve efficiency and environmentally sound practices such as installing solar panels on the dairy. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 15: Smoked Bacon, Beef Production & Marketing, and Hay Making

Our first stop will be in Madisonville at Benton's Smoky Mountain Country Hams started in 1947. Allan Benton and his employees have honed the



dry-curing of hams and bacon into a culinary art and have catapulted the products from a simple breakfast mainstay into the world of gourmet cooking, where they have been praised for their characteristic flavor. We will then travel to DW Farms, a large stocker/backgrounding operation in Vonore. They will discuss their operation and protocols for their stocker program during the tour. Next stop will be lunch at Athens Stockyard, selling more cattle each year in the past seven years than any other barn in the state. Learn how they achieved this through weekly and special sales over the past 14 years. We will then visit Gallaher Farm in Decatur to tour their custom bermudagrass hay business. The Gallahers serve livestock and horse owners all over Tennessee. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 16: Forestry/Wildlife Management & the Historical University of the South

On this exciting tour atop the southern portion of the Cumberland Plateau, you will visit the Sewanee University



Demonstration Forest, where students and faculty can engage in research projects and active forest management. Those activities include biological experiments and archaeological digs. They also include timber harvests, prescribed fires, and wildlife habitat manipulations. Here participants will learn more about how this extremely hardwood dominant forest is being managed for timber stand improvement and wildlife habitat. Next, the tour will shift gears and enter the scenic and historical campus of the University of the South, a liberal arts school known as "Sewanee." This beautiful private institution was founded in 1857 and boasts some of the most remarkable and architecturally sound buildings of any campus of its size. Here you will have a farm fresh lunch with time to explore the scenery on campus through a guided walking tour. Lastly, participants will take a very short walk out to Natural Bridge. This natural area is operated by Tennessee State Parks and is located in Franklin County. Natural Bridge is a 25 feet high natural sandstone arch with a span of 50 feet that provides a scenic overlook of Lost Cove. **This tour may require walking long distances between stops, and comfortable tennis shoes or hiking boots are recommended.**

**Tour 17: Sequatchie Valley
Steak & Potatoes
Supported by SARE**



The Steak and Potatoes Tour will take you deep into the beautiful Sequatchie Valley to Pikeville, Tennessee. The first stop on this tour is to Manderly Farms. Manderly Farms will share with you how they take several rolling acres of cool season forages to manage a large Angus cow-calf herd. This farm family also manages a youth campground and conference center in close proximity to the farm. Next, participants will travel just a short distance to Burns Farms. Burns Farms was established in 1952 with a 4-H project and a love for the Hereford breed. It is now the largest registered Hereford breeder in the southeast. They now have two annual female and bull sales each year, selling over 150 bulls and 100 females annually. The farm focuses on quality bull selection and utilizes the latest technology, such as providing genetically enhanced EPDs on all bulls. After this great opportunity, participants will hang out with the locals at the best eatery in town before traveling back through the Sequatchie Valley to Gifford Farms. Gifford Farms is a family run business that has developed, literally, from the ground up. They began by gardening to feed their families and selling the occasional pork or beef to friends. The operation has expanded to more than 250 acres of fruits and vegetables as well as pastured beef and pork. **This tour will include moderate walking, and closed toed shoes are advised.**

**Tour 18: Guns, Turf, Knives,
& Switches**

Participants of this tour get an opportunity to go into one of the most scenic counties in East Tennessee. Polk County is surrounded by the beautiful mountains of the Cherokee National Forest and the winding whitewater of the Ocoee River, site of the whitewater slalom events in the Atlanta 1996 Summer Olympic Games. The tour will make a quick stop at Benton's Shooter Supply. Benton's Shooter Supply is the ultimate one stop shopping destination for



any outdoors enthusiast. Participants will then travel to Mid Tenn Turf, a 1,500 acre sod farm. Farm managers will share how this farm grows many types of both warm and cool season sod to accommodate a large customer base spread across a wide geographical area. Before lunch, the tour will take participants to the East Tennessee Nursery in Delano. The mission of the East Tennessee Nursery is to provide quality, affordable seedlings (genetically improved where feasible) to Tennessee landowners and to optimize genetic improvements to increase the productivity of the state's forest resource. Tour participants will get to see first-hand how these seedlings are started, grow, and are shipped, while also taking time out for a scenic river-side lunch. The last stop before heading back towards Chattanooga will be Frost Cutlery. Frost Cutlery is one of the fastest growing cutlery companies in the world located in Ooltewah. You will get the opportunity to browse their magnificent showroom and hear the history behind what has made this company so successful. The Frost family also operates a Black Angus farm nearby. **This tour will include moderate walking.**

**Tour 19 : Link Handles, Forest
Products & Lodge
Cast Iron Steel**



On this three-part industrial tour, we start by visiting one of the country's largest and longest running tool handle factories, Sequatchie Handle Works, owned by

Seymour Midwest and quaintly located in the small town of Sequatchie, Tennessee. After exploring their traditional, yet top of the line factory, we'll make a short drive to a state-of-the-art sawmill that has recently expanded their capabilities and offerings exponentially. This family owned operation is called Cardin Forest Products LLC. When finished with the elaborate tour, participants will relish a catered lunch on the property, which overlooks a scenic, man-made lake constructed from what once was a vast stone quarry. Wrapping up the last portion of this professional development excursion, we'll tour another industrial enterprise, whose cast iron steel has been used in homes and on campfires since 1896. Their name and products are known all around the world; they are Lodge Manufacturing Company. Before leaving the beautiful Sequatchie valley and returning to the hustle and bustle of the Chattanooga convention center, tour-goers will have the opportunity to purchase souvenirs and quality cast iron products from the Lodge Factory Store in South Pittsburg, TN. Knowing the magnitude of offerings on this tour, seats will fill quickly. Sign up to ensure you get this one of a kind chance to experience Link Handles, Forest Products and Lodge Cast Iron Steel. **This tour will include moderate walking, and closed toed shoes are required.**

of shoreline and about 36,240 acres of water surface, which makes it a very popular destination for fishing, boating and swimming. The second stop on this tour will backtrack to the systems operation center in downtown Chattanooga where participants will learn about TVA's power operations. From this mega power center, the largest of its kind in America, system operators stare at a huge wall of computer monitors each day to ensure power is delivered to more than 9 million people across the mid-south. After a filling lunch at one of Chattanooga's finest dining locations nearby, the last stop of the tour will encompass the scenic beauty of the Tennessee River Gorge upon Raccoon Mountain. The Raccoon Mountain project is TVA's largest hydroelectric facility. Water is pumped to the reservoir on top of the mountain and then used to generate electricity when additional power is needed by the TVA system. Participants will get to go deep into the cave below to learn just how the plant works and what process takes place. The area around Raccoon Mountain is a scenic, state-designated Wildlife Observation Area where deer, turkey, raccoons, and bald eagles can be seen much of the time. **This tour will be limited to the first 20 registered. There are several flights of metal stairs to climb up and down. Closed toed shoes are required.**

Tour 20: Tennessee Valley Authority Power Plants, Dams, and Hydroelectricity

Tour 21 - Nursery, Tobacco, Fruit and Vegetables



The Tennessee Valley Authority (TVA) is a corporate agency of the United States that provides electricity for business customers and local power companies serving 9 million people in parts of seven southeastern states. TVA also manages for recreation, flood control, economic growth, and many environmental stewardship projects. The tour will begin at Chickamauga Dam, a hydroelectric facility. It has four generating units with a net dependable capacity of 119 megawatts. The dam was constructed in 1940 and is 129 feet high and stretches 5,800 feet across the Tennessee River. Chickamauga Reservoir has 784 miles

Four stops on this tour includes a retail nursery, tobacco and vegetable producer, an apple orchard and wholesale nursery enterprise. This tour will begin just a few minutes from downtown at The Barn Nursery. The Barn Nursery is a retail nursery outlet, the largest in the Chattanooga area, with several acres under roof. The nursery offers top-quality shrubs, trees, vines, perennials, annuals, garden gifts and more displayed in unique ways to attract the attention of their customers. The Barn Nursery is also conveniently located directly off the interstate allowing this company to have extra marketing abilities. Stop 2 will be the Mike Brown Farm. Mike operates a diverse farming operation consisting of 200 acres of tobacco, 100 acres of vegetables, 3 acres of plasticulture strawberries, 1,700 acres of soybeans and 400 Holstein steers. Mike's tobacco is marketed through R.J. Reynolds Tobacco Company, while he sells his strawberries and vegetables through

local Walmart stores. After lunch, we will travel to Apple Valley Orchard, owned and operated by the McSpadden family. This is truly a family operation that began with 2 apple trees in the backyard. Over the years, it grew to 400, and today has approximately 20,000 trees with 30 different varieties. In 1987, a new apple house complete with bakery and cider mill was built. School field trips and group tours are conducted during September and October. The last stop will be Black Fox Farms, which began in the early 1900's as a retail nursery. Today, they are a wholesale nursery that grows a wide variety of woody ornamentals, shade and flowering trees, perennials, hardy ferns and hostas. The location is also a beautiful venue for weddings, receptions, anniversaries, class reunions and birthday parties. **This tour will include a small amount of walking, and closed toed shoes are advised.**

Tour 22: Chickamauga National Battlefield



One of the oldest and largest of America's Civil War parks, Chickamauga and Chattanooga National Military Park (NMP), commemorates the 1863 battles for Chattanooga that marked a major turning point in the war. The NMP spans the borders of Georgia and Tennessee, with major units at Chickamauga, Lookout Mountain, Missionary Ridge, Orchard Knob and Signal Point. The park is headquartered at Chickamauga Battlefield, where the fields and woods of northwest Georgia witnessed the last major Confederate victory of the Civil War. The day will begin at Point Park, a ten acre memorial park that overlooks the Lookout Mountain Battlefield and the city of Chattanooga. There is a paved walking path around the park that takes visitors by several historic tablets, monuments, Confederate artillery positions, and a spectacular scenic overlook. Next, the tour will travel to the Chickamauga National Battlefield and visit the park's visitor center, which includes extensive exhibits, historical facts, maps, and an orientation film. Participants will also have the opportunity to view the Fuller Gun Collection. Participants will then work their way to the 6th Cavalry Museum to tour the museum and enjoy lunch. This is a military museum of uniforms, weapons, accoutrements, maps, photos, authentic M-47 Patton Tank, WWII Jeep,

