

# 2023 Joint Conference of the Northern Nut Growers Association, the Chestnut Growers of America, and the Walnut Council Highlights

## OVERVIEW

The 2023 Joint Conference of the Northern Nut Growers Association (NNGA), the Chestnut Growers of America (CGA), and the Walnut Council (WC) will take place July 23-26, 2023 on the University of Missouri campus in Columbia, Missouri. Details can be found in the Spring 2023 *The Nutshell* or the NNGA website ([nutgrowing.org](http://nutgrowing.org)). Online registration is now closed. Register by calling or emailing Caroline Todd at 573-884-2874 or [toddcs@missouri.edu](mailto:toddcs@missouri.edu). Full registration includes program packet, favor, Sunday welcome reception, poster and Show and Tell sessions; Monday all-day field tours and evening live auction, Tuesday concurrent technical sessions and box lunch, Tuesday evening social and banquet, and the Wednesday technical session. Alternatively, register for the CAPS (companion and children) program which includes Sunday welcome reception, Monday live auction, Tuesday tour at Warm Springs Ranch, lunch at the A-Frame Winegarden on the Blufftop, optional afternoon wine tasting, and the social and banquet. Registration does not include transportation or lodging. Plan to use your own vehicle or arrange for carpooling at the conference for off-campus activities, Monday's field trip to HARF, and Tuesday's companion tour.

Reservations and payments for on-campus housing should have been made already. Most folks are staying in the residence halls or at the Hampton Inn and Suites Columbia at the University of Missouri, 1225 Fellows Place (not the one at 3410 Clark Lane) about a half mile from the conference venue. To make reservations call 573-214-2222. Rooms include a free hot breakfast and free parking. There



*HARF haybarn (main field tour venue)*



*Anheuser Busch Natural Resources Building*

are numerous other hotels at all price points in the Columbia area. Check out the [visitcolumbiamo.com](http://visitcolumbiamo.com) website for local information on lodging, restaurants, shopping, etc.

There will be an opportunity to participate as a donor or bidder in a live or silent auction or both. Donation sheets will be available at the conference or on the NNGA website to indicate which organization(s) is to receive proceeds. Proceeds to the NNGA and the WCF go into their grants programs to fund tree-related research and other projects.

Board meetings are scheduled for the NNGA and WCF Sunday morning and the WC, NNGA, and CGA Sunday afternoon. All three organizations will have their business meeting early Tuesday morning.

Post-conference tour options for Wednesday afternoon depend on the interest expressed on the registration form. As the post-conference tour options are organized, they will be announced on the NNGA ([nutgrowing.org](http://nutgrowing.org)) and WC ([walnutcouncil.org](http://walnutcouncil.org)) websites. Those already organized include Brundage/Wilson HTIRC walnut clone trial; Missouri Pacific Lumber, and Chestnut Charlie's Organic Tree Crops.

# CONFERENCE AGENDA—SUNDAY

On Sunday, we will have organizational meetings throughout the day at the Anheuser-Busch Natural Resources (ABNR) building or the Hampton Inn at the University of Missouri-Columbia. Mid- to late afternoon, you should be able to register, pick up of keys for on-campus residence hall lodging, set up posters, displays, and exhibits (see below for times). In the evening, we will have a welcome reception, poster session, and the traditional Show and Tell (Lightning talks) program.

