

OIPC THANKS THE SPONSORS OF THE 2019 RESEARCH CONFERENCE



Research Conference

*“Better Together:
Connecting Invasive Plant
Management and Research”*

February 13, 2019

9 a.m. - 3:30 p.m.

Nationwide & Ohio Farm Bureau
4-H Center
Columbus, Ohio

OIPC CONFERENCE SPEAKERS

Karin Kettenring is an Associate Professor of Wetland Ecology in the Department of Watershed Sciences at Utah State University in Logan, UT. Her current research efforts focus on (1) the ecology, genetics, & management of wetland invaders, (2) seed ecology of native wetland plants, and (3) restoration genetics for sustainable, functioning wetlands. Her invasive plant research has largely focused on management of invasive *Phragmites* in Great Salt Lake & Chesapeake Bay wetlands. She is motivated to improve invasive plant management outcomes through the development of stronger scientist-manager partnerships in applied research efforts. She has a B.A. in Biology from Oberlin College & a Ph.D. in Applied Plant Sciences from the University of Minnesota. She was also a Postdoctoral Fellow at the Smithsonian Environmental Research Center in Maryland prior to joining the faculty at Utah State University in 2008.

Scott B. Maresh Nelson recently defended his doctoral dissertation in the Department of Natural Resources & Environmental Sciences at the University of Illinois at Urbana-Champaign. His research has focused primarily on the ecology of dickcissels—a grassland songbird that breeds throughout the central US. He developed a keen interest in the impacts of invasive plants on birds in general, in part because his study region in southern Iowa is heavily infested with tall fescue, a Eurasian grass introduced for cattle forage.

Des Palik earned her PhD from The Ohio State University in 2017, where she studied the invasive potential of perennial grasses targeted for biofuel production in the US. Her most recent project focused on *Miscanthus sinensis* and included common garden experiments analyzing variation in early growth traits among feral populations, as well as a field study of variation in reproductive success within and among feral populations *in situ*. Des is currently an Instructor of Biology at The Ohio State University, Newark campus.

Jennifer Murphy is currently a Ph.D. student at Case Western Reserve University and a recipient of OIPC research grants in 2014 and 2016. Her research uses a combination of greenhouse and field experiments to identify the mechanisms that drive the success of multiflora rose at different stages of the invasion process.

Art Gover has worked at Penn State University since 1985, currently overseeing the Wildland Weed Management program, working with Pennsylvania's State Park system to develop and implement a state-wide invasive species and habitat management planning template. This includes providing operational and classroom training for park staff; developing management bulletins and fact sheets; and conducting applied research on plant community management issues. Art is currently President-elect of the Northeastern Weed Science Society and former president of the Mid-Atlantic Invasive Plant Council.

Rapid Updates: Mary Klunk, Kris Davis, Ryan Schroeder, Alexys Nolan, Carrie Morrow, Trey Scott, Jennifer Hillmer, Ben Piazza

RESEARCH CONFERENCE AGENDA

- 8:30 AM **Doors Open & Registration with Coffee Begins—Sponsored by The Holden Arboretum**
- 9:00 AM **Welcome**
Emily Rauschert, Conference Chair, OIPC Board and Cleveland State University
- 9:10 AM **Keynote Speaker Introduction**
Steve Hovick, OIPC Board and The Ohio State University
- 9:15 AM **KEYNOTE: Wetland Plant Invaders: Mechanisms, Impacts, and Management**
Karin Kettenring, Department of Watershed Sciences at Utah State University
- 10:15 AM **Coffee Break—Sponsored by the Columbus & Franklin County Metroparks**
- 10:30 AM **Tall Fescue: Impacts of an Invasive Grass on Songbirds in a Working Landscape**
Scott B. Maresh Nelson, University of Illinois Urbana-Champaign
- 11:00 AM **Invasion Dynamics of *Miscanthus sinensis* (Japanese Silver Grass) and Its Invasive Potential in Ohio**
Des Palik, The Ohio State University
- 11:30 AM **Poster Session—Sponsored by Ohio Stream & Wetlands Foundation**
- 12:15 PM **Lunch—Sponsored by Listerman & Associates OIPC Annual Meeting**
- 1:15 PM **Understanding the Ins and Outs of *Rosa multiflora* Invasions: What Mechanisms Make this Species a Successful Invader?**
Jennifer Murphy, Case Western Reserve University
- 1:30 PM **So Many Weeds, So Little Time**
Art Gover, The Pennsylvania State University
- 2:00 PM **Coffee Break—Sponsored by Davey Resource Group**
- 2:15 PM **Rapid Updates of Ohio Invasive Plant Management Projects**
- 3:00 PM **Panel Discussion and Wrap-up**
Emily Rauschert, Conference Chair

Thank you to Chadwick Arboretum & Learning Gardens
for sponsoring the venue for today's conference.

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GARDENS
at The Ohio State University