WWII Troop Transport Truck and memorabilia of the 6th Cavalry from 1861 - present day. **This tour requires moderate walking and is wheelchair accessible, except for potential stops in the battlefield park.**

Tour 23: Lines Orchids and Farming in Downtown Chattanooga (Half-day Tour)



The first stop will be Lines Orchids, a fourth generational family business located in the quaint community of Signal Mountain, TN. The company began bringing beautiful blooms into the lives of customers starting in 1947 and continue today to grow and sell the highest quality orchid plants available in the southeast. They have 40,000 square feet of vintage glass greenhouses devoted to growing orchids, succulents, and various other plants and will share their experiences and rich family history with the group. The next stop before traveling back to Chattanooga will be Signal Point. Signal Point overlooks the Tennessee River between Signal and Raccoon Mountains. It was practically the only high ground in the area controlled by Union troops during the siege of Chattanooga between September and November 1863. Participants will have the opportunity to take a short, self-guided walk down to the point and read about the history of the area, while taking advantage of remarkable views of the Tennessee River Gorge below. The last stop will take you back into the heart of Chattanooga to Crabtree Farms. Crabtree Farms is a community-based organization on city land, and while they may consider themselves a "city park", they are also growing large amounts of farm fresh foods, offer a Farmshare CSA program, provide some pick-your-own opportunities, and supply produce to local restaurants. **The tour includes light walking and will conclude shortly after lunch.**

Tour 24: Urban Development... Urban Forestry/Horticulture



The tour will begin at Coolidge Park and the Peace Grove on Chattanooga's North Shore then on to The Reflection Riding Arboretum, where we will plan to have lunch and a tour. Coolidge Park, located on the city's North Shore, is one place where you can overlook the beautiful Tennessee River, play in an interactive water fountain, stroll across on one of the world's largest pedestrian bridges- the Walnut Street Bridge, test your skills at rock climbing, picnic with your family in plenty of open green spaces, admire a military memorial and even ride a tiger on the 100-year old restored antique carousel. The "Peace Grove" inside the park is composed of different types of trees planted in honor of Chattanooga's sister cities. The next stop will be the Reflection Riding Arboretum & Nature Center, which is a Class IV Arboretum. The property has 140+ species of identified trees, 15 miles of hiking trails, and a packed gravel road suitable for cars, bikes, and pedestrians. The Arboretum will also be the location for lunch. After lunch, the group will learn about native animals, such as the highly endangered Red Wolves in Reflection Riding's Wildlife Wanderland, dive into some fascinating local history, and embellish the beautiful grounds and gardens. **This tour will include moderate walking, and closed toed shoes are advised.**

Tour 25: Industry, Recreation, and the Coker Tire Museum

This tour will take you behind closed doors at Komatsu America Corp, Chattanooga plant, the world's second largest manufacturer and supplier of earth-moving equipment, consisting of construction, mining and compact construction equipment. Komatsu America also serves forklift and forestry markets. Tour participants will watch these large pieces of equipment being assembled at one end of the plant and then see the finished machines go out the door at the other end. We will then move on to Miller Industries near Ootewah, TN. Miller Industries was founded in 1990. Since

its inception, the company has provided innovative high towing and recovery equipment worldwide. You can watch some of the best welders in the world assemble complete lines of quality equipment including carriers up to 30 feet in length with deck capabilities of up to 40,000 lb and towing recovery units with boom capacities of 75 tons.



After this tour and lunch, we are off to Southern Honda Powersports, which is one of the largest dealers of Honda ATV's, motorcycles, power equipment, and side by sides in the South. Participants can walk the showroom floor and dream big while asking questions about your next ride. After this short excursion, we are off to American Hearth and Patio, where locally built wood/pellet stoves are showcased. Participants will also view the latest and greatest fireplaces, bbq grills, gas logs, and heater accessories available. Lastly, the tour will be topped off with an opportunity to visit Coker Tire Company. Coker Tire Company is the world's largest distributor of antique and classic tires for automobiles, trucks and motorcycles. Much more than just tires, this museum has preserved some of the most prestigious classic cars, trucks, race cars, motorcycles and other automotive gadgets from around the globe, allowing folks to reminisce the good ole' days when the automotive industry was the talk of the town. **There will be minimal walking on this tour. Closed toed shoes are required.**

Tour 26: Agricultural Economics and Community Development: Agritourism, Direct Marketing and Value-Added Agriculture

Offered by the Agricultural Economics and Community Development Committee of NACAA's Professional Improvement



Council, this tour will focus on concepts, strategies and resources available for agents working with farmers on agritourism, direct marketing and value-added agriculture operations. The tour will feature visits to three enterprises: Sweetwater Valley Cheese, Mayfield Corn Maze and

Pumpkin Patch, and Tsali Notch Vineyard and Winery. Speakers will discuss industry trends, factors of success, challenges and lessons learned, experiences in working with Extension, creating the customer experience and analyzing the potential of a new enterprise idea. Sweetwater Valley Cheese adds value to milk produced in their state-of-the-art dairy by creating high-quality cheddar cheeses marketed through their on-farm retail store and wholesale channels. The farm also hosts tours and special events. Mayfield Corn Maze and Pumpkin Patch opens each fall for field trips, family fun, a haunted trail and country store for fall-decorating needs. Tsali Notch Vineyard and Winery specializes in muscadine grapes, grown on over 6,000 vines on 21 miles of trellis and covering 35 acres of a beautiful 202-acre estate. Tsali Notch offers space for special events, hosts a number of festivals each year and offers wines, juices and other products for sale in the on-farm store. **This tour will include moderate walking. Closed toed shoes are recommended. (Special thanks to tour sponsor National Crop Insurance Services.)**

Tour 27: Explore the Tennessee Aquarium



Located on Chattanooga’s beautiful downtown riverfront, participants will take a walk through the Tennessee Aquarium. On this tour, participants will come face-to-face with the fascinating native animals that live in our backyards and the amazing creatures that thrive in some of the most remote locations on Earth. You will enjoy a remarkable journey from the mountains to the sea as you explore above and below the surface in the Aquarium’s two buildings. Inside the River Journey building, visitors are delighted by feisty river otters, colorful frogs, amazing turtles and freshwater fish species such as beautiful trout, giant catfish and prehistoric-looking sturgeon. While exploring Ocean Journey, guests come face to face with big, toothy sharks, beautiful butterflies, playful penguins, mesmerizing jellyfish and thousands of colorful reef fish. This tour is great for the entire family, and all ages are sure to enjoy it. Participants can call it a day shortly after lunch or spend the entire day at the aquarium to get it all in. Transportation accommodations will be available for a half day journey or a full day excursion, and you can make the decision the day the tour departs. **This tour will include moderate walking and is also wheelchair accessible.**

**Tour 28: “Reading the Farm”
Supported by SARE**



This tour will visit local farms to implement principles learned in the “Reading the Farm” Super Seminar sponsored by SARE and the Sustainable Ag Committee. The goal is to take an in-depth look at working farms and make recommendations to make the farm more sustainable.

Note: Limit of 50 participants and must have participated in Wednesday SARE Sustainable Agriculture Super Seminar.

Getting to Chattanooga

Chattanooga is located in the southeast corner of Tennessee near the intersection of three interstate highways: 1-24, 1-75 and I-59 and is accessible from several area airports including:

- Chattanooga Airport (Approximately 14 miles to the Chattanooga Convention Center)
- Nashville International Airport (Approximately 132 miles to the Chattanooga Convention Center)
- McGhee Tyson Airport (Knoxville, TN) (Approximately 112 miles to the Chattanooga Convention Center)
- Hartsfield-Jackson Atlanta International Airport (Atlanta, GA) (Approximately 125 miles to the Chattanooga Convention Center)

Visit each airport’s website to learn about ground transportation options.

Travel early or stay after the conference to enjoy some of the many amenities Tennessee has to offer. Experience the *Soundtrack of America Made in Tennessee* from Memphis to Nashville to the Great Smoky Mountains and all points in between. Learn more about things to do along the way by visiting www.tnvacation.com, Tennesseeagritourism.org and www.tennesseewines.com.

LIFE MEMBER & SPOUSES PROGRAM

NACAA and Tennessee bid a special welcome to Life Members, spouses and other guests. This year, the Life Members and Spouses Programs will participate together in a shared hospitality room, workshops, tours and other selected activities. Some events, such as the Life Member Breakfast and Spouses Program luncheon, will remain separate. See a summary of Life Member and Spouses Program functions by conference day below:

Sunday, July 29

- Life Member and Spouses Hospitality Room (8am to 5pm)
- Life Member Committee Meeting (2:30 pm to 3:30 pm)

Monday, July 30

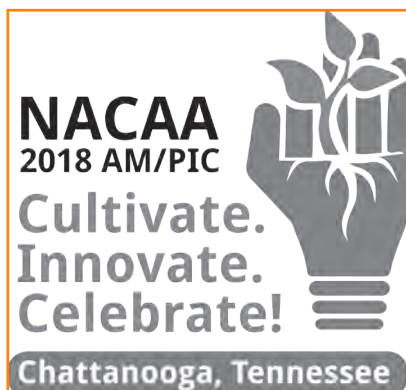
- Life Member and Spouses Hospitality Room (8am to 5pm)
- Life Member Breakfast Program (For life members and their spouses.) (6:30am to 8:00am)
- Spouses Program Luncheon (12pm to 1:30pm)
- Life Member Business Meeting (all Life Members) (1:45pm to 3:15pm)
- Life Member and Spouses Activities (Begin at 2pm, ending time varies)

Tuesday, July 31

- Life Member and Spouses Hospitality Room (8am to 5pm)
- Life Member and Spouses Tours (times vary)

Wednesday, August 1

- Life Member and Spouses Hospitality Room (8am to 5pm)
- Life Member Travelogue Program (1:00pm to 2:00pm)
- Life Members and Spouses Tour (9am to 2:30pm)
- Life Member and Spouses Workshops (9:30am to 11am and 2pm to 3:30pm)



Life Member Breakfast

**Monday, July 30
6:30am to 8:00am**

Join us for breakfast with our featured speaker, Bill Landry. Bill is the voice, host, narrator, and co-producer of **The Heartland Series**, which aired on WBIR-TV in Knoxville, Tennessee for nearly thirty years. Since its beginnings in 1984, over 1,900 short features have been produced, the majority showcasing the people of Appalachia. Bill will share a few out-takes from this series, and he will talk about the people and culture of East Tennessee. Extension agents helped connect Bill with many of the individuals featured in the series, therefore, he has an understanding of what Extension Agents do for our communities.