## Sunday, 23 July 2023

9:00 AM	<b>NNGA Board of Directors Meeting</b> 9:00 AM – 12:00 PM <i>210 ABNR Building</i>	<b>Walnut Council Foundation Board of Directors Meeting</b> 10:00 AM – 11:30 AM <i>Hampton Inn Columbia at the University of Missouri</i>	
9:30 AM			
10:00 AM			
10:30 AM			
11:00 AM			
11:30 AM			
12:00 PM	<b>Lunch on your own</b> 12:00 – 1:00 PM <i>Suggestion – Student Center Cafeteria or Plaza 900</i>	<b>Walnut Council Board of Directors Meeting</b> 11:30 AM – 3:30 PM <i>Hampton Inn Columbia at the University of Missouri</i>	
12:30 PM			
1:00 PM	<b>NNGA Board of Directors Meeting</b> (continued from morning session) 1:00 – 3:30 PM <i>210 ABNR Building</i>		
1:30 PM			
2:00 PM			
2:30 PM			
3:00 PM			
3:30 PM	<b>CGA Board of Directors Meeting</b> 3:30 – 4:30 PM <i>210 ABNR Building</i>	<b>REGISTRATION</b> 3:30 – 7:00 PM <i>ABNR Lobby</i>	<b>Set up Posters, Exhibits, and Silent Auction</b> 3:30 – 6:00 PM <i>ABNR Lobby and Room 123</i>
4:00 PM	<i>Dinner on your own if you don't care for pork BBQ and sides - see the restaurant list at <a href="http://www.visitcolumbiamo.com">www.visitcolumbiamo.com</a></i> 4:00 – 5:30 PM		
4:30 PM			
5:00 PM			
5:30 PM			
6:00 PM	<b>Welcome Whole Hog BBQ with Vegan Sides Picnic Dinner and Reception with Cash Bar</b> 5:45 – 7:00 PM <i>ABNR Lobby</i>		<b>First Poster Session</b> 6:00 – 7:00 PM <i>ABNR Lobby or Room 123</i>
6:30 PM			

# CONFERENCE AGENDA—SUNDAY

## Sunday Evening Show & Tell / Lightning Talks

<b>SHOW &amp; TELL</b> , Mike Gold, Moderator <i>ABNR Conservation Hall</i>	
7:10 PM	<b>Welcome</b> —Mike Gold 7:10 – 7: 20 PM
7:20 PM	<b>Charlie Novogradac</b> , Construction and Operation of a Low-Cost Air Cleaner For Small Chestnut Orchards 7:20 – 7:30 PM
7:30 PM	<b>Jeff Polfer</b> , Abundant Harvests, Soil Health, Nutrients and Plant Health 7:30 – 7:40 PM
7:40 PM	<b>Rick Hartlieb</b> , Setting Up a New Diversified Orchard with Hazelnuts and Chestnuts 7:40 – 7:50 PM
7:50 PM	<b>Bill Hammitt</b> , Establishing Clover Cover Crops in Black Walnut Plantations 7:50 – 8:00 PM
8:00 PM	<b>John Kelsey</b> , NNGA Cultivar Inventory Database 8:00 – 8:10 PM
8:10 PM	<b>Field Day Logistics</b> —Mike Gold 8:10 – 8:30 PM
8:20 PM	

