

WEDNESDAY, MARCH 4

**I** ILLINOIS.  
Extension



**2020**

Gateway  
**GREEN  
INDUSTRY  
Conference**

*Where Professionals  
Come To GROW*

**Featuring:**

- **Six Breakout Sessions**
- **Approved CEU's for Professional Development**



One Gateway Drive

Collinsville, IL

**Educational Program**

**8:00 a.m. - 4:00 p.m.**

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

- A. Illinois' Rarest Trees - *Chris Evans***
- B. Up and Coming Perennial Stars - *Martha Smith***

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

- C. Unwanted: Invasive Insects on the Illinois Horizon - *Kelly Estes***
- D. Strategies to Preserve Mature Trees Near Hardscapes -  
*Danny Moncheski and Doug Seely***
- E. The Beautiful Way to Improve Water Quality - *Eliana Brown***

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

- F. History of Forest Pest Breakouts in North America - *Ryan Pankau***
- G. The Green Pathway to Invasion: Ornamental Invasive Plants  
- *Chris Evans***
- H. The Red Oak Rain Garden Experience - *Eliana Brown***

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

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

- I. What's Ailing My Tree? Common Pests and Diseases of Trees  
and Shrubs in Illinois - *Ken Johnson***
- J. Aquatic Plant Management of Lakes and Ponds - *Fred Cronin***
- K. Hardscaping Basics - *Chris Enroth***

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

- L. Alternative Tools Used in Woody Invasive Control - *Kevin Rohling***
- M. Living Carpets: Ground Covers - *Kelly Allsup***
- N. Right-Sized Native Gardens: Having Success at Home and in Your Community - *Scott Woodbury***

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

- O. New Invasive Pathogens and Annual Updates from the University of Illinois Plant Clinic - *Diane Plewa***
- P. The Know Maintenance Perennial Gardening Theory - *Kelly Allsup***

*CEU sheets available immediately following each session.*

## CONFERENCE SPEAKERS

### **Kelly Allsup**

Horticulture Educator,  
University of Illinois Extension

### **Eliana Brown**

Water Quality Specialist,  
University of Illinois Extension  
Illinois Indiana Sea Grant

### **Fred Cronin**

Fisheries Biologist,  
Illinois Department of Natural Resources

### **Chris Enroth**

Horticulture Educator,  
University of Illinois Extension

### **Kelly Estes**

Agricultural Pest Survey Coordinator  
University of Illinois

### **Chris Evans**

Forestry Extension and Research  
Specialist, University of Illinois Extension

### **Ken Johnson**

Horticulture Educator,  
University of Illinois Extension

### **Danny Moncheski**

Community Forester,  
Missouri Department of Conservation

### **Ryan Pankau**

Horticulture Educator,  
University of Illinois Extension

### **Diane Plewa**

Plant Diagnostic Outreach Specialist  
U of I Plant Clinic

### **Kevin Rohling**

Forestry Research Technician,  
University of Illinois Extension

### **Doug Seely**

Community Forester,  
Beyond Housing

### **Martha Smith**

Horticulture Educator,  
University of Illinois Extension

### **Scott Woodbury**

Curator, Whitmire Wildflower Garden,  
Shaw Nature Reserve

University of Illinois Extension  
Madison-Monroe-St. Clair Extension Unit  
1 Regency Plaza Drive, Suite 200  
Collinsville, IL 62234

Non-Profit Organization

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Collinsville, IL 62234

Permit #18

RETURN SERVICE REQUESTED

**SEE WHAT'S NEW FOR 2020**

## **Gateway Green Industry Conference:**

- \*Fact Based Education for  
Green Industry Professionals**
- \*CEU's available from four  
Professional Agencies**

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 2/25/20.





# 2020 Gateway Green Industry Conference

## Class Descriptions

### SESSION I - 8:00 - 9:00 AM

#### **A. Illinois' Rarest Trees – *Chris Evans***

Illinois is home to over 180 native species of trees and shrubs. While many are very common, we do have some very rare species. This presentation will cover some of the rarest tree species found in Illinois and discuss why they are rare, and what is being done to manage them.

#### **B. Up and Coming Perennial Stars - *Martha Smith***

What new perennials will we be seeing in the coming season? What plants are breeders really excited to show off to the gardening world? After attending horticulture trade shows and talking with plant breeders and plant buyers, Martha Smith, University of Illinois Horticulture Educator, will share what she has seen and heard. Martha will also include the latest trial garden results and what is showing great promise for Illinois gardens.

### SESSION II - 9:10 - 10:10 AM

#### **C. Unwanted: Invasive Insects on the Illinois Horizon - *Kelly Estes***

Invasive insects impact everyone living in Illinois and those that visit it. They are a continual threat to Illinois' agriculture, forestry, horticulture and natural resources. While several are on our radar, including the Asian Longhorned Beetle and Goldspotted Oak Borer, Spotted Lanternfly continues to top our list. This invasive leafhopper is continuing to spread in several eastern states. The threat of its spread is real. Learn more about its potential impact to Illinois as well as what we are doing to prepare for it.