Bill Landry

Spouses Luncheon

**Monday, July 30
12:00pm to 1:30pm**

"Making Your Voice Heard"

In her more than 31 year career at the Tennessee Farm Bureau Federation, Rhedona Rose has been passionately working to make the voices of farmers and rural Tennesseans be heard. Serving primarily in policy development and legislative activities in the grassroots organization, she strives to meet and protect the needs of the more than 600,000 Tennessee Farm Bureau members. After being named the Executive Vice President in October 2017 and becoming the first woman to lead the nation's largest state Farm Bureau organization, Rose's responsibilities now also include directing the daily work of the organization's staff and finances.



Rhedona Rose

Life Member and Spouses Activities for Monday, July 30

Life members, spouses and guests can choose among six activities for Monday afternoon.

Activity 1 - Visit the Tennessee Aquarium (2pm to 5pm)

Self-guided through the attraction. The Tennessee Aquarium is home to the most diverse gathering of freshwater animals in the country. Staff members love to immerse visitors in stories of life above, around and within our watershed while guests are exploring the Aquarium's two buildings. Inside the River Journey building, visitors are delighted by feisty river otters, colorful frogs, amazing turtles and freshwater fish species such as beautiful trout, giant catfish and prehistoric-looking sturgeon. While exploring Ocean Journey, guests come face to face with big, toothy sharks, beautiful butterflies, playful penguins, mesmerizing jellyfish and thousands of colorful reef fish. *Moderate Walking. Wheelchair accessible.*

Activity 2 - Visit the Hamilton Place Mall (2pm to 5pm)

Shopping Trip to Hamilton Place Mall. Drop off and pick up – self guided. The Hamilton Place shopping area features over one million square feet of retail bliss inside the two story mall. The mall houses six department stores, such as Dillard's, Belk, JCPenney and Sears, and more than 150 specialty shops including Ann Taylor, Aldo, Coach, Bare Minerals, Buckle, Aerie, Forever 21, Hollister, Banana Republic, Barnes & Noble Booksellers, Sephora, White House | Black Market, Pandora, Teavana and more. Hamilton Place features more than 30 delectable restaurants and eateries.

Adjacent to the mall, you'll find the area's only DSW Shoes, Ulta Beauty, World Market, Talbots, Chico's, LOFT, Eddie Bauer and J Jill.

Heavy walking. Wheelchair accessible.

Activity 3 - Visit Bass Pro Shop & Cabela's (2pm to 5pm)

Shopping trip of the outdoor sportsmen's dreams. One hour at Bass Pro Shop. Pickup and transport to Cabela's – one hour at Cabela's. Self-guided. Heavy walking. Wheelchair accessible.

Activity 4 - The Best Camera May Be the One in Your Pocket (Workshop - 2pm to 3:30pm)

Presenting - Doug Edlund/Assistant Director of UTIA Marketing and Communications

More and more people are taking photos with smartphones than any other device. In fact, many of today's smartphones photos can rival a traditional camera for image quality. Learn how you can get the most out of that camera in your pocket with tips and tricks that will help make you a better smartphone photographer. Learn about composition, lighting, photo editing and more. Then, apply these techniques in a "photo tour" in and around the Chattanooga Convention Center.



Activity 5 - Hydrangeas: The Most Beautiful Summer Bush (Workshop - 2pm to 3:30pm)

Presenting - Carol Matthews, Master Gardener of Hamilton County, Tennessee

No yard or landscape is complete without this eye-catching bush for summer to fall beauty. A few basic care-giving rules, and some form of hydrangea can be grown in most of the USA. Zone areas, soil conditions and light requirements are the basics for these beautiful bushes to provide small to basketball size blooms that can be dried and kept long past the blooming season. Round or cone-shaped blooms can be found on bushes with green, variegated or colored leaves, making a very versatile plant.



Activity 6 - Bobemian Tassel Necklaces (Workshop - 2pm to 3:30pm)

Presenting - Vicki Lofty, FCS/4-H Extension Agent and County Director, Marion County Extension, Tennessee

Tassels aren't just for curtains and lampshades these days. They have become a fun statement dangling from the ears, trims on scarves and hanging from necklaces. Make a trendy tassel necklace in this fun, hands-on workshop. All supplies will be furnished.



Life Member and Spouses Tours for Tuesday, July 31

Choose among seven tour options.

Tour 1 – Tennessee Aquarium



Self-guided through the attraction. The Tennessee Aquarium is home to the most diverse gathering of freshwater animals in the country. Staff members love to immerse visitors in stories of life above, around and within our watershed while guests are exploring the Aquarium's two buildings. Inside the River Journey building, visitors are delighted by feisty river otters, colorful frogs, amazing turtles and freshwater fish species. While exploring Ocean Journey, guests come face to face with big, toothy sharks, beautiful butterflies, playful penguins, mesmerizing jellyfish and thousands of colorful reef fish. Box lunch furnished on-site. Heavy Walking. Wheelchair accessible. Tour will leave at 9:30 am and return by 3:30 pm.

Tour 2 – Power and Vintage Cars

Tour goer's will enter TVA's twin tower complex and view the entire TVA watershed from the Systems Operation Command Center. Learn how operators monitor water flow, water level and power generation from one technologically-advanced control room.



The tour will continue at Coker Tires, which manufactures and sells vintage tires and wheels and operates a full restoration shop. Visit the museum filled with vintage cars, motorcycles and automotive memorabilia.



Heavy walking. This will be a walking tour from the convention center to each venue. Wheelchair accessible. Tour leaves at 9:00 am and returns by 3:00 pm. This tour has limited spaces available.

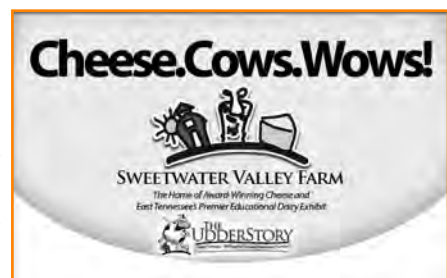
Tour 3 – Chickamauga National Military Park



Take a guided tour through the site of the Civil War Battle of Chickamauga fought in 1863. Thousands of Union and Confederate soldiers' hopes hinged on controlling Chattanooga—the “gateway” to the Confederacy. Yet, in mid-September, they met in the peaceful farm fields of north Georgia, along a tranquil creek named Chickamauga. Participants will travel to the nearby 6th Cavalry Museum for lunch. The museum preserves the rich military history of the “Fighting Sixth” Cavalry, stationed at The Post at Fort Oglethorpe 1919 - 1942. The story of the 6th Cavalry is illustrious, beginning in 1861 as a U.S. Cavalry Regiment extending to present day. Located on the Post's original parade ground/polo field, the area is listed on the National Register of Historic Places, surrounded by officer's homes and other Post buildings. Visited by presidents, military heroes and celebrities, the museum houses artifacts, uniforms, weapons, accoutrements, photos, and vehicles. Light Walking. *Wheelchair accessible except for potential stops in the battlefield park.* Tour leaves at 8:00 am and returns at 4:00 pm.

Tour 4 – Ice Cream, Cheese and Wine

Travel to Athens, Tennessee for a behind-the-scenes tour of Mayfield's Dairy Processing Plant. See how favorite dairy products are made, and finish the tour



in their gift-shop/museum, sampling some of the finest Mayfield's Ice Cream. Travel a short distance north to Philadelphia (Tennessee that is) to taste some of the best farmstead cheese this side of the Mississippi at Sweetwater Valley Farms. Learn about the cheese-making process, and watch a few of their thousand or so cows being milked. Enjoy lunch in the entertainment barn adjacent to the cheese shop. Finish the day at Tsali Notch Winery surrounded by majestic mountain views outside Madisonville, Tennessee. Tsali Notch is a vineyard and tasting room specializing in wines and products from the Muscadine, “America's wild grape™,” indigenous to the Southeastern United

States. Moderate walking. This tour leaves at 8:00 am and returns at 4:30 pm and will travel the greatest distance from the convention center. This tour is not wheelchair accessible.



Tour 5 - Horticulture and Vintage Cars and Motorcycles

Visit Lines Orchids, a fourth generational family business, located in the quaint community of Signal Mountain, Tennessee. Lines Orchids began bringing beautiful blooms into the lives of their customers in 1947 and continue today to grow and sell high quality orchid plants.



The tour will continue at Coker Tires, which manufactures and sells vintage tires and wheels and operates a full restoration shop. Visit the museum filled with vintage cars, motorcycles and automotive memorabilia.



Enjoy a visit to Crabtree Farms, a community-focused sustainable agriculture farm. Tour the grounds and investigate vegetables being grown for their CSA partners. Lunch will be served here in their new post and beam educational center.

