# Turfgass Short Course

When: Wednesday & Thursday, Jan 6-7, 2016

Location: University of Arkansas Cooperative Extension Service Headquarters
2301 S. University Avenue, Little Rock, AR 72204

The **Arkansas / Oklahoma Turfgrass Short Course** is a 2-day, intensive introductory level turfgrass management shortcourse. It is designed specifically to benefit turfgrass managers in lawn, grounds, or athletic field care that have not had a formal turf management course. The course emphasizes sound research-based fundamentals of the "why" behind the "how" turf is cared for in Arkansas and Oklahoma. Topics are taught classroom style and cover the fundamentals of: Turf ID, selection, establishment, irrigation, aeration, dethatching, and pest management. This short course is a cooperative effort among the turf science faculty at the University of Arkansas and Oklahoma State University. These courses do not count towards degree credit or class work at either the University of Arkansas or Oklahoma State University. It is provided as an educational benefit to further professional career development of course attendees.

## Schedule of speakers and talks (subject to change)

| Wednesday, Jan. 6, 2016 | | | Thursday, Jan. 7, 2016 | | |
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| **Speaker** | **Topic** | **Time** | **Speaker** | **Topic** | **Time** |
| Justin Moss | Turfgrass ID | 8:00-9:15 | John Boyd | Principles of weed management and calibration | 8:00-9:30 |
| Break | | 9:15-9:30 | Break | | 9:30-9:45 |
| Dennis Martin | Turfgrass selection | 9:30-10:30 | Mike Richardson | Turfgrass establishment | 9:45-10:45 |
| Break | | 10:30-10:40 | Break | | 10:45-11:00 |
| Mark Brown | Irrigation | 10:40-11:45 | Doug Karcher | Turfgrass fertility | 11:00-12:00 |
| Lunch | | 11:45-12:30 | Lunch | | 12:00-12:15 |
| Nathan Walker | Turfgrass disease control | 12:30-1:45 | John Boyd | Control of problematic lawn weeds | 12:15-1:30 |
| Break | | 1:45-2:00 | Break | | 1:45-2:00 |
| Nathan Walker | Turfgrass disease control | 2:00-3:15 | Mike Richardson | Mowing | 2:00-3:00 |
| Break | | 3:15-3:30 | Break | | 3:15-3:30 |
| John Hopkins | Turfgrass insect control | 3:30-5:00 | Doug Karcher | Cultivation | 3:30-4:30 |

Preregistration: Registration is **limited to the first 75 registrants and pre-registration is required**. There will be no on-site registration. **Please pre-register online no later than January 4, 2016**. Registration and payment instructions may be found at the following link: http://survey.uaex.edu/turf-grass/turfgrass.asp

Cost: **The cost per attendee is $150**. Price includes daily continental breakfast, catered lunch, and snacks as well as education materials. Multiple individuals from a single company/organization can register online.

Directions: Univ. of Arkansas Cooperative Extension Service, Little Rock, AR, 2301 S. University Avenue, Little Rock, AR 72204; Call (501) 671-2000 for directions or visit http://uaex.edu/find_us.htm

# Speakers for the 2016 Arkansas / Oklahoma Turfgrass Shortcourse

**Dr. Justin Moss** is an Assistant Professor of Turfgrass Science in the Department of Horticulture & Landscape Architecture at Oklahoma State University. His primary emphasis is conducting applied sustainable turfgrass science research related to turfgrass and landscape water and environmental issues and providing extension and outreach programs in those areas.

**Mr. Mark Brown** is a Graduate Student and Extension Agent with the University of Arkansas Research and Extension in Little Rock, AR. He is partnered with the Central Arkansas Water District to provide education to homeowners and contractors on water consumption issues and how to be more efficient with outdoor watering practices.

**Dr. Dennis Martin** is Turfgrass Specialist at Oklahoma State University. Dennis is responsible for the development of the Oklahoma turfgrass education conference, turfgrass field days, herbicide field screening, turfgrass trials, and development of fact sheets. He has conducted over 13,000 turf consultations with lawn care, grounds, golf course and sod producers. He is part of a four person team credited with the development and commercialization of Midlawn, Midfield, Yukon, Riviera, and Patriot bermudagrass.

**Dr. Nathan Walker** is Professor in the Entomology and Plant Pathology department at Oklahoma State University where his research program is focused on the integrated management of turfgrass pests in Oklahoma. Research projects have examined the biology and management of nematodes, insects, and turfgrass diseases. Dr. Walker also teaches courses in Turfgrass Integrated Pest Management, Plant Nematology, and Integrated Pest Management.

**Dr. John Hopkins** is Assistant Professor-Urban Extension Entomologist. John develops and conducts extension urban entomology program in the areas of structural and household insect pest management, mosquito management, fire ant management, lawn and ornamental insect pest management, and conducts educational programs in Arkansas to disseminate research based information.

**Dr. John Boyd** is a Weed Extension Specialist and Professor in the Crop, Soil, and Environmental Science Department, University of Arkansas where he teaches Arkansans and conducts research on weed control. Dr. Boyd has conducted extensive weed control studies on bermudagrass, zoysiagrass, and others since joining the Arkansas faculty in 1982.

**Dr. Mike Richardson** is a Turfgrass Physiologist and Professor in the Department of Horticulture, University of Arkansas. He received a B.S. Degree from Louisiana Tech University, a Master's degree from Louisiana State University and PhD from the University of Georgia. Prior to joining the faculty at the University of Arkansas in 1998, he was a member of the faculty at Rutgers University and was also the director of research at Turf Merchants, Inc., an Oregon-based turfgrass seed company.

**Dr. Doug Karcher** is a Turfgrass Soil Specialist and Associate Professor in the Department of Horticulture, University of Arkansas where he teaches undergraduates and conducts research. He has worked to develop digital image analysis techniques to quantify turfgrass cover and turfgrass color. Doug also has extensive experience evaluating cultivation practices, water repellency, and water movement in soils.