## Poster Sessions, ABNR Lobby

**Sunday July 23, 7:00—7:30 PM & Monday July 24, 6:30—7:00 PM**

- **Stephanie Adams**, *Oak Wilt and Chestnut Orchards: What's going on?*
- **Casey Calvert and Tim Martinson**, *Forestry Co-ops: A Model to Consider*
- **Alyssa Dunnivan, et al.**, *Missouri's Thousand Cankers Disease Survey*
- **Aziz Ebrahimi, et al.**, *Conserving Threatened Butternut Trees Using a Multi-nomics Approach*
- **Carrie J. Fearer and Anna Conrad**, *Walnut Witches'-broom Disease: A Threat to Butternut Restoration*
- **Matthew Huchteman**, *Weed Management Trials in Elderberry*
- **Benjamin Jablonski, (Nolan Monaghan) et al.**, *Quantitative Trait Loci Detected for Bearing Habit and Nut Characters in a 'Sparrow' x 'Schessler' Juglans nigra Mapping Population*
- **Caleb Kell, et al.**, *Mixed Nuts: Evaluating Field Performance and Improving Regeneration of Pure and Hybrid Butternut*
- **Shaneka Lawson, et al.**, *Precocity studies in Quercus bicolor: Does size matter?*
- **Shaneka Lawson, et al.**, *Growth patterns and soil suitability studies in Juglans nigra L. and Quercus rubra L. plantations*
- **Amy Miller and Melanie L. Lewis Ivey**, *Chestnut Anthracnose aka Blossom End Rot*
- **Tim Martinson and Greg Vogel**, *Walnut Council Impacts: Survey Results on Number and Size of Walnut Plantations*
- **Jim McKenna and Caleb Kell**, *Blight Resistance of OxO American Chestnut in Indiana*
- **Jim McKenna and Hugh Pence**, *Bark Cracking of Walnut Trees - a Tough Nut to Crack*
- **Sydney Moore**, *A Genotype by Environment Study Incorporating Promising American Elderberry Cultivars*
- **Andrew Newhouse and William A. Powell**, *Development and Regulatory Review of Transgenic American Chestnut Trees for Environmental Restoration*
- **Caleb O'Neal, et al.**, *Direct Field Propagation of Elderberry*
- **Sarah Phipps and Rosalee Knipps**, *Have You Spotted This Invader? Spotted Lanternfly*
- **Andrew Thomas, et al.**, *Shaking Black Walnut Trees for an Earlier and More Valuable Nut Harvest*
- **Michele Warmund and Jerry Van Sambeek**, *GA<sub>4+7</sub> soak before stratification enhances walnut seedling production*

# CONFERENCE AGENDA—MONDAY

## Monday, 24 July 2023—Day

7:30 AM	<b>Travel to and mingle over coffee at the Horticulture and Agroforestry Research Farm (HARF)</b>			
8:00 AM	7:30 – 8:45 AM <i>10 Research Center Road, New Franklin, MO 65274 (I-70 West to US 40 West to Hwy 5 North into New Franklin, watch for signs)</i>			
8:30 AM	<b>Ron Revord, Welcome and Field Day Logistics and select tour</b> 8:45 – 9:00 AM			
9:00 AM	<b>Wagon Tour 1 (Near Loop):</b> Mike Gold and Nick Meier -- Chestnut Repositories 1 and 2; and Chestnut Cultivar Trial 9:00 – 11:00 AM	<b>Wagon Tour 2 (Far Loop):</b> Ron Revord -- Black Walnut Mapping Populations; Walnut Selection Trials; and Hazelnut Breeding Block 9:00 – 11:00 AM	<b>Tour 3 (Walking):</b> Mark Coggeshall, Shaneka Lawson, and J. Bryan Webber -- Black Walnut Repository and Progeny Block; Swamp White Oak Planting; and Hazelnut Selection and Cultivar Traits 9:00 – 11:00 AM	
9:30 AM				
10:00 AM				
10:30 AM				
11:00 AM	<b>Demonstration Stops around Hay Barn</b> -- Chestnut, Pecan, and Walnut Harvesters; Electric Deer Fencing; Orchard Irrigation; Elderberry Culture and Weed Management Trial (Huchteman); Grafting and Control Pollination videos; Black Walnut Repository and Selection Trial (Meier) 11:00 AM – 12:30 PM		<b>Lunch #1 for those going on timber management field trip in the afternoon</b> 11:30 AM – 12:00 PM	
11:30 AM				
12:00 PM			<b>Lunch #2 for those remaining at HARF for additional Wagon or Walking tours</b> 12:00 – 12:30 PM	
12:30 PM	<b>[Repeat] Wagon Tour 1 (Near Loop)</b> 12:30 – 2:30 PM	<b>[Repeat] Wagon Tour 2 (Far Loop)</b> 12:30 – 2:30 PM	<b>[Repeat] Tour 3 (Walking)</b> 12:30 – 2:30 PM	<b>Drive to Alternate Timber Management</b> <i>Field Tour at 301 North Highway UU. From HARF, cross I-70 and take Highway UU south about 1 mile.</i> 12:15 – 1:00 PM
1:00 PM				<b>Welcome to Timber Management Field Tour, Mike Trial, Juglans Nigra Enterprises</b> 1:15 – 1:30 PM
1:30 PM				<b>Rotate among four field stops:</b> Controlling Bush Honeysuckle and other Invasive Species (Stelzer), Alternative Vegetation to Grasses (Ronkowski), Tree Spacing and Thinning (Butler), Small Log Utilization (Trial) and the Equipment Display. 1:30 – 4:00 PM
2:00 PM				
2:30 PM	<b>[Repeat] Wagon Tour 1 (Near Loop)</b> 2:30 – 4:30 PM	<b>[Repeat] Wagon Tour 2 (Far Loop)</b> 2:30 – 4:30 PM	<b>[Repeat] Tour 3 (Walking)</b> 2:30 – 4:30 PM	
3:00 PM				
3:30 PM				
4:00 PM				<b>Return to Columbia</b> 4:00 – 4:30 PM
4:30 PM	<b>Return to Columbia</b>			
5:00 PM	4:30 – 5:15 PM			