Travel to the Barn Nursery, one of the premier retail garden centers in the southeast. Filled with plants, shrubs, trees, pottery, garden accessories and gift ideas – they have it all. Crafters will demonstrate plant design and installation with their pottery. Moderate walking. This tour leaves at 8:00 am and returns at 4:30 pm. ***This tour is not wheelchair accessible.***

Tour 6 - Bluff View Art District



Bluff View Art District is a creative haven that specializes in the visual, culinary and landscape arts in Chattanooga. The historic neighborhood sits high atop a bluff overlooking the Tennessee River and offers visitors a one-of-a-kind experience.

The tour will begin with a guided tour by staff of the Bluff View Art District. Presentations will be provided by the local pastry chef, chocolatier, baker and coffee roaster. This portion of the tour will take approximately 1 hour. The remainder of the day will be at your discretion to visit the venues at your individual pace. Browse through River Gallery, which exhibits fine art and museum quality crafts from local, regional, national and international artists or meander through the sculpture garden. Watch the local artisans bake breads, make chocolates or roast coffee through the large paned windows.

Admission is included to the Hunter Art Museum of the American Arts and the Houston Museum of the Decorative Arts. You will receive a food voucher good for lunch at your choice of Rembrandt's or Tony's.

Heavy walking required. Wheelchair accessible. This tour leaves at 8:30 am and returns at 3:30 pm.

Tour 7 - Sequatchie Valley Tennessee

This tour will travel west from Chattanooga to the beautiful, 150 mile-long Sequatchie Valley, located along the eastern edge of the Cumberland Plateau. Participants will visit the Children's Holocaust Memorial, complete with an authentic German rail car used to transport victims to concentration camps. The rail car houses 11 million newspaper clips collected from all over the world, one for each victim of the Holocaust. The library at Whitwell Middle School, where the memorial is located, houses more than 30,000 documents on CD's and a collection of Holocaust books and artifacts, including an actual uniform worn by a Holocaust victim.

Tour goers will also visit the Coal Miners' Museum, which displays artifacts from the mines and miners of Marion County, Tennessee. Coal was mined in the area from the 1880's to the early 1980's.

After lunch in the town of Dunlap, participants will visit the Historic Dunlap Coke Ovens Park to explore the remains of 268 beehive coke ovens used in the early 1900's to convert mountain coal into industrial coke. Explore the ruins of a once thriving industrial complex, and visit the museum where you will find photos and artifacts from the early 1900's. On the return trip to Chattanooga, see the scenic Sequatchie Valley from a mountain overlook.

The outside grounds at the Coke Ovens has some uneven terrain for walking. The remainder of the tour requires minimal walking and is wheelchair accessible. The tour will leave at 8:30 am and return at 4:15 pm.

Life Member and Spouses Programs for Wednesday, August 1

Life members and spouses program participants have several options for activities on Wednesday including a shopping trip to the Unclaimed Baggage Center and Lodge Factory Store, travelogue program, morning workshops and/or afternoon workshops.

Shopping Trip to the Unclaimed Baggage Center and Lodge Factory Store

Hunt for treasure in the Unclaimed Baggage Center in Scottsboro, Alabama. You'll never know what you'll find! Then visit the Lodge Factory Store for quality cast iron products from a Tennessee company founded in 1896. Participants will depart at 9am and return at 2:30pm.

Travelogue

Join UT Extension retiree, Ken Goddard, as he shares his experiences traveling to Croatia. Ken served the university for more than 40 years in Hardeman and Henry counties, including 26 years as Henry County Extension Director and, finally, as UT Extension's Biofuels Specialist. The program will be held from 1pm to 2pm.

Morning Workshop Options

Choose among six workshop options on Wednesday morning from 9:30am to 11am.

Morning Workshop 1 - Theater for Farm Health and Safety- You Too Can Be a Star!

Presenting - Dr. Deborah Reed, PhD, MSPH, RN, FAAOHN,

FAAN, College of Nursing University of Kentucky

In this interactive session, participants will learn about a new concept, didactic readers' theater, to address farm health and safety. This Kentucky



and Tennessee research-based intervention has resulted in 54% of the farmers attending making significant changes to bolster their health and safety. The play sparks conversation about real threats and risks on the farm, empowering farmers to incorporate safer practices and prevention in their day-to-day work. In addition to leaving with access to the community toolkit to host your own theater, you will have the opportunity to participate in a short theater.

Morning Workshop 2 - Gardening as a Therapeutic Tool

Presenting - UT Gardens Education Director- Derrick Stowell MS, CTRS, HT, University of Tennessee

One of only three registered horticultural therapists (HTR) in Tennessee, Derrick Stowell will show how you can use gardening as a therapeutic tool for individuals with arthritis and other medical conditions. Tips for modifying garden tools and activities as well as explain horticultural therapy.



Morning Workshop 3 - Healthy Cast Iron Cooking

Presenting - Vicki Loft- FCS/4-H Extension Agent and County Director, Marion County Extension, Tennessee



Rediscover grandma's cooking secrets and learn to clean, season and refurbish cast iron cookware. Participants will also receive coupons for cast iron cookware and recipes.

(* One hour session from 9:30-10:30 am)

Morning Workshop 4 – Edible Landscaping

Presenting - Carol Mathews- Master Gardener Hamilton County

The point of Edible Landscaping is that you use your whole yard as a garden for beauty and economics. By combining flowers, trees, bushes, vegetables and herbs, you are creating a bio-diversity that is beneficial to you and the environment. Edible Landscaping, sometimes thought of as companion planting, is rewarding and beautiful, providing the best combination for the homeowner.



For the smaller yards or patio gardens, the choice is no longer vegetables or flowers, as you can have both. Adding herbs to the mix also provides seasoning. The combination also attracts pollinators.

Morning Workshop 5 – Slice and Save

Presenting - Dr. Dwight Loveday- University of Tennessee Institute of Agriculture and Representatives from the Tennessee Beef Industry Council and Tennessee Pork Producers

Price conscious consumers are always trying to stretch their food dollar, and that is especially true at the meat counter. Participants will see how simple home cutting and home storage of larger meat cuts can produce more meals for their money.



Morning Workshop 6 – Make It, Take It, Reed Basket Weaving

Presenting - Rebecca Layman, Monroe County Extension and Carol Brandon, Claiborne County Extension

(This workshop includes two, 90-minute sessions, one in the morning and one in the afternoon - 9:30-11:00 am and 2:00-3:30 pm - limited to 20 participants. You will need to participate in both sessions to complete your basket.)

Learn to weave a simple basket using reed. This Napkin Basket is 7 1/2" square with a handle and decorative bow. Great for beginning weavers and fun for the experienced weaver. Please bring a towel. All other supplies will be provided.



Afternoon Workshop Options

Choose among seven workshop options on Wednesday afternoon from 2:00 pm to 3:30 pm.

Afternoon Workshop 1 – This Rose Bud's for You

Presenting - Jeff and Cindy Garrett- Master Gardeners Hamilton County, Tennessee.

Growing roses is an enjoyable and beautiful endeavor. In this session, we will discuss tips for producing roses in and out of containers. We will also examine some of the disease resistant varieties now on the market.



Afternoon Workshop 2 – Thrill of the Grill

Presenting - Dr. Dwight Loveday-University of Tennessee Institute of Agriculture with Representatives from the Tennessee Beef Industry Council and Tennessee Pork Producers

Nothing is like the aroma of meat cooking on the grill. Grilling has become a year-long cooking experience in many households. Participants will receive tips on selecting meat cuts for the grill, meat preparation and grilling techniques. Of course, there will be "grill goodies" at the end!



Afternoon Workshop 3 – What is Mamaw's Quilt Worth?

Presenting - Lena Beth Reynolds- McMinn County Extension Area Specialist (Watershed Management) and former quilt appraiser from the American Quilter's Society

Using a display of 20+ antique quilts and tops, participants will learn about the art of quilt appraisal. Topics discussed in this workshop will include date range of the quilts, criteria affecting quilt value, quantity and quality of piecing, applique, and quilting. Participants can examine the quilts during Q&A time. (Be sure to wash your hands thoroughly before touching the quilts to preserve these antiques.)



**Afternoon Workshop 4 -
The Best Camera May Be the One in Your
Pocket**

Presenting - Doug Edlund/ Assistant Director of UTLA
Marketing and Communications

More and more people are taking photos with smartphones, and, in fact, many of today's smartphones photos can rival a traditional camera for image quality. Learn how you can get the most out of that camera in your pocket. This session will cover composition, lighting, photo editing and more. Then, you'll have the opportunity to apply what you've learned in a "Photo Tour" in and around the Chattanooga Convention Center.

**Afternoon Workshop 5 - Bobemian Tassel
Necklaces**

Presenting - Vicki Lofty, FCS/4-H Extension Agent and County
Director Marion County Extension, Tennessee

Tassels aren't just for curtains and lampshades these days, they have become a fun statement dangling from the ears, trims on scarves and hanging from our necklaces. Make a trendy tassel necklace. All supplies will be furnished.

**Afternoon Workshop 6 -
Hydrangeas: The Most Beautiful
Summer Bush**

Presenting - Carol Matthews, Master Gardener of Hamilton
County, Tennessee

No yard or landscape is complete without this eye-catching bush for summer to fall beauty. A few basic care-giving rules,

**Getting Around
Chattanooga**

Ground transportation options from the Chattanooga airport include car rentals, taxis, a shuttle, and ride share services, UBER and LYFT. **Please note the conference hotels do not offer a shuttle to/from the airport.**

Downtown Chattanooga offers a free electric shuttle running about every 5 minutes from 6:30am to 11:00pm on weekdays, 9:30am to 8:30pm on Sundays and 9:30am to 11:00pm on Saturdays.

Downtown Chattanooga also has clean, wide sidewalks and helpful directional signage, making it a nice place to walk or bike. Check out the conference website for a link to information about the city's Bike Share Program. The Tennessee Riverpark system features 10 miles of trails for pedestrian and bike traffic along the scenic Tennessee River. See more information on the conference website.

and some form of hydrangea can be grown in most of the USA. Zone areas, soil conditions and light requirements are the basics for these beautiful bushes to provide small to basketball-sized blooms that can be dried and kept long past the blooming season. Round or cone-shaped blooms can be found on bushes with green, variegated or colored leaves making a very versatile plant.