#### **D. Strategies to Preserve Mature Trees Near Hardscapes - *Danny Moncheski & Doug Seely***

Since the dawn of paved infrastructure, trees and pavement have been in conflict with one another. For too long, trees lose this conflict causing damage, removal, or worse, failure. Join us in this talk to discuss various tactics and strategies to preserve mature trees in areas around hardscapes. We will use case studies and regional examples to cover multiple budget points. Bring your questions and critical thoughts to dig in and "proof" the ideas talked about. This presentation aims to display that yes, trees and hardscapes can coexist in harmony!

### SESSION II - 9:10 - 10:10 AM Cont'd

#### **E. The Beautiful Way to Improve Water Quality- *Eliana Brown***

This presentation focuses on how to have healthy landscapes that help local waterways without sacrificing aesthetics. Topics include: sustainable lawn care, rain gardens and native plants, and how to integrate them into your existing landscape beautifully.

### SESSION III - 10:20 - 11:20 AM

#### **F. History of Forest Pest Breakouts in North America - *Ryan Pankau***

North America has a history of exotic pests that extirpate individual tree species, with Emerald Ash Borer serving as our modern example. In our current, ever-globalizing society there is significant risk for future outbreaks that may impact all of our trees from the urban forest to our woodlands. This presentation will examine past outbreaks on our continent to compare and contrast what we have learned historically with the current pests threatening our native trees.

#### **G. The Green Pathway to Invasion: Ornamental Invasive Plants - *Chris Evans***

Invasive plants are a serious issue in Illinois. Many of our worst invasive plants were first introduced intentionally as ornamental plants. This presentation will discuss why some plants end up becoming invasive, why some invaders are still in the ornamental trade, and give recommendations on how landowners can influence the surrounding natural landscapes through their planning decisions.

#### **H. The Red Oak Rain Garden Experience - *Eliana Brown***

This presentation details the experience of renovating a 10,000 sq ft rain garden on the University of Illinois Urbana campus. The project drew from the fields of engineering, landscape design, and communications to create plans for an aesthetically pleasing and functional green space that educates and engages campus and community.

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

# 2020 Gateway Green Industry Conference

## Class Descriptions

### SESSION IV - 12:30 - 1:30 PM

#### **I. What's Ailing My Tree? Common Pests and Diseases of Trees and Shrubs in Illinois – Ken Johnson**

Trees and shrubs play an important role in our landscapes. This presentation will cover common pests and diseases that affect trees and shrubs in Illinois, how to identify them as well as their management.

#### **J. Aquatic Plant Management of Lakes and Ponds - Fred Cronin**

Join Fred Cronin, IDNR Fisheries Biologist as he discusses aquatic plant identification and management methods.

#### **K. Hardscaping Basics - Chris Enroth**

Are you considering incorporating hardscaping into your landscape business? Hardscape can be a big money-maker, but there is a lot to know about proper installation methods. Join University of Illinois Extension horticulture educator, Chris Enroth, as he talks about the basics of paver and retaining wall installation

### SESSION V - 1:40 - 2:40 PM

#### **L. Alternative Tools Used in Woody Invasive Control- Kevin Rohling**

A wide variety of tools may be used to treat invasive or unwanted woody plants. Some tools and techniques may improve efficiency, reduce costs by using already available options, or reduce or eliminate the amount of herbicide needed in some cases, among other benefits. Alternative tools and techniques used in the control of woody invasive species, such as clearing saws, reciprocating saws with brush blades, cordless electric chainsaws, "tree pullers", and hack and squirt/drill and fill injection technique will be discussed and demonstrated.

#### **M. Living Carpets: Ground Covers - Kelly Allsup**

If I see another ground cover of daylilies mixed with mulch or grassy junipers, I am going to scream. Unlike daylilies, ground covers should be ornamental year round, and low maintenance once established. Learn some new options for ground cover, including plants that you may not think of, to create these living carpets. These type of plants will be highlighted throughout the talk.

### SESSION V - 1:40 - 2:40 PM Cont'd

#### **N. Right-Sized Native Gardens: Having Success at Home and in Your Community - Scott Woodbury**

Are your eyes bigger than you garden? Chances are, the answer is yes. Gardens look innocent and glorious on the matte pages of coffee table books and magazines. The brilliant colors and bold textures are obvious. They jump off the pages and grab our attention on a cold winter day. But garden size and scale are less obvious. They don't translate well in pictures. What gardeners need are the answers to the not-so-obvious questions like: How many hours does it take to create and maintain a garden? Which garden styles are easiest or most challenging to care for? How many square feet of garden is good for your schedule, your budget, and your sore back? Are you planning and designing landscape spaces for schools, churches, non-profits, small businesses or public parks? What are the owners or managers capable of maintaining? How many staff and volunteers will they need, and more importantly, how many do they have? This talk will provide you with the tools necessary to determine the right size and garden style for you and your community. It will also show you how to garden strategically and beautifully in order to grow and maintain neighborhood pride and value.

### SESSION VI - 2:50 - 3:50 PM

#### **O. New Invasive Pathogens and Annual Updates from the University of Illinois Plant Clinic - Diane Plewa**

The U of I plant clinic handles a variety of insect and disease questions every year. Join Diane Plewa as she discusses what is showing up in the plant clinic lab most often this year and how a quick diagnosis can help you solve serious issues in a timely manner.

#### **P. The Know Maintenance Perennial