## CONFERENCE AGENDA—MONDAY

◀ Monday's activities include a field trip to the Horticulture and Agroforestry Research Farm (HARF) with optional afternoon trip to a local walnut planting. You will need to use your own vehicle or carpool with others for the field tours. At HARF, we have scheduled three tours that will be repeated three times along with events around the haybarn and showing of podcasts within the haybarn on topics we cannot tour in the summer. In the evening you, will have a second chance to visit with the poster presenters before the NNGA has its annual live auction.

### Monday, 24 July 2023—Evening

5:30 PM	5:30 – 7:00 PM	
6:00 PM	<b>Dinner on your own</b>	
6:30 PM	Check out options at <a href="http://www.visitcolumbiamo.com">www.visitcolumbiamo.com</a> for restaurant list by cuisine types	<b>Live Auction Setup</b>
7:00 PM	<b>Second Poster Session</b> 7:00 – 7:30 PM ABNR Lobby	6:30 – 7:30 PM ABNR Conservation Hall
7:30 PM	<b>LIVE AUCTION</b>	
8:00 PM	Proceeds will be used to support tree related research and special projects.	
8:30 PM	7:30 – 9:30 PM <i>ABNR Conservation Hall</i>	
9:00 PM		



# CONFERENCE AGENDA—TUESDAY

Tuesday begins the technical side of the conference with two concurrent sessions. Moderators are expected to keep talks on time so you can switch between sessions. At the end of the afternoon break, the Walnut Council Foundation will close their silent auction that supports their research grants and special projects program. A companion (CAPS) program is being planned to include a tour at the Warm Springs Ranch and lunch at the A-Frame Winegarden on the Blufftop with an optional afternoon wine tasting. In the evening, we will have our traditional banquet preceded by a social and the group photo. Price of admission to social/banquet was included in the full and CAPS registration, so we are expecting everyone to attend, renew old acquaintances, and share their experiences on managing trees for nuts and timber.