**Afternoon Workshop 7 -
Get Fired Up: Blow your Own Glass
Ornament**

Blow your own glass ornament with help from a professional glass blower at iGNis Glass, Chattanooga's Premier glass-blowing studio. (<https://www.ignisglass.com/>)



Off-site Class. Group will travel to site using the free downtown electric shuttle. Workshop requires an additional cost of approximately \$45 to be paid by participants at the studio. Price depends on ornament choice. Need a minimum of 20 people to register in order to offer workshop.

Facilities Fee

Since 2004, NACAA initiated a facilities fee for lodging at the AM/PIC. All Active & Life Members in attendance are asked to stay at the contracted hotel facilities. It is your choice to stay elsewhere, however, if you do not register for lodging through the NACAA registration process (minimum of 1 night), a \$250 fee will be added to your overall registration.

Why? NACAA contracts with several hotels 4 years in advance of each meeting in order to meet the lodging needs of our membership. The contracts which are signed have specific room night commitments, which if not met, will have to be purchased by NACAA. This financial obligation made by NACAA on behalf of its membership is a very large commitment that could have devastating financial implications if the membership chooses to stay at other non-contracted properties. The facilities fee has been put in place to assist in protecting **YOUR** Association from taking a financial loss.

NACAA's goal each year is to provide an outstanding Annual Meeting and Professional Improvement Conference at an affordable price. NACAA's goal is not to profit from the meeting but to provide it's membership with excellent Professional Improvement opportunities and proper Recognition for outstanding achievements within the Extension Profession.

SONS AND DAUGHTERS PROGRAM

Come See Tennessee!

Sunday, July 29 – Explore with Me in Tennessee!

Come see all the fun and exciting adventures Chattanooga offers youth through the Sons and Daughters Program. Parents and youth are invited to join us at the conclusion of the Opening Ceremony for an overview of the program, introduction of program and group leaders, registration and distribution of Tennessee Swag Bag to Sons and Daughters participants. Organized Mass Chaos, anyone? Stay around as we get acquainted and get to know each other in this fun and unusual way!

***Monday, July 30 – ALL ABOARD!
CHOO-CHOO!***

See Rock City and climb aboard a Chattanooga Choo-choo! Participants will enjoy two of the most iconic travel destinations for Chattanooga, Ruby Falls and the TN Valley Railroad. Experience the beauty and grandeur of one of the world’s tallest waterfalls . . . UNDERGROUND! Take an elevator down 260’ through solid limestone rock and see this natural beauty! Explore the natural surroundings of this unique landscape before leaving for TN Valley Railroad.



Take a ride through time on this moving museum of railroad history. Take a trip back in time to a slower-paced way of life, and experience the authentic and interactive railway, all aboard a full-sized train.

<http://www.rubyfalls.com/>

<http://www.tvrail.com/>

**Closed-toe, comfortable walking shoes are recommended.*

***Tuesday, July 31 – ALL IN
FOR THRILLS & SPILLS!***

A day of sun and fun as Sons and Daughters travel to Lake Winnie Amusement Park and Soak Ya’ Water Park.



Deemed the South’s favorite family amusement park, Lake Winnie offers both thrills and spills. Whether it’s hair-raising roller coasters, nostalgic carousels, or cooling off with a splash from a water slide, participants can find fun around every corner! Lunch will be provided on-site. The group will return in time to rejoin families for States’ Night Out.

<http://www.lakewinnie.com/>

*Appropriate swim attire and/or cool, casual clothes and shoes recommended. Sunscreen and a towel will be provided.

***Wednesday, August 1 – ALL OVER
DOWNTOWN CITY-VENTURE!***

Discover Downtown! Chattanooga is one of the most enjoyable and easy to navigate cities in the South. Participants will explore the sites, sounds, artisans, and amphibians of



Downtown Chattanooga. Experience the ecological importance water plays in our landscape and meet critters at the beautiful Tennessee Aquarium. Two buildings, the River Journey and the Ocean Journey, offer guests up close and personal encounters with critters that prefer the H2O life! Special “behind-the-scenes” guest opportunities are available to our participants.

Glass blowing, painting, and who doesn’t want to try the latest off-the-shelf flavor of the Moon Pie! Shop for souvenirs or sundries while completing a scavenger hunt. Participants will end the day with a movie at the IMAX and farewell pizza party! Y’all come!

<http://www.tnaqua.org/>

TN Swag Bag will include a drawstring cinch sack backpack, t-shirts for daily wear, and a towel for the waterpark. A personal water bottle is recommended but not required. First-aid, snacks, and water will also be available daily.

REGISTRATION FORM

NACAA ANNUAL MEETING AND PROFESSIONAL IMPROVEMENT CONFERENCE

July 29-August 2, 2018

Registration forms must be postmarked on or before May 15, 2018: Late fee is \$100 - **Return ALL forms together.**

Please fill out all forms completely. Enclose proper payment where needed.

On-site Registration will be in the Chattanooga Convention Center Foyer.

**For Insurance Liability reasons -
Name Tags will be required at ALL
EVENTS (meal functions, bus trips,
conference sessions - everything).
NO EXCEPTIONS**

SEND FORMS AND PAYMENT TO:
NACAA
6584 W. Duroc Road
Maroa, IL 61756
Phone: 217-794-3700 Fax: 217-794-5901 E-mail: nacaemail@aol.com

PARTICIPANT'S NAME

_____ (Last) (First)

(Preferred first name on tag) _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE - daytime (_____) _____

Cell Phone (_____) _____

(for emergency conference contact)

E-mail address _____

**Confirmations will be sent electronically for everyone
(unless you are without email - it will then be mailed via
U.S. Mail) - by no later than June 15, 2018.**

Are you an NACAA Member (Active or Life) YES NO

Check your region: NC NE W S

SPECIAL ARRANGEMENTS - Please check below if you need special assistance during the meeting.

- Accessibility needs during the meeting
- Dietary (Please contact the registration office at the above address three weeks prior to the event to make request).

If your spouse, child(ren), and/or guest is attending the conference, please complete:

SPOUSE NAME: _____
(Last) (First)

GUEST'S NAME _____
(Last) (First)

CHILDREN'S NAMES AND AGES (if attending):

Name _____ Age _____

Name _____ Age _____

Name _____ Age _____

Name _____ Age _____

**LIFE MEMBER & SPOUSE/GUEST
ACTIVITIES (Combined this year).**

MONDAY - JULY 30, 2018

LIFE MEMBER'S BREAKFAST - Monday, July 30, 2018
(6:30 am - 8:00 a.m.) # Plan To Attend _____

SPOUSE/GUEST LUNCHEON - Monday, July 30, 2018
(Spouse/Guest Only)
(12:00 - 1:30 p.m.) # Plan To Attend _____

(Please select 1 activity)

- Act. 1 - Visit the Tennessee Aquarium # Plan To Attend _____
- Act. 2 - Visit the Hamilton Place Mall # Plan To Attend _____
- Act. 3 - Visit Bass Pro Shop & Cabela's # Plan To Attend _____
- Act. 4 - The Best Camera May Be the One in Your Pocket # Plan To Attend _____
- Act. 5 - Hydrangeas: The Most Beautiful Summer Bush # Plan To Attend _____
- Act. 6 - Bohemian Tassel Necklaces # Plan To Attend _____

TUESDAY - JULY 31, 2018

LIFE MEMBER'S & SPOUSE'S TOURS

- Tour 1 - Tennessee Aquarium
- Tour 2 - Power and Vintage Cars
- Tour 3 - Chickamauga National Military Park
- Tour 4 - Ice Cream, Cheese and Wine
- Tour 5 - Horticulture and Vintage Cars and Motorcycles
- Tour 6 - Bluff View Art District
- Tour 7 - Sequatchie Valley Tennessee

	Tour No.	# on Tour
1 st Choice	_____	_____
2 nd Choice	_____	_____
3 rd Choice	_____	_____

WEDNESDAY - AUGUST 1, 2018 AM

- Shopping Trip to the Unclaimed Baggage** # Plan To Attend _____
- Center and Lodge Factory Store** # Plan To Attend _____
- Travelogue** # Plan To Attend _____

AM Workshop Options

Choice (please list a 1,2,3 for your choice next to your preferred workshop.)

- ___ AM Workshop 1 - Theater for Farm Health and Safety - You Too Can Be a Star!
- ___ AM Workshop 2 - Gardening as a Therapeutic Tool
- ___ AM Workshop 3 -- Healthy Cast Iron Cooking
- ___ AM Workshop 4 - Edible Landscaping-
- ___ AM Workshop 5 - Slice and Save
- ___ AM Workshop 6 - Make It, Take It, Reed Basket Weaving 2 sessions (9:30 - 11:00 am) & (2:00 - 3:30 pm) both required to finish basket

PM Workshop Options

Choice (please list a 1,2,3 for your choice next to your preferred workshop.)

