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Crane Hollow Preserve



RESEARCH CONFERENCE

*Preventing, Understanding,
and Combating
Plant Invasions*

February 11, 2016
9 a.m. to 5 p.m.

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

RESEARCH CONFERENCE SPEAKERS

Keynote Speaker: Dr. Sarah Reichard is a Professor at the University of Washington and is Associate Director of its Botanic Garden. Her research is focused on understanding the biology of invasive plants and using that understanding to develop risk assessment methods to prevent their introduction and spread. Dr. Reichard co-authored a National Academy of Science report "Predicting Invasions of Nonindigenous Plants and Plant Pests." She was co-editor of "Invasive Species in the Pacific Northwest," (University of Washington Press) and author of numerous research papers, she also served six years on the federal Invasive Species Advisory Committee and is on the Invasive Species Specialist Group of the International Union for the Conservation of Nature.

reichard@uw.edu

Jonathan Bauer, Ph.D., Postdoctoral Scholar, Indiana University

Jonathan Bauer researches the restoration of invaded and degraded plant communities. This research tests the ecology of plant species coexistence, invasion, and succession and applies this knowledge to improving strategies for managing invasive species and re-establishing rare plant communities. jonathantbauer@gmail.com

Theresa Culley, Ph.D., Professor, University of Cincinnati

Theresa Culley's lab studies the evolution of plant breeding systems and the interplay between the reproductive biology of a species (its pollination biology, seed production, susceptibility to herbivory, etc.) and population genetics. Theresa is also the Chair of the Ohio Invasive Plant Assessment Team. theresa.culley@uc.edu

Justin Kermack, Graduate Student, Cleveland State University

Justin Kermack was awarded the 2014 OIPC student research grant for "The Effect of Site Characteristics on the Reproductive Output of Lesser Celandine (*Ranunculus ficaria*)". justin.j.kermack@vikes.csuohio.edu

David Gorcho, Ph.D., Professor, Miami University

Dave Gorcho's lab studies plant ecology, including the dynamics of plant invasions in forests, and effects of deer and invasive plants on native plants. GorchoDL@miamioh.edu

Emily Rauschert, Ph.D., Assistant Professor, Cleveland State University

Emily Rauschert's lab focuses on plant invasions, including the spread and spatial dynamics of invasive species, which is often driven by human activities. e.rauschert@csuohio.edu

Kathy Smith, Program Director, Forestry, Ohio State University Extension

Kathy Smith is the Program Director for the Ohio Woodland Stewards Program at the Ohio State University. She is responsible for coordinating, promoting and teaching programs targeted towards Ohio's many woodland owners and natural resource professionals. smith.81@osu.edu

Conference Chair: Jean H. Burns, Ph.D., Assistant Professor, Case Western Reserve University

The Chair of the Ohio Invasive Plants Council Research Working Group. Jean Burns studies what makes invasive plants invasive and the effects of invasive species on native species. jbm122@case.edu

RESEARCH CONFERENCE AGENDA

- 08:00 AM - **Registration**
- 09:00 AM - **Welcome**
Jean H. Burns, OIPC Board and Case Western Reserve University
- 09:15 AM - ***Invasive Species as Back-seat Drivers of Environmental Change: Complex Interactions in the Restoration of Forest Understories***
Jonathan Bauer, Post-doctoral Scholar, Indiana University
- 10:00 AM - ***The Cultivar Dilemma: How to Assess Invasiveness in Horticultural Cultivars in Ohio***
Theresa Culley, Professor, University of Cincinnati
- 10:45 AM - ***The Effect of Site Characteristics on the Reproductive Output of Lesser Celandine*** (*Ranunculus ficaria*)
Justin Kermack, Graduate Student, Cleveland State University
- 11:00 AM - **Coffee Break, sponsored by The Cleveland Museum of Natural History**
- 11:15 AM - **Poster Session**
- 12:15 PM - **Lunch, sponsored by Stream + Wetlands Foundation**
- 12:15 PM - **OIPC Annual Meeting**, Jennifer Windus, OIPC President
- 01:15 PM - **KEYNOTE: *Partners in Prevention: How Industry, Academics, and Government Can Work Together On Invasive Plant Species***
Sarah Reichard, Director of the University of Washington Botanic Gardens
- 02:00 PM - ***Interactions of invasive shrubs, Over-abundant Deer, and Native Plants in Ohio Forests***
David Gorcho, Professor, Miami University.
- 02:45 PM - **Refreshment Break, sponsored by Ohio Natural Areas and Preserves Association**
- 03:15 PM - ***Opportunity and Movement: Forest Roads Facilitate Plant Invasion***
Emily Rauschert, Assistant Professor, Cleveland State University
- 04:00 PM - ***Tracking Invasive Species: The App and the Maps***
Kathy Smith, Program Director, Forestry, Ohio State University Ext.



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