## Tuesday, 25 July 2023—Morning

7:00 AM	<b>Coffee available in ABNR Lobby</b> 7:00 – 8:00 AM		
7:30 AM	<b>NNGA Business Meeting</b> 7:45 – 8:15 AM ABNR 210	<b>Walnut Council Business Meeting</b> 7:45 – 8:15 AM Agriculture Sciences Bldg. Room 2-16	<b>Chestnut Growers of America Business Meeting</b> 7:45 – 8:15 AM ABNR 104
8:00 AM	<b>Welcome &amp; Logistics, Mike Gold</b> 8:20 – 8:30 AM ABNR Conservation Hall		
8:30 AM	<b>Ron Revord, Keynote Presentation – Update on UMCA Chestnut and Other Nut Tree Research</b>		<b>Companion or CAPS Program</b> <i>Meet in the Hampton Inn lobby, travel to Warm Springs Ranch in the morning, have lunch at the A-Frame Winegarden on the Blufftop, and stop for an optional afternoon wine tasting. Travel on your own (carpool), tour ticket and lunch included with CAPS registration.</i> 8:30 AM – 3:00 PM
9:00 AM	8:30 – 9:15 AM		
	<b>Concurrent Session A Morning</b> Mike Gold, Moderator ABNR Conservation Hall	<b>Concurrent Session B Morning</b> Hank Stelzer, Moderator Agriculture Sciences Bldg. Room 2-16	
9:20 AM	<b>Jeanne-Romero-Severson, AIMS: Update on Chestnut Ancestry</b>	<b>Thomas Goff, Black Walnut in the Eastern U.S. – Current Status and Recent Trends Based on FIA Data</b>	
9:40 AM	<b>Mike Nave, Cross Species Breeding For Eastern Chestnut Growers</b>	<b>Brian Brookshire, Eastern Black Walnut, An Industry Perspective on Domestic and International Lumber and Log Markets</b>	
10:00 AM	<b>Greg Miller, Grafts vs Seedlings for Chestnut Production</b>	<b>Q and A for Goff and Brookshire</b>	
10:20 AM	<b>BREAK</b>		
10:40 AM	<b>Amy Miller, Our Experience with Oak Wilt in Our Chestnut Orchards</b>	<b>Tim Martinson, Economics and the Walnut Council</b>	
11:00 AM	<b>Seth Gillim, Success, Challenges, and Opportunities of Scaling Regenerative Chestnut Agroforestry</b>	<b>Lenny Farlee, Timber Basis and Taxation Considerations</b>	
11:20 AM	<b>Louis Naeger, Planning for Farm Succession</b>	<b>Joe Alley, Introduction to USDA Programs for Tree Establishment and the Management of Tree Plantations and Forest Stands</b>	
11:40 AM	<b>Charlie Novogradac, Practical Tips, Cautions Observations, and yet to be Tried Ideas on Establishing Chestnuts Organically</b>	<b>Q and A for Martinson, Farlee, and Alley</b>	

# CONFERENCE AGENDA—TUESDAY

## Tuesday, 25 July 2023—Afternoon

12:00 PM	<b>Box Lunch in ABNR Lobby</b>		<b>CAPS Program, continued</b>
12:30 PM	12:00 – 1:00 PM		
	<b>Concurrent Session A Afternoon</b> Ron Revord, Moderator <i>ABNR Conservation Hall</i>	<b>Concurrent Session B Afternoon</b> Lenny Farlee and Jerry Van Sambeek, Moderators <i>Agriculture Sciences Bldg. Room 2-16</i>	
1:00 PM	<b>Chestnut Marketing Panel</b> , Mike Gold, Moderator; Amy Miller, Route 9 Co-op, Roger Blackwell, Chestnut Growers, Inc.; Roger Smith, Prairie Grove Chestnut Growers; Debbie Milks, Chestnut Charlie's Organic Nuts; Tom Wahl, Red Fern Farm	<b>Shaneka Lawson, et al.</b> , <i>Growth Patterns And Soil Suitability Studies in Juglans nigra L. and Quercus rubra L. plantations</i>	
1:20 PM		<b>Jerry Van Sambeek</b> , <i>Hardwood Fertilization For Timber and Nuts</i>	
1:40 PM		<b>Q and A for Lawson and Van Sambeek</b>	
2:00 PM	<b>REFRESHMENT BREAK</b> <i>Silent Auction closes at 2:20 PM.</i>		
2:20 PM	<b>Thomas Molnar</b> , <i>An Update on New Cultivars from Rutgers University and Strategies for Propagation</i>	<b>Stephanie Adams and Fredric Miller</b> , <i>Oak Decline and Death in Illinois: What Role Does Phytophthora Play?</i>	
2:40 PM	<b>Dan Jacobs, John Capik, and Thomas Molnar</b> , <i>Making Informed Decisions On Pollinizer Selection and Distribution Throughout a Hazelnut Orchard</i>	<b>Bruce Moltzan</b> , <i>National Perspective on Developing Forest Health Issues</i>	
3:00 PM	<b>Nick Meier and Ron Revord</b> , <i>Breeding for Durable EFB Resistance Through the Hybrid Hazelnut Consortium</i>	<b>Matt Ginzel</b> , <i>Hardwood Tree Improvement And Regeneration Center's Strategic Responses to Forest Health Threats</i>	
3:20 PM	<b>Jason Fischbach</b> , <i>Update on Hazelnut Germplasm and Industry Development From the Upper Midwest Hazelnut Development Initiative</i>	<b>Q and A Forest Threats with Adams, Moltzan, and Ginzel</b>	
3:40 PM	<b>Warren Chatwin</b> , <i>Picturing Pecans: New Cultivar Releases and Modernizing the USDA ARS Pecan Breeding Program</i>	<b>Ben Knapp and John Kabrick</b> , <i>Contributions of Hardwood Forest Management to Climate-smart Forestry</i>	
4:00 PM	<b>Dan Shepherd</b> , <i>My Mistakes In 50 Years of Being a Pecan Farmer</i>	<b>Hank Stelzer</b> , <i>White Oak Initiative Update</i>	
4:20 PM	<b>Rodney Dever</b> , <i>Who Needs Pawpaw Cultivars?</i>	<b>Lauren Pile</b> , <i>Controlling Invasive Plants and Grape Vines in Hardwood Plantings</i>	
4:40 PM	<b>Andy Newhouse and William A. Powell</b> , <i>Development and Regulatory Review of Transgenic American Chestnut Trees for Environmental Restoration</i>	<b>Q and A on Forest Management with Knapp, Schweiss, Stelzer and Pile</b>	
5:00 PM	<b>BREAK</b>		