- ___ PM Workshop 1 - This Rose Bud's for You
- ___ PM Workshop 2 - Thrill of the Grill
- ___ PM Workshop 3 - What is Mamaw's Quilt Worth?
- ___ PM Workshop 4 - The Best Camera May Be the One in Your Pocket
- ___ PM Workshop 5 - Bohemian Tassel Necklaces
- ___ PM Workshop 6 - Hydrangeas: The Most Beautiful Summer Bush
- ___ PM Workshop 7 - Get Fired Up: Blow Your Own Glass Ornament

REGISTRATION FEE INFORMATION

Check ALL Blocks That Apply to You

Participant's Name _____					
	Last Name		First Name		
NACAA Member	Agent Fee # Attending		Spouse/Guest Fee # Attending		Total Fees to be Paid
First Time Attending (5 yrs. or less) employed after 7/1/2013	(\$130.00 x _____)	+	(\$275.00 x _____)	=	\$ _____
Regular Member	(\$380.00 x _____)	+	(\$275.00 x _____)	=	\$ _____
Life Member	(\$275.00 x _____)	+	(\$275.00 x _____)	=	\$ _____
OTHERS					
Sons & Daughters (participating in activities)	(\$225.00 x _____)			=	\$ _____
Visitor	(\$380.00 x _____)	+	(\$275.00 x _____)	=	\$ _____
Univ. or USDA Administrator	(\$380.00 x _____)	+	(\$275.00 x _____)	=	\$ _____
Guest of NACAA President	(Waived x _____)	+	(Waived x _____)	=	\$ _____
National Donor/Exhibitors	(Waived x _____)	+	(Waived x _____)	=	\$ _____
Past National Board Luncheon (\$30 Fee - Short Ribs of Beef)				=	\$ _____
Sustainable Ag Pre-Tour (\$100 x Number of People _____) (limited to 12 people)				=	\$ _____
Other Pre-Tours on Page 33 (Fees to be collected later)					
PART-TIME ATTENDANCE					
Number Attending Each Day: Sun____; Mon____; Tues____; Wed____; Thurs____					
Daily Fee (\$250 x Number of Days _____ x Number of People _____)				=	\$ _____
Attending only Wednesday Night Banquet: (\$50 x Number of People _____) (non or daily registrants)				=	\$ _____
Late Fee: Applies to all registrants listed above whose registration form and fees are postmarked after May 15, 2018 - \$100 per individual				=	\$ _____
Facilities Fee (FOR ALL ACTIVE AND LIFE MEMBERS): NACAA has initiated a facilities fee for this Conference.				=	\$ _____
If you do not plan to stay at one of the approved hotels listed on this registration form - and make that reservation through NACAA - a \$250 fee will be administered. The lodging form must be completed with reservation information- or the fee will be added to your total registration cost.					
TOTAL FEES PAYABLE WITH REGISTRATION: (Make checks payable to NACAA)				=	\$ _____

REGISTRATION FORMS WILL NOT BE PROCESSED IF FEES ARE NOT PAID AT THE TIME OF REGISTERING (I.E. WAITING FOR SECONDARY FUNDING). IF A PERSONAL CHECK/COUNTY CHECK OR CREDIT CARD INFORMATION IS NOT SENT WITH THE REGISTRATION - YOUR REGISTRATION WILL BE PLACED ON HOLD UNTIL THE MONIES ARE RECEIVED.

IF PAID BY CREDIT CARD:

___ MasterCard ___ VISA ___ Discover Card ___ American Express - No other cards will be accepted.

Person's Name on Credit Card _____; Expiration Date _____

Card Number _____; (List all numbers 16 digits)

Address of Credit Card Billing Statement if different than address given on Personal Information

Street _____ City _____ State _____ Zip Code _____

Signature _____

(IF CARD INFORMATION IS INCORRECT OR NOT ACCEPTED DURING THE CARD APPROVAL PROCESS, YOUR REGISTRATION WILL BE DELAYED)

CANCELLATION/REFUND POLICY - CHANGES HAVE BEEN MADE FROM PREVIOUS YEARS

There shall be a **75%** refund of registration fee when a request is made before July 13 (no later than 16 days before the AM/PIC begins). Between July 14 to July 29 (prior to the start of the AM/PIC) there shall be a **25%** refund. No refunds will be given if a request is made after the beginning of the AM/PIC. Appeals due to emergency will be handled on a case by case basis by the NACAA Board with a maximum of 90% reimbursed. **Requests must be made in writing** to NACAA, Attn: Scott Hawbaker, 6584 W. Duroc Road, Maroa, IL 61756 or email to: nacaae-mail@aol.com. Refund for part-time attendance is the same, except there will be no refund for the banquet. Members and guests eligible for fee waivers will be refunded upon verification by the National Board of Directors.

**SUPER SEMINARS / SPECIAL SESSIONS/
PRE-TOURS WHICH REQUIRE
PRE-REGISTRATION**

SUSTAINABLE AG/

SARE SUPER SEMINAR - Wed. August 1, 1:00-4:00 p.m.

Do you wish to register for the SARE Sustainable Ag Super Seminar?
You will also need to register for Tour 28 on Tour Day as this Seminar relates directly to that Tour.

_____ Yes How many spots _____

**RISK & REWARD: SMALL UNMANNED
AIRCRAFT SYSTEMS (SUAS) FOR**

AGRICULTURAL USERS - Wed. August 1, 12:30-4:30 p.m.

Do you wish to register for the Drone Seminar? *Please note this does start during the typical lunchtime - no meal will be provided - but snacks will be provided during the 4 hour seminar. Please eat your lunch prior to attending. No fee is being charged.*

_____ Yes How many spots _____

HORTICULTURE PRE-TOUR

(How many people plan to attend _____)

Name(s): _____

ANIMAL SCIENCE PRE-TOUR

(How many people plan to attend _____)

Name(s): _____

NATURAL RESOURCES PRE-TOUR

(How many people plan to attend _____)

Name(s): _____

You will be invoiced for each of these tours separately - once final costs are determined.

**Award Luncheons/
Educational Seminars**

Several luncheon opportunities are listed for your consideration in the column to your right.

Preference will be given to Award Winners for final seating at each of the Award Luncheons. Limited seating is available for each of these functions, and your registration may be modified in order to make room for award winners. Other Ag Industry sponsored luncheons are also listed but will be on a first come/first served basis. Tickets are limited to each function based on sponsorship funding.

Bottom line...if you register early...you will have a good chance of getting a ticket...register late...plan on making your own arrangements.

Final notification of luncheon registrations will be identified on your AM/PIC registration confirmation no later than June 25, 2018. This confirmation will be sent to you electronically (mailed if you don't have an e-mail address).

Please note: NACAA Does not guarantee everyone a luncheon meal ticket. Many of these luncheons are sponsored and limited spots exist. Registering Early is recommended....and will help!

MEALS

Registration for the following meal functions - however tickets must be requested - or one will not be in your registration packet - or available on-site. All are included in the cost of your registration fee. Tickets are not available for non-registrants.

- | | |
|--|-------|
| | # |
| Sunday Evening - Welcome to TN (Grilled Chicken Breast) | _____ |
| Monday Evening - Southern States (Beef/Chicken/Salmon) | _____ |
| Thursday Breakfast (for tour attendees) | _____ |
| Thursday Farewell Evening Meal (BBQ Pork and Chicken) (after tour) | _____ |

ANNUAL BANQUET

Wednesday Evening August 1, 2018; 6:30 p.m.

(daily registrations do not include a banquet ticket - must be purchased separately - extra tickets for this event are available for purchase - see payment form). (Prime Rib) #

Do you plan to attend: Yes No _____

Sunday, July 29, 2018 (11:45 am - 1:15 pm)

- _____ National Committee Chairs & Vice Chairs Luncheon/Workshop (for current and incoming National Chairs/Vice Chairs only)
- _____ Past National Board Luncheon (\$30/person - fee on main registration page)
- Which office did you hold President Treasurer Secretary Director

Monday, July 30, 2018 (11:45 am - 1:15 pm)

- _____ Our Future Starts Now - AgVocate Breakfast (6:30-7:45 am) sponsored by Bayer CropScience
- _____ SFE Crop Production Luncheon
- _____ SFE Farm and Ranch Financial Management
- _____ SFE Consumer or Commercial Horticulture Luncheon
- _____ Excellence in 4-H Awards Luncheon
- _____ First Timers Luncheon (Spouses are welcome - but this event is the same time as Spouse Lunch - so please only sign up for 1)
- _____ Partnering to Spread 4R Knowledge - Educational Luncheon
- _____ Collaborative Efforts to Reach Citizens with Consumer Horticulture Information - Educational Luncheon

Tuesday, July 31, 2018 (11:45 am - 1:15 pm)

- _____ Poster Session Awards Breakfast (6:30 am - 7:45 am)
- _____ SFE Livestock Production Luncheon
- _____ SFE Young Beginning & Small Farmers Luncheon
- _____ State Officers (Pres/VP/Treas/Sec current & incoming) Luncheon
- _____ Tennessee Advanced Master Beef Producer Program - Educational Luncheon
- _____ Tennessee State University College of Agriculture Program Showcase - Educational Luncheon

Wednesday, August 1, 2018

- _____ National Committee Members Breakfast (Current and Incoming)
- _____ SFE - Sustainable Ag- Luncheon
- _____ SFE Farm Health & Safety Luncheon
- _____ Pipeline Ag Safety Alliance Educational Luncheon

Note: Achievement Award Breakfast, Communications Award Luncheon, Agricultural Awareness & Appreciation Award, Voting Delegates Breakfast - reservations are all handled by the National Committee Chairs/Officers - by invitation.

PROFESSIONAL IMPROVEMENT TOURS

Thursday, August 2, 2018

Participant's Name _____

		Last Name		First Name	
NOTE: If the spouse and children are participating in the same tour as the agent, please list the total number under the agent.					
AGENT	Tour No.	# of people on Tour	SPOUSE/GUEST	Tour No.	# of people on Tour
			(If different from Agent)		
1 st Choice	-----	-----	1 st Choice	-----	-----
2 nd Choice	-----	-----	2 nd Choice	-----	-----
3 rd Choice	-----	-----	3 rd Choice	-----	-----
4 th Choice	-----	-----	4 th Choice	-----	-----

LODGING INFORMATION
THIS MUST BE RETURNED WITH REGISTRATION FORM

HOUSING INSTRUCTIONS:

- Reservations will be made in the order received - but will be prioritized by number of room nights needed and availability.
- A Facilities fee for all Active and Life members is in force for this year's AM/PIC. **For those not making a hotel reservation through this lodging form - a \$250 fee will be added to your registration.**
- All reservations must be made with this housing form. You **WILL NOT** be allowed to make reservations directly with the contracted facility - all reservations must accompany a NACAA AM/PIC Registration Form and will be submitted to the hotels by NACAA.
- Room rates do not include tax which is currently 17.25% (subject to change).
- Rooms will be held using a credit card. To hold your room with another form of payment - please contact NACAA for options.
- The registration form must be postmarked before May 15, 2018 to guarantee accommodations.

