

80th Annual Oklahoma Turfgrass Conference & Trade Show
PREPARED TO PERFORM: TURFGRASS IN AN ERA OF EXTREMES
November 19 – 20 | Tulsa Tech Owasso Campus | 10800 N 137th E Ave, Owasso, OK 74055

Wednesday, November 19, 2025

Morning General Session

Time	Morning General Session – Sycamore Room
8:00 am	<i>Welcome and Introductions</i> – Dr. Charles Fontanier, Education Chair - OTRF, OSU
8:05 am	<i>OSU Turfgrass Program Updates</i> – Dr. Justin Moss, Dept Head, Horticulture & Land. Arch., OSU
8:10 am	<i>Cultivar Updates for the Southern and Transition Zones</i> Dr. P. Agustin Boeri, Texas A&M AgriLife Center - Dallas
9:00 am	<i>Tips on Ticks in Oklahoma*</i> Dr. Jonathan Cammack, OSU #OK20250496 – Approved for 1 ceu in Category 10, 3A, 8
9:50 am	<i>Break</i>
10:00 am	<i>OTRF Hall of Fame Induction</i>
10:05 am	<i>Oklahoma's Golf Legacy</i> Colton Craig, Smyers, Craig, & Coyne
10:50 am	<i>Trade Show</i>
11:30 am	<i>Lunch and Annual OTRF Business Meeting</i>
12:45 pm	<i>Afternoon Breakout Sessions</i>

Wednesday, November 19, 2025

Time	Golf Session	Time	Sod Session	Time	Lawn and Grounds	Time	General Turf, Equipment, and Irrigation
	Sycamore		Maple		Redbud		Poplar
12:45 pm	<i>The Rise of Autonomous Mowers: What It Means for You</i> Tom Gould, Agronomist – Central Region, USGA	12:45 pm	<i>Precision in the Field: Targeted Spray Application for Sod Production*</i> Ms. Amy Wilber, Mississippi State University <i>#OK20250497– Approved for 1 ceu in Category 10, 3A, 1A, Private</i>	12:45 pm	<i>Soil Nutrition for the Lawn and Landscape</i> Dr. Daniel Adamson, OSU	12:45 pm	<i>Turfgrass Management for Water Conservation</i> Dr. P. Agustin Boeri, Texas A&M AgriLife Center - Dallas
1:45 pm	<i>Nutrient Management for Turfgrass</i> Dr. P. Agustin Boeri, Texas A&M AgriLife Center – Dallas	1:45 pm	<i>Exciting Additional Plants for Sod Production: Discussion Panel</i> – Drs. Charles Fontanier, Dennis Martin, Mingying Xiang	1:45 pm	<i>Rain Gardens and Low Impact Development Applications: Sustainable Tools for Landscape Professionals</i> Professor Qing Luo, OSU	1:45 pm	<i>Principles of Hydraulics - Understanding Irrigation Systems</i> David Gerken, OSU
2:45 pm	Break	2:45 pm	Break	2:45 pm	Break	2:45 pm	Break
2:55 pm	<i>Beyond Blanket Sprays: Smarter Application Technology for Golf*</i> Ms. Amy Wilber, Mississippi State University <i>#OK20250498– Approved for 1 ceu in Category 10, 3A</i>	2:55 pm	Updates on OSU Bermudagrass Breeding Dr. Yanqi Wu, OSU	2:55 pm	<i>Soil Mycorrhizae and Turf</i> Teal Hendrickson, PhD Candidate, OSU	2:55 pm	<i>Design, Components and Troubleshooting a Two-wire Irrigation System</i> Jon Miller, Area Sales Manager, Site One
		3:25 pm	<i>Electronic Turfgrass Certification Program</i> Robert Calhoun, Executive Director OCIA, OSU				
3:55 pm	<i>Karsten</i> Kyle Callahan, Superintendent – Karsten Creek Golf Club	3:55 pm	<i>Oklahoma Sod Producer Association Roundtable</i> Jason Stunkard, President, OSPA	3:55 pm	<i>Looking Back on Lawn Afflictions of 2025 to Prepare for the Future*</i> Dr. Dennis Martin, OSU <i>#OK20250499– Approved for 1 ceu in Category 10, 3A</i>	3:55 pm	
5:00 pm	Adjourn			5:00 pm	Adjourn	5:00 pm	Adjourn

Thursday, November 20, 2025

Time	Speaker and Topic
7:55 AM	<i>Welcome and Introductions – Prize Drawing – Must Be Present to Win</i>
8:00 AM	<i>Building Resilient Weed Control Programs for Transition Zone Turf*</i> Ms. Amy Wilber, Mississippi State University #OK20250500– <i>Approved for 1 ceu in Category 10, 3A</i>
9:00 AM	<i>Update on Common Diseases of Turfgrasses*</i> Dr. Nathan Walker, OSU #OK20250501– <i>Approved for 1 ceu in Category 10, 3A</i>
10:00 AM	<i>Break and Refreshments</i>
10:15 AM	<i>Nozzle and Sprayer Technologies*</i> Dr. John Long, OSU #OK20250502– <i>Approved for 1 ceu in Category 10, 3A, 1A, Private</i>
11:15 AM	<i>Lunch, Trade Show Open, Prize Drawing</i>
12:30 PM	<i>Managing Herbicide Applications on Drought-Stressed Turf*</i> Dr. Mingying Xiang, OSU #OK20250503– <i>Approved for 1 ceu in Category 10, 3A</i>
1:30 PM	<i>Pesticide Certification and Unwanted Pesticide Disposal Program*</i> Charles Luper, Pesticide Coordinator, OSU #OK20250504– <i>Approved for 1 ceu in Category 10, 3A, 1A, Private</i>
2:30 PM	<i>Grand Prize Drawing – Must Be Present to Win – Adjournment</i>

* Stars indicate presentations that have been approved for 1 Oklahoma Certified Pesticide Applicator ceu in the respective categories provided that attendees are present and meet sign-in and attendance criteria.