## CONFERENCE AGENDA—TUESDAY

### Tuesday, 25 July 2023—Evening

6:00 PM	<b>Social with Cash Bar</b> <i>Brewer Field House</i>
6:30 PM	6:15 – 7:00 PM <b>Group Photo</b> from 6:30 – 6:45 PM <i>Traditions Plaza (Conservation Hall in case of rain)</i>
7:00 PM	<b>Banquet and Program</b> <i>Brewer Field House</i>
7:30 PM	7:00 – 8:00 PM
8:00 PM	<b>Keynote Speaker, Shawn Mehlenbacher</b> , <i>Hazelnut as a Model for Tree Crop Breeding</i> 8:00 – 8:45 PM
8:30 PM	<b>Chestnut Growers of America</b> announcements and 2024 NNGA/CGA meeting 8:45 – 9:00 PM
9:00 PM	<b>Walnut Council</b> Announcements, Walnut Achievement Award, and Recognitions 9:00 – 9:15 PM
9:15 PM	<b>Northern Nut Growers Association</b> Announcements, Big Nut, Awards, Roll Call of States 9:15 – 9:30 PM

## CONFERENCE AGENDA—WEDNESDAY

We conclude the conference on Wednesday morning with a joint technical session. We have asked poster presenters to leave posters up until after the break as a concurrent activity. For the afternoon, depending on interest, we are arranging for several post conference field tours. Hopefully you will participate in one as you travel home.

### Wednesday, 26 July 2023

8:00 AM	<b>Coffee available in ABNR lobby</b>
8:15 AM	<b>Welcome and Announcements</b> , Greg Miller, NNGA President 8:15 – 8:30 AM <i>ABNR Conservation Hall</i>
	<b>Session C Presentations</b> , Greg Miller, Moderator <i>ABNR Conservation Hall</i>
8:30 AM	<b>Mark Coggeshall, Ron Revord, and Nick Meier</b> , <i>Past, Present, and Future of Black Walnut Breeding at the University Of Missouri Center for Agroforestry</i>
9:00 AM	
9:20 AM	<b>Doug Wallace</b> , <i>Using NRCS Web Soil Survey for Evaluating and Developing Hardwood Plantings</i>
9:40 AM	<b>Chung-Ho Lin</b> , <i>Exploring the Economic Opportunities and Health Benefits of Black Walnuts (Juglans nigra)</i>
10:00 AM	<b>BREAK</b>
10:20 AM	<b>Bill Stouffer</b> , <i>Alley-cropping, Tree Management, and Nut Production</i>
10:40 AM	<b>Josh Payne</b> , <i>Cover Crops and Soil Health Impacts for Orchards and Tree Plantings</i>
11:00 AM	<b>Samantha Bosco</b> , <i>Updates on Efforts to Map the Demand for Agroforestry – Research Gaps, Bottlenecks, and Possible Solutions</i>
11:20 AM	<b>Brian Hammons and Pierce Hollingsworth</b> , <i>Nut Markets for the BOLD, WILD Walnut’ – Flavorful, Healthy &amp; Sustainable</i>
11:40 AM	<b>Announcements, Wrap Up, and Closing</b> —Mike Gold, Ron Revord, and Greg Miller
Afternoon	<b>Post-Conference Field Tours</b> <i>Handouts available at registration desk with information on what tours are arranged.</i>