Please **NUMBER (1,2,3)** your preference in each box (Marriott 300 Rooms, The Read House Hotel 80 rooms, Staybridge Suites 50 rooms, Days Inn Rivergate 25 rooms)

- | | |
|--|---|
| <input type="checkbox"/> Marriott Chattanooga Downtown
(Headquarters Hotel) | \$125 + tax
Self Parking \$11/day - Valet Parking \$15/day |
| <input type="checkbox"/> The Read House Hotel | \$139 + tax Valet Parking \$15/day |
| <input type="checkbox"/> Staybridge Suites | \$149 + tax Self Parking \$8/day |
| <input type="checkbox"/> Days Inn Rivergate - (Value Option - Outside Entrances) | \$99 + tax Free Parking |

Room Reservation should be made in the following name:

Please give Billing Address below for the Credit Card you plan to use to Guarantee Room. This address must match where your credit card billing statement is mailed to (home, office, etc.)

Name _____
(Last) (First)

Address _____

City/State/ZIP _____

Credit Card to Guarantee Room and Used at Checkout

Master Card ___ VISA ___ Discover ___ Amex ___

Person's name as it appears on card: _____

Card Number: _____

Expiration Date: _____

Signature _____

Arrival Date: _____ Time _____ AM/PM

Departure Date: _____ Time _____ AM/PM

Requested Room Type

- 1 Bed 2 Beds Handicap
 Crib Roll away (not available in rooms with 2 Beds)
 Other (please describe) _____

If you are sharing a room with other adults (other than spouse) you must list name in order for their name to be on the room as well. It is strongly recommended to send in your reservation forms together in order for the lodging reservations to be made correctly.

Sharing Room With: _____

Do you need a roommate? Yes No (Male Female)
NACAA will make every attempt to find you a roommate, however you are encouraged to find your own roommate as it may be difficult to determine roommate availability until late June, 2018.

Special Notes to Registration Committee:

SON'S AND DAUGHTER'S PROGRAMS

See Program for Details

PARTICIPANT'S Name _____

Last Name First Name Agent or Life Members name if not the same Last Name

Son's and daughter's registration will be held at the main registration desk at the Convention Center. Activities will begin with the orientation meeting following Opening Ceremonies Sunday, July 29. Adult chaperones must be registered for the meeting. This year's program is designed for youth ages 8 - 18. Youth 7 and under may participate only if accompanied by a parent or guardian that is registered for the events. All costs are included in the registration fee, including lunch. NACAA is unable to provide day care services for children.

PLEASE LIST THE NAME, AGE, AND T-SHIRT SIZE (DESIGNATE YOUTH OR ADULT SIZE) OF YOUR CHILDREN ATTENDING THE PROGRAMS. A = Adult, Y = Youth; XL = extra large, L = large, M = medium, S = small, XS = extra small. Extra large is only available in adults and extra small only in youth. If your child needs a youth large T-shirt, write YL in the space provided.

		T-Shirt				T-Shirt			
(Name)	Age	Size	Height	(Name)	Age	Size	Height	(Name)	Age
Child # 1 _____	_____	_____	_____	Child # 3 _____	_____	_____	_____	_____	_____
Child # 2 _____	_____	_____	_____	Child # 4 _____	_____	_____	_____	_____	_____

NOTE: Adults are welcome to attend and will be asked to assist as chaperones. Adults must accompany their children ages 7 and under on any activity. Please list any adults who will chaperone. Only sons & daughters and adult chaperones will be eligible for a T-Shirt.

		T-Shirt		T-Shirt
(Name)	Age	Size	(Name)	Size
Adult # 1 _____	_____	_____	Adult # 2 _____	_____

Please indicate the child and adult number from the above list that will be attending Son's & Daughter's Program.

	# Youth	# Adults	Youth & Adult's Name (s)
<u>SUNDAY, JULY 29</u>			
Orientation & Evening of Fun!	_____	_____	_____
	_____	_____	_____
<u>MONDAY, JULY 30</u>			
Ruby Falls and the TN Valley Railroad	_____	_____	_____
	_____	_____	_____
<u>TUESDAY, JULY 31</u>			
Lake Winnie Amusement Park and Soak Ya' Water Park	_____	_____	_____
	_____	_____	_____
<u>WEDNESDAY, AUGUST 1</u>			
Tennessee Aquarium	_____	_____	_____
	_____	_____	_____

Do you plan to take the Early Bus Ride back for DSA Banquet with Parents Yes

SON'S & DAUGHTER'S MEDICAL RELEASE FORM: Medical release forms will be required for all youth participants. Please complete the following page and submit WITH THIS REGISTRATION FORM - OR EMAIL TO: NACAAEMAIL@AOL.COM

2018 NACAA AM/PIC Sons & Daughters Release Form

This form must be completed in its entirety prior to youth participating in any 2018 NACAA AM/PIC Sons & Daughters Programs. Upon completion this form should be mailed with NACAA Registration or email to NACAAEMAIL@aol.com.

Please print.

PARTICIPANT'S NAME: _____

AGE: _____

I. MEDICAL INFORMATION

KNOWN ALLERGIES (food, drugs, insects, etc.): _____

SPECIAL MEDICAL CONCERNS OR CONDITIONS (contagious illnesses, epilepsy, asthma, diabetes, previous injuries, etc.):

SPECIAL DIETARY NEEDS: _____

MEDICATIONS CURRENTLY BEING TAKEN: _____

FAMILY PHYSICIAN: _____

PHONE: _____

ADDRESS: _____

If you are a person with disability and desire any assistive devices, services, or other accommodations to participate in the Sons & Daughters activities, please contact Chairs Jerri Lynn Sims, jsims4@utk.edu or Tracey Sullivan, tsulliva@utk.edu, to discuss accommodations no later than June 20, 2018.

II. INSURANCE INFORMATION

The NACAA purchases insurance for Son & Daughters activities and events. In some cases, this coverage may not cover some medical expenses and it may be necessary to bill the family or your insurance company.

HEALTH INSURANCE COMPANY: _____

COMPANY ADDRESS: _____

PHONE #: _____

POLICY #: _____

III. INFORMED CONSENT FOR TREATMENT

In the event that a participant needs minor medical care from AM/PIC Sons & Daughters program staff or more significant medical care from a qualified health care provider, including in rare cases possible hospitalization and/or surgery, the parent/guardian is asked to sign the informed consent form below. In case of serious medical condition, program staff will make every effort to notify the parent/guardian, but the first priority may be providing care to the participant.

I, _____, of _____

_____ (City, State), am the custodial parent/guardian of

_____, a minor child, age _____, date

of birth _____. I authorize any adult(s) acting as agents of the 2018 AM/PIC Sons & Daughters Program and in whose care the minor child has been entrusted, to do any acts which may be necessary or proper to provide for the health care of the minor child, including, but not limited to, the power (i) to provide for such health care at any hospital or other health care institution, or the employing of any physician, dentist, nurse, or other person for such health care, and (ii) to consent to and authorize health care, including administration of anesthesia, X-ray examination, performance of operation, and other procedures by physicians, dentists, and other medical personnel except the withholding or withdrawal of life sustaining procedures.

This consent shall be effective for the duration of the 2018 NACAA AM/PIC.

PARENT/GUARDIAN SIGNATURE: _____

DATE: _____

IV. PHOTOGRAPHIC, VIDEO, AND OPTIONAL PUBLICITY RELEASE:

I **DO** _____ or **DO NOT** _____ give permission to NACAA, through the 2018 AM/PIC Sons & Daughters Program to take photographs and/or video and/or audio or otherwise record individual images and likenesses of my child to use for NACAA educational, promotional, and/or marketing materials. I further consent that my name and identity may be revealed therein or by descriptive text or commentary.

I expressly release NACAA and the 2018 Sons & Daughters Program staff from any and all claims which I may have for invasion of privacy, right of publicity, defamation, copyright infringement, or any other causes of action arising out of the use, adaptation, reproduction, distribution, broadcast, or exhibition of such recordings of my child's individual (according to permission granted above) or group image, voice, or likeness.

I understand this permission is entirely optional, and that participants who do not give permission will remain eligible for Sons & Daughters program services, benefits, and privileges the same as those who do give permission.

SIGNATURE ACKNOWLEDGEMENT OF I, II, III, AND IV

PARTICIPANT NAME: _____

PARENT/GUARDIAN NAME: _____

PARENT/GUARDIAN SIGNATURE: _____

DATE: _____

PARENT/GUARDIAN PHONE #S: _____

HOME: (_____) _____ WORK: (_____) _____

CELL: (_____) _____

Reflections of an Old Arizona County Agent and Life Member

Rob Grumbles, Life Member 2014, Kingman, Arizona

I began my career as a County Agent with the University of Arizona July 1st, 1974 as Agriculture, Natural Resources and 4H Agent on the Hopi and Kaibab Paiute Reservations under the Bureau of Indian Affairs(BIA) contract with the University of AZ and the first Agriculture Agent to be in that position on these



Rob Grumbles

reservations. Extension was not new to the Hopi people as a Home Economist position had been in place for several years from the original BIA program. I was lucky to have Juanita Kavena in the position, she was a member of the Creek tribe from Oklahoma but married to a Hopi. With her connections and current programs, she was able to introduce me to the people and traditions. We both worked under the leadership and direction of Bob Racicot, County Director, Ag/NR Agent, Navaho County located in Holbrook, AZ about 75 miles from our office in Polacca. At that time, the Tribe was in a century old land dispute with the Navaho to re-establish its reservation lands after the courts and tribes had renegotiated their boundaries. But that's a long story, for another time.