Speaker Bios



Dr. P. Agustin Boeri, Assistant Professor & Turfgrass Extension Specialist for the Texas A&M AgriLife Center – Dallas. Dr. Boeri focuses his extension and research program on water quantity and quality, fertilizer use, turfgrass selection, and effective weed and pest management.



Dr. Jonathan A. Cammack is an Assistant Professor in the Department of Entomology and Plant Pathology, and the State Extension Specialist for Livestock Entomology and Parasitology with the Oklahoma Cooperative Extension Service. He teaches undergraduate courses in livestock entomology and forensic entomology.



Colton Craig of Smyers, Craig, & Coyne is an Oklahoma State graduate with honors in Landscape Architecture. Colton's journey includes winning the prestigious World 100 Club Architectural Fellowship, which allowed him to study over fifty legendary links courses in Scotland. At 25, Colton started his own design firm, marking the beginning of his journey. At his current firm, their design philosophy aims to “champion design through subtraction” to focus on simplicity, timelessness and creative thinking.



Tom Gould is based in Chicago, Illinois and is a consulting agronomist for the USGA Green Section. Tom received his bachelor's and master's degrees from Iowa State University in Horticulture with an emphasis in Turfgrass Management. While completing his master's degree, Tom worked full-time as a Research Scientist, managing turfgrass areas and research trials. He additionally was an integral part of the field renovation of Jack Trice Stadium- Iowa State's football field. Prior to joining the USGA staff, Tom was the assistant golf course superintendent at Chicago Golf Club in Wheaton, Illinois.



Ms. Amy Wilber, Extension Associate at Mississippi State University and PhD student in the lab of Dr. Jay McCurdy. Amy's research centers on use of remote sensing and unmanned aerial systems for precision turfgrass management.



Kyle Callahan, Superintendent at Karsten Creek Golf Club, graduated from Oklahoma State University majoring in Horticulture. Through his career, he has worked at some of the most prestigious golf courses in the country including Spring Creek Ranch, Muirfield Village, Carlton Woods, Crooked Stick, Victoria National Golf Club, and Thornblade Club.



Dr. Charles Fontanier is Associate Professor of Turf Management and Physiology at Oklahoma State University and current Education Chair for OTRF. Research interests include water conservation, irrigation science, cultivar development, shade stress, interactions between multiple abiotic stresses, and sand-based rootzone management.



Dr. Dennis Martin is Professor & Extension Specialist for Turfgrass at Oklahoma State University. Dr. Martin currently holds the Huffine Endowed Professorship and has a 75% extension and 25% research assignment.



Dr. Mingying Xiang Assistant Professor of Turfgrass Science/Turf Extension Specialist at Oklahoma State University. Dr. Xiang's research program centers on turfgrass environmental stress physiology.



Mr. Robert Calhoun serves as the Executive Director for the Oklahoma Crop Improvement Association (OCIA) and as the Director of Oklahoma Pedigreed Seed Services and is on the OSU faculty.



Dr. Daniel Adamson is Assistant Professor & Extension Specialist for Soil and Water Management and Conservation at Oklahoma State University. Dr. Adamson was raised on a cow-calf ranch in southern Wyoming where he developed his love for agriculture and desire to help producers overcome challenges with practical, tested resources. His research and extension interests are centered around management impacts on soil health and soil functionality on the farm, ranch, and around the home.



Professor Qing Luo, PLA, MLA, ASLA, is a Licensed Landscape Architect and an Associate Professor and State Extension Specialist of Landscape Architecture at Oklahoma State University. Before joining the academic position, she had been practicing landscape architectural design in leadership roles in international design firms for seventeen years in Boston, MA and Beijing, China.



Teal Hendrickson is a PhD Candidate in Crop Science at Oklahoma State University studying under the guidance of Dr. Bruce Dunn in Controlled Environment Horticulture. Her research has involved interaction between soil microbes and various plant systems.



Jon Miller is an Area Sales Manager for SiteOne Landscape Supply. Jon comes from a dedicated background of irrigation experience. For 30 years he has focused his passion on how to provide proper training and education to irrigation professionals. Jon started working in the field as an installer in 1989 and has worked his way up through distribution to his role today as Area Sales Manager and Training Leader. Jon and his wife Lynnette have 4 grown children and two granddaughters and two grandsons.



Dr. Nathan Walker is Professor & Extension Specialist for Turf Disease and Pest Diagnosis at Oklahoma State University. His research program is focused on the integrated management of turfgrass pests including nematodes, insects, and turfgrass diseases.



Dr. John Long is an Associate Professor & State Extension Specialist for Agriculture Machinery Systems at Oklahoma State University. His expertise involves agricultural machinery and equipment such as tractors, sprayers, planters, and harvesting equipment.



Charles Luper has worked for the Oklahoma State University for 29 years and the OSU Pesticide Safety Education Program for the past 24 years doing pesticide applicator training, coordinating the Unwanted Pesticide Disposal Program, and Worker Protection Standard training. Prior to working in Pesticide Education at OSU he worked for the OSU State Wheat Specialist for five years on wheat variety trials and other wheat research. Charles received a Bachelor's Degree in Agronomy from Oklahoma State University in 1994. A native Oklahoman Charles grew up in Eakly on a peanut, wheat, and cattle farm in Caddo County.