# Tuesday's Companion Tour

The companion tour fees and lunch are included in the companion registration. Travel is on your own (carpooling is encouraged) and maps/addresses will be provided. Plans are to tour the Warm Springs Ranch in the morning, stop for lunch at the A-Frame Winegarden on the Blufftop, and, for those who wish, participate in a wine, beer, and/or spirits tasting on the return trip to Columbia.

## Warm Springs Ranch

([www.warmspringsranch.com](http://www.warmspringsranch.com))

is the official breeding facility of the Budweiser Clydesdales. It is home to more than 70 Clydesdales ranging from foals to stallions. Learn all about how our Clydesdales are raised, discover their mannerisms, hear about what it takes to make the hitch, and more! Tour admission included in CAPS registration. Cameras are permitted throughout the tour. This tour route is ADA compliant and handicap accessible.



shareable picnic-style menu options, and an unbeatable blufftop view. Choose 1 entrée or starter and 1 nonalcoholic beverage from the picnic-style menu as part of your CAPS registration.

At **The Tasting Room on The Blufftop**, taste award-winning wine from Les Bourgeois Vineyards and discover exciting new wine brands like Mizzou Vintage and The Blufftop's premium line, Blufftop Cellars. A partnership with Broadway Brewery and Rocheport Distilling Company provides craft beer and spirits options too. Wine tasting and purchases are on your own.



The **A-Frame Winegarden on the Blufftop** is a rustic, A-Frame structure overlooking the Missouri River near Rocheport. It is a beautiful outdoor wine garden, restaurant, and the original location of Les Bourgeois Winery. Visitors can enjoy their favorite Les Bourgeois Vineyards libations,

8:30 AM	8:30 – <b>Meet in the Hampton Inn University of Missouri lobby to carpool</b> (1225 Fellows Pl, Columbia)	
	8:45 – <b>Depart Hampton Inn University of Missouri for Warm Springs Ranch</b> , 3118 25270 MO-98, Boonville, MO 65233 (24 mins, 19 miles)	
	9:15 – <b>Arrive Warm Springs Ranch</b>	
9:00 AM		
9:30 AM	<b>Warm Springs Ranch Tour</b>	
10:00 AM		
10:30 AM	Tour finished, restrooms, gift shop, relax	
11:00 AM	11:00 – <b>Depart for The A-Frame Winegarden on The Blufftop for lunch</b> (8 mins, 6 miles), 14020 W Hwy BB, Rocheport, MO 65279	
11:30 AM		
12:00 PM	11:15 – <b>Arrive at The A-Frame Winegarden on the Blufftop outdoor patio for lunch</b>	
12:30 PM	Return to Columbia (Hampton Inn, 1225 Fellows Pl) (23 mins, 15 miles)	<b>Optional wine tasting at The Tasting Room on The Blufftop</b> , 12847 W Hwy BB, Rocheport, MO 65279 (3 mins, 1.2 mi) just off I-70 on return trip to Columbia
1:00 PM		
1:30 PM		<b>Return to Columbia</b> on your own schedule. (20 mins, 14 mi to Hampton Inn, 1225 Fellows Pl, Columbia)
2:00 PM		
2:30 PM		