It wasn't long after I started that I was informed by Bob Racicot, that as a new County Agent, I was considered a member of the AZ County Agents Association and by the way, Arizona was hosting the NACAA annual meeting that year in Tucson and all hands were going to be needed. This was my introduction to NACAA and AMPIC. As it turned out this experience was more shock and awe and liken to being hit right between the eyes with a hammer. I was assigned to the infamous pit barbeque group, the chair was Terry Wheeler. This would be the last event following the tours. This was okay with me as I had experience with pit meats in college and from my ranch/farm background. We were working under the direction of Stella Hughes, famous Chuck Wagon Cooking author and whose husband Mac was Ranch Manager of the San Carlos Apache Tribal commercial cattle operation. I had worked at San Carlos in a teaching position with Eastern AZ College before going to Hopi so I knew the Hughes' and Terry.

Working from the University Meats facility, we broke down beef carcasses (at that time boxed carcasses hadn't evolved), wrapping chunks of meat in cheese cloth and slicing in

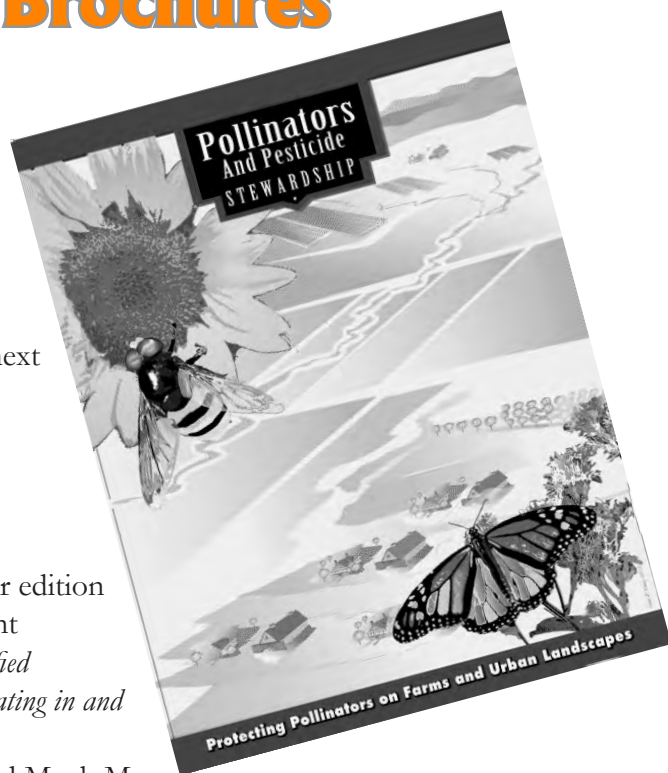
cloves of garlic and onions, and wrapping 3000 lbs. of meat in foil, burlap and baling wire. The event would be held at a horse boarding and riding arena along the Rillito River near the river bed. I remember as I surveyed the location asking Terry where the pit was going to be dug, and being told that Mrs. Hughes didn't use a pit but wanted a trench. As I thought about it, I told Terry my concerns about several aspects of the plan, such as digging in sand, getting it deep enough as to prevent cave-in and sand pulling heat away from the meat, but quickly realized with a glance from Terry, that I wasn't in charge. Truckloads of mesquite wood arrived from a local wood hauler. Then the backhoe started digging a trench over a football field in length and as I feared re-digging. A truck load of corrugated tin arrived and assuaged my fears as we lined trench sides with tin. Wood was piled high in the trench and set on fire to burn down to coals and more wood was continually fed into the deep beds. This was hot work with fall temperatures in Tucson still in the 90's. I knew that kegs of beer in horse troughs of ice would arrive later for the final showdown, but was water for now. Finally, it was time for the meat. We dipped the baling wire, foil and burlap wrapped meat in water and introduced it to the trench and covered the top with tin, and quickly sealed the edges as we went along. The covered meat would cook for 24 hrs., but needed to be tended for smoke and sealed with a shovel of sand. We were ready for the beer tap, but Stella was in charge. We still had a chuck wagon to set up and fire pits to dig for tubs of pinto beans, Dutch oven tatters, and her famous peach cobbler.

Buses were to arrive about 4:00 P.M. with the first loads of County Agents and families from their tours. All was going well for the first 60 yards of the trench but we noticed as we were pulling meat from the trench that it was cooler, and upon delivering to break down table, meat was, let's say rare. We set up grills to cook the meat further, but we just couldn't keep up with the lines of people and they were finally told that we just ran out of meat. As I watched from the sidelines, the bosses trying to dig out of this situation, I realized the great group of people that I was coming into, there was no shouting or finger pointing, just getting the facts worked out and moving on, finishing up on beans, Dutch oven tatters and Stella Hughes famous Peach Cobbler and a scoop of ice cream. I'll remember that day to my grave. Yes my early fears were confirmed as it was determined the sandier parts of the trench pulled the heat away from the meat. After that experience, all future pit barbeques produce a pang of fear until that package is opened and meat falls off the bone, always checking the soil structure and no trenches. I retired in 2014, and enjoy being a Life Member, and have attended the AM/PIC meetings to continue to stay in contact with friends I have made over the years. I was nominated by peers and inducted into County Agents Hall of Fame in 2015.

Pesticide Stewardship Brochures

NACAA has partnered with Syngenta on eight general pesticide stewardship brochures and two flyers to assist with pesticide educational efforts. These brochures are not specific to any geography, target site, pest, product, or company. These brochures are available to NACAA members FREE of charge for your use in programming efforts. Enter the number of copies you are interested in next to the specific brochure/flyer and submit to the address listed below. Your supply will be sent at no charge.

- ___1) 50 Ways to Treat Your Pesticide - English edition
- ___2) 50 Ways to Treat Your Pesticide - Spanish edition
- ___3) 50 Ways to Treat Your Pesticide - Aerial Applicator edition
- ___4) 50 Ways to Treat Your Pesticide - Pest Management Professional edition - *(for commercial, licensed or certified applicators and technicians under their supervision, for treating in and around structures)*
- ___5) The Value of Buffers for Pesticide Stewardship and Much More
- ___6) Pollinators and Pesticide Stewardship
- ___7) Dress for Success! Some Things to Know About Personal Protective Equipment BEFORE You Handle a Pesticide
- ___8) For Pesticide Mixers, Loaders, and Applicators - Some Things to Know About Personal Protective Equipment BEFORE You Handle a Pesticide (English, 2 pages, 8th gr. reading level)
- ___9) For Pesticide Mixers, Loaders, and Applicators - Some Things to Know About Personal Protective Equipment BEFORE You Handle a Pesticide (Spanish, 2-pages, 8th gr. reading level)
- ___10) An Ounce of Prevention! Integrated Pest Management (IPM) for Schools and Child Care Facilities – *(discussing all aspects of IPM, including safe pesticide use)*



Available Formats:

Quantities of the actual brochures that will be “well-used” can be ordered free of charge from carol.somody@syngenta.com by emailing this order form or a short note. No PO boxes, please! A copy of this form is also available at: <http://www.nacaa.com/countyagent/PesticideStewardship.php>

PDF versions of the brochures can be viewed or downloaded from the Pesticide Environmental Stewardship (PES) website at <http://pesticidestewardship.org/Pages/Resources.aspx> or from any of the partner websites. Any organization is also welcome to post these brochures on their own website.

Word versions of the brochures can be requested by any organization desiring to modify or extract content. Email carol.somody@syngenta.com to discuss logo swaps with or without content changes. Artwork and photos can be used if conditions of use are met. PowerPoint presentations to go with the brochures are also available upon request.

Pesticide educators are also welcome to use or adapt any content that appears directly on the PES website – it is not copyrighted. Thank you for your continued efforts on behalf of pesticide safety and stewardship education!

Thank You - NACAA Sponsors/Donors



Loadholtz inducted into Florida Agricultural Hall of Fame

NACAA Life Member, Lowell Loadholtz, now 80, reached a pinnacle in his career in the farm industry, getting inducted into the Florida Agricultural Hall of Fame on February 13, 2018.

During the Hall of Fame induction, Florida Commissioner of Agriculture Adam Putnam said Loadholtz “worked throughout his career to ensure that agriculture was top-of-mind with residents, as well as lawmakers in Tallahassee and Washington, D.C.”

Loadholtz worked for 33 years with the University of Florida Institute of Food and Agricultural Sciences as an extension service director and agent in Brevard, Escambia and Okeechobee counties. He planned more than 100 agriculture informational legislative days, seminars, tours and field days for growers, policy makers and media to showcase agricultural production, water

management issues and the environment.

Loadholtz was inducted into the NACAA Hall of Fame in 2016 as well as the Florida 4-H Hall of Fame in 2010.

Under his leadership, the Langley Bell 4-H Club Youth Building was built in Escambia County. Later, he led the planning, funding and construction of the Brevard County Agricultural Center and 4-H Horse Arena.

Loadholtz remains active in agriculture and community service through farm, livestock, 4-H youth programs, the Rotary Club, church and other public service activities.



Lowell Loadholtz

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The County Agent

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ANNUAL MEETING AND PROFESSIONAL IMPROVEMENT CONFERENCE DATES

2018 Chattanooga, Tennessee.....July 29-Aug. 2	2020 Virginia Beach, Virginia....July 19-24
2019 Forth Wayne, IndianaSeptember 8-12	2021 Philadelphia, Pennsylvania....July 4-8

Upcoming Issues of The County Agent Magazine

June, 2018	October, 2018	December, 2018
Open Topic	Committee/Awards Directory	Committee/Awards Directory
Deadline for Articles: May 20, 2018	Deadline for Articles: September 5, 2018	Deadline for Articles: December 5, 2018
Mail Date: June 15, 2018	Mail Date: September 25, 2018	Mail Date: December 30, 2018

Get Involved!

The Pipeline Ag Safety Alliance (PASA) is a dedicated group of pipeline companies working together with the NACAA to help prevent damage to buried utilities while keeping your clients, our infrastructure and our environment safe.

You can help farmers and ranchers dig safely and reach the goal of zero damages by utilizing the free tools PASA offers at

PipelineAgSafetyAlliance.com

**Damages caused by
 "Notification NOT Made"
 for occupants / farmers
 decreased by 38%**

- 2016 DIRT Report



**Let's
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**Know what's below.
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