



# January 8<sup>th</sup>, 2019 Turfgrass Research Day

## Conference & Webinar

702 Langdon Street, Madison, WI



- 8:00-8:30am Registration
- 8:30 – 8:45 Welcome and Scholarships
- 8:45 – 9:30 **Jessica Cebula– University of Wisconsin – Health Services**  
Safety for the Green Industry
- 9:30 – 9:50 **Qiyu (Ada) Zhou, Ph.D. student, University of Wisconsin - Soil Science**  
Effects of Nitrogen Rate, Golf Footwear Traffic and Soil Organic Matter on Creeping Bentgrass Growth
- 9:50-10:15 **Michael Bekken, Ph.D. student, University of Wisconsin - Soil Science**  
Methods for Quantifying Sustainable Resource Use on Golf Courses
- 10:15 – 10:30 Break
- 10:30 – 11:15 **Audrey Simard, M.S. student – University of Wisconsin - Entomology**  
Effects of Pesticides in Guttation Water on Pollinators
- 11:15 – 12:00 **Dr. Brian Horgan – University of Minnesota**  
Value of Urban Greenspace as a Natural Resource
- 12:00 – 12:50 **Lunch**
- 1:00 – 1:30 **Kurt Hockemeyer – Turfgrass Diagnostic Lab**  
2018 TDL Update
- 1:30 – 2:15 **Mike Krupke - Insight FS & Josh Veit - Midwest Athletic Fields**  
Resurfacing Made Easy
- 2:15 – 3:00 **Dr. Paul Koch – University of Wisconsin - Plant Pathology**  
Impacts of Cultural Practices and Pesticide Applications on the Turfgrass Microbiome



Qiyu(Ada) Zhou is a Ph.D. student in the Department of Soil Science at the University of Wisconsin-Madison. She received joint B.S. degrees in Prataculture Science and Crop and Soil Science from Sichuan Agricultural University, China and Michigan State University. She earned a M.S. degree from UW-Madison in soil science. She is currently studying turfgrass growth model.



Michael earned a B.S. in Biology and Geology and played collegiate golf at the College of William and Mary in Virginia. Michael is currently pursuing a Ph.D. at the University of Wisconsin-Madison under the direction of Dr. Doug Soldat where he is studying resource use efficiency on golf courses.



Audrey received her B.S degree in May 2017 from the University of Wisconsin – Madison in Genetics. She studied identifying the genetic bases of desiccation and cold tolerance in *Drosophila melanogaster*. She is currently researching how pesticides affect honeybees.



Brian Horgan is a professor and associate head for the Department of Horticultural Science at the University of Minnesota. He holds degrees from Michigan State University, North Carolina State University and the University of Illinois. His research interests focus on the fate and transport of pesticides and nutrients, water conservation strategies, and low-input turfgrass systems.



Kurt manages the Turfgrass Diagnostic Lab at the O.J. Noer Research and Education Facility. He also oversees the field trials conducted as part of Dr. Paul Koch's research program. He received his B.S. in Turf Science and his M.S. in Turf Pathology both from Purdue University. He has been a member of Dr. Koch's research team since fall of 2015.



Josh has over 10 years of experience with athletic field construction. He also has international field experience with Major League Baseball. He received his B.S. in Horticulture, Turfgrass Management from Iowa State University.



Mike is a Certified Turf Specialist for Insight FS. He has spent much of his 25 year turf career as a golf course superintendent. Now his focus is consulting with sports turf managers throughout southern Wisconsin in improving and maintaining their playing surfaces through sound agronomics and turf science.



Paul Koch is an assistant professor in the Department of Plant Pathology as well as the Molecular and Environmental Toxicology Center at the University of Wisconsin-Madison. He joined the faculty in January of 2014. His research has focused primarily on fungicide breakdown in the environment and snow mold diseases on golf course turfgrass.

Complete the registration form below and mail with payment to:  
**WTA / O.J. Noer Facility / 2502 Highway M / Verona / WI / 53593**

You may also register online by going to [www.wisconsinturfgrassassociation.org](http://www.wisconsinturfgrassassociation.org)  
You may fax completed forms to 608-845-8162. Registrations must be received by  
December 31st, 2018. Registrations received after December 31st, will be an  
additional \$10 per person.

If you plan on participating in the webinar, make sure your email is included in your  
registration information. You will be emailed the webinar link by January 4<sup>th</sup>, 2019.  
We understand that Wisconsin weather can quickly change. If for some reason your  
plans change and you are unable to attend at the Pyle Center, contact Audra and she  
will make sure you get the webinar code.



Company Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
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Email Address \_\_\_\_\_

List of names that will be attending at the Pyle Center \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Non-WTA member	\$50 ea X ____	= \$ _____
WTA member	\$40 ea X ____	= \$ _____
2019 WTA Membership Dues	\$150 ea	\$ _____
<b>Total Amount Enclosed</b>		<b>\$ _____</b>

Credit card # \_\_\_\_\_ Exp date \_\_\_\_\_ Security code \_\_\_\_\_

If you have any questions, contact Audra at [audra.anderson@wisc.edu](mailto:audra.anderson@wisc.edu) or  
608-845-6536. Registrations must be received by December 31st, 2018.