

WEDNESDAY, MARCH 8, 2023

2023



Hosted by:



Approved CEU's for
Professional Development

Featuring 3 Tracks:



Building Sustainable
Landscapes



Conservation Stewardship



Tree Care



GATEWAY
CENTER

One Gateway Drive

Collinsville, IL

Educational Program
8:00 a.m. - 4:00 p.m.

Session I - 8:00 - 9:00 a.m.

A. Wood Decay Fungi - *Chelsi Abbott*



B. Establishing Small-Scale Prairies - *Erin Garrett*



Session II - 9:10 - 10:10 a.m.

C. Diagnosing and Managing Declining Trees - *Chelsi Abbott*



D. Prairie Plant Identification Tips - *Erin Garrett*



E. Urban Wildlife Coexistence: Designing with Wildlife in Mind - *Joy O'Keefe*



Session III - 10:20 - 11:20 a.m.

F. Tree Risk Assessment - *Steve Lane*



G. Tree Identification Tips - *Taryn Bieri*



H. Trees that Turn Heads: Underutilized Native Trees - *Emily Swihart*



Lunch on Your Own - 11:20 a.m. - 12:30 p.m.

*CEU sheets available immediately following
each session.*

Session IV - 12:30 - 1:30 p.m.

I. Our Woody Plants Face Many Challenges: The Gloom of Pest Management - *Fredric Miller*



J. Trail Building Tips & Techniques - *Alyssa Macuiba*



K. Resilient Landscapes - *Christopher Carl*



Session V - 1:40 - 2:40 p.m.

L. Dealing with Girdling Roots and Other Below Ground Issues - *Mark Grueber*



M. Planning and Implementing Prescribed Fire - *Kevin Rohling*



N. Birdscaping Your Yard - Wildlife Benefits of Native Shrubs - *Kim Rohling*



Session VI - 2:50 - 3:50 p.m.

O. Pesticide Considerations Beyond Reading the Label - *Elizabeth Wahle*



P. Exploring the Integration Practices for the Improvement of Soil Health - *Nathan Johanning*



CEU sheets available immediately following

CONFERENCE SPEAKERS

Chelsi Abbott

Education Specialist,
Davey Tree Institute

Taryn Bieri

Project Coordinator, Forest Landowner Prog.
University of Illinois Extension Forestry

Christopher Carl

Artist-Designer-Builder
Studio Land Arts

Erin Garrett

Natural Resources, Environment and Energy
Educator, University of Illinois Extension

Mark Grueber

Community Forester,
Missouri Department of Conservation

Nathan Johanning

Commercial Agriculture Educator,
University of Illinois Extension

Steve Lane

Urban Forestry Consultant,
Great Lakes Urban Forestry

Alyssa Macuiba

Wilderness Technician & Volunteer
Coordinator, Shawnee National Forest

Fredric Miller

Professor of Horticulture, Agriculture & Horti-
culture Department, Joliet Junior College

Joy O'Keefe

Assistant Professor and Wildlife Specialist,
University of Illinois Extension

Kevin Rohling

Forestry Research Technician,
University of Illinois Extension

Kim Rohling

Horticulture Educator,
University of Illinois Extension

Emily Swihart

Horticulture Educator,
University of Illinois Extension

Elizabeth Wahle

Commercial Agriculture Educator,
University of Illinois Extension

University of Illinois Extension
Madison-Monroe-St. Clair Extension Unit
1606 Eastport Plaza Drive, Suite 100
Collinsville, IL 62234

Non-Profit Organization

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RETURN SERVICE REQUESTED

SEE WHAT'S NEW FOR 2023

Gateway Green Conference:

- *Fact Based Education**
- *CEU's available from four
Professional Agencies**
- *3 Tracks of Study**

University of Illinois offers equal opportunities in programs and employment.
If you need a reasonable accommodation to attend this event, please contact
618-344-4230 prior to 2/24/23.



2023 Gateway Green Conference

Class Descriptions

SESSION I - 8:00 - 9:00 a.m.

A. Wood Decay Fungi – *Chelsi Abbott*

Wood decay or wood rots are fungal pathogens that can attack trees, which compromise the stability of a tree as well as the health. This results in a potentially hazardous tree that can be dangerous to those working on it or those near it. Since there are many wood decay fungi of varying virulence, proper identification is necessary to understanding the risk to the tree and worker. This presentation aims to explain identification characteristics of common wood decay fungi and recognize the potential dangers associated with each.

B. Establishing Small-Scale Prairies - *Erin Garrett*

While adding a few prairie plants to your garden beds is a great start to helping provide food and habitat for pollinators and wildlife, the option to start a small-scale prairie also exists. With just a small plot of land, like a corner of your backyard or part of a field on your property, you can recreate a prairie-like ecosystem. We'll walk through the steps of this type of prairie establishment, from preparation of the soil, to seed selection, weed management, and long-term maintenance.

SESSION II - 9:10 - 10:10 a.m.

C. Diagnosing and Managing Declining Trees - *Chelsi Abbott*

Diagnosing declining trees can pose quite a daunting task due to decline often being caused by any number of different insects, fungi, and environmental factors all occurring at once. Diagnostics is a skill, but it is also a systematic process, so this talk will aim to demystify the process while demonstrating its usefulness when dealing with decline. But we won't stop there! Knowing the causal agents of decline is truly the first step, but what's next? How do you manage multiple factors while mitigating client expectations for success? This presentation will also aim to discuss triage techniques to help understand good and bad candidates for management.

D. Prairie Plant Identification Tips - *Erin Garrett*

Illinois' prairies are home to 850 species of native plants, many of which are now being planted in home landscapes. Where should you start when trying to tell one apart from another? In this session, you'll learn tips and tricks to help you identify some of the most common tallgrass prairie plants, including wildflowers and grasses.

SESSION II - 9:10 - 10:10 a.m. Cont'd

E. Urban Wildlife Coexistence: Designing with Wildlife in Mind - *Joy O'Keefe*

Urban wildlife is an integral part of our cities. They depend on our gardens, backyards, parks, and green spaces as important habitat, but we don't welcome all wildlife equally. Living with wildlife can be challenging but also fascinating. How can we design a landscape that facilitates coexistence, even with "nuisance" wildlife? This talk will motivate you to consider interventions that preserve urban (backyard) biodiversity and challenge entrenched perspectives on wildlife damage control.

SESSION III - 10:20 - 11:20 a.m.

F. Tree Risk Assessment - *Steve Lane*

Let's face it, trees are tough customers! And since they can't talk, it is up to us as practitioners to gather the data to determine if they pose any risk to the public, and make recommendations for how to mitigate that risk. Join Steve as we give an overview of the principles of Tree Risk Assessment and the ISA's TRAQ credential, and point you to resources for how to learn the process in more depth.

G. Tree Identification Tips - *Taryn Bieri*

Are you interested in identifying trees but unsure of where to start? Join Taryn Bieri to learn how to identify some of the common trees found in Illinois. Common terms, tree parts, and methods of identification will all be discussed in this beginner friendly presentation.

H. Trees that Turn Heads - Underutilized Native Trees - *Emily Swihart*

Hold the maples! Forego the honeylocust! Pass by the crabapple! Join University of Illinois Horticulture Educator, Emily Swihart, as we explore a host of new species for planting in our urban landscape. These trees will be sure to stand out amongst the others and turn heads in the neighborhood. Leave the session with an expanded list of trees suitable for the home and community landscape.

LUNCH ON YOUR OWN
11:20 a.m. - 12:30 p.m.

2023 Gateway Green Conference

Class Descriptions

SESSION IV - 12:30 - 1:30 p.m.

I. Our Woody Plants Face Many Challenges: The "Gloom" of Pest Management – Fredric Miller

In this session we will focus on the most common and some new exotic sap-feeding, leaf-feeding, and wood-boring insect pests that attack our woody ornamental plants and forest trees and how climate change is affecting how we manage these pests. Emphasis will be placed on proper pest identification, life cycles, use of degree days for pest monitoring and timing, their potential to cause plant damage, and practical and effective pest management methods. Additionally, an update will be provided on the status of several new invasive pests including the spotted lanternfly (SLF), viburnum leaf beetle (VLB), and elm zigzag sawfly. The session will conclude with a short treatise on the use of exotic parasitoids for EAB management and how you can participate in a nationwide effort for releasing EAB parasitoids in your area.

J. Trail Building Tips & Techniques - Alyssa Macuiba

Trails are key in preserving open space and inspiring public interest in habitat and natural landscapes. They help us make sense of a world increasingly dominated by pavement and technology. Trails put us in touch with our natural surroundings, challenge our bodies, and allow us to practice traditional skills. Learn about the importance of trails, trail users, tools and their uses, and trail-building tips and techniques.

K. Resilient Landscapes - Christopher Carl

Studio Land Arts was founded by Artist-Designer-Builder, Chris Carl, after receiving his Master of Landscape Architecture degree from the University of Illinois in 2014. Working collaboratively from an ethos that positions the fields of Art, Design, and Craft as an ideal triad for relating to our built and natural environments, Studio Land Arts creates resilient landscapes that investigate systems, offer sustainable solutions, and provide platforms for engagement with each other and the world around us.

SESSION V - 1:40 - 2:40 p.m.

L. Dealing with Girdling Roots and Other Below Ground Issues - Mark Grueber

In urban/suburban environments, initial stressors of trees are often the result of issues that are below ground. This presentation will discuss SGR's (stem girdling roots), why they develop, how to minimize their occurrence during planting, possible treatments, and other site/soil related problems with recommendations for mitigation.

SESSION V - 1:40 - 2:40 p.m. Cont'd

M. Planning and Implementing Prescribed Fire - Kevin Rohling

Prescribed fire can be complex and difficult in many respects, but also results in numerous benefits. This presentation will provide an overview of prescribed fire, including reasons to burn, burn plans, preparations, certifications, weather considerations, training options, tools, risks, hazards, and effects on vegetation and wildlife. This will be a broad introduction so resources will be provided for additional information, training opportunities, and volunteering for those who are interested in learning more.

N. Birdscaping Your Yard - Wildlife Benefits of Native Shrubs - Kim Rohling

Birdscaping is creating a plan within your backyard landscape to create hospitable habitats for our feathered friends. Learn how to incorporate safe resting spaces for migratory species, which features may encourage birds to raise their families in your yard, as well as how you can provide resources for our winter residents. This presentation will provide an overview of this process and touch on beneficial native plants that you can choose for your backyard landscapes.

SESSION VI - 2:50 - 3:50 p.m.

O. Pesticide Considerations Beyond Reading the Label - Elizabeth Wahle

Familiarity with the pesticide label is crucial to selecting the most appropriate pesticide products for your use, but, many times, there are considerations not explicitly detailed on the label that guide your decisions and actions. Join Elizabeth as she discusses pesticide topics that affect the landscape like pesticide drift to sensitive areas, resistance management and biorational pesticides.

P. Exploring the Integration of Practices for the Improvement of Soil Health - Nathan Johanning

There is currently a lot of buzz around "soil health" in the ag media. But what exactly does that mean? In this presentation, we will review the principles of soil health and discuss how they may be achieved in different scenarios and production systems.

Conference Registration

Registration and fee is due by March 3, 2023

Gateway Green Conference

Wednesday, March 8, 2023

On-line registration: <https://go.illinois.edu/2023GGC>

Please complete a separate registration form for each person. (Classes must be selected)

Name _____ Firm/Organization _____

Telephone (Day) _____ FAX number _____ E-mail _____
(A registration confirmation will be sent to all persons providing an e-mail address)

Business Address _____ City _____ State _____ Zip _____

_____ Active Master Gardener or Master Naturalist

Illinois Certified Master Gardeners and Master Naturalists must include copy of current I.D. card or letter of active status from County Office staff.

Missouri Botanical Garden will be contacted directly to verify Missouri Master Gardeners.

Track Designations: Building Sustainable Landscapes



Conservation Stewardship



Tree Care



Breakout Session Preferences

Session I:

8:00 - 9:00 a.m.

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CONTINUING EDUCATION CREDIT

CEU'S HAVE BEEN APPROVED THROUGH THE FOLLOWING PROFESSIONAL ASSOCIATIONS

1. International Society of Arboriculture - 6 hours for entire day. Approved Sessions: A, C, F, G, H, I, L, O, P
2. Illinois Landscape Contractors Association - 1 CEU per hour for Landscape Industry Certified Technicians
3. Illinois Park & Recreation Association - 0.10 per session (Total of 0.60 for entire day).
4. Certified Golf Course Superintendent - 0.60 for the entire day.

General Admission: \$80/person

Certified Master Gardeners and Naturalists

Discounted Rate: \$50

Certified Master Gardeners & Naturalists must include copy of current I.D. card or letter of **active status** from your County Director.

Registration due by March 3, 2023.

Registration is not complete until payment is received.

Walk in registration (and registrations received after 3/3/23)

Walk in Rate: \$85

3 Tracks of Study Offered (Choose any classes- you do not have to stay in one track):

Building Sustainable Landscapes



Conservation Stewardship



Tree Care



On-line registration available at:

<https://go.illinois.edu/2023GGC>

Questions:

Patty Stanton

University of Illinois Extension

(618) 344-4230

e-mail: pstanton@illinois.edu

A link to the handouts will be e-mailed to you prior to the conference if you supply an e-mail with registration.

University of Illinois offers equal opportunities in programs and employment.

If you need a reasonable accommodation to attend this event, please contact 618-344-4230 prior to 2/24/23.

To register by check send registration form and **check payable to: *University of Illinois Extension***

to:

University of Illinois Extension
1606 Eastport Plaza Drive, Suite 100
Collinsville, IL 62234

Fax: 618-344-5602 (Forms may be faxed for credit card registrations)
(Please call 618-344-4230 after faxing to verify receipt.)

To register by credit or debit card: <https://go.illinois.edu/2023GGC> or send completed registration forms for each person with the following information (can send multiple registration forms to charge to one credit card):

Name on Card _____ Card Type: Mastercard Visa Discover American Express

Billing Address _____ City _____ State _____ ZipCode _____

Card # _____ Date of Expiration _____

3 digit card verification number on back of card: _____

E-mail: _____ (for copy of credit card charge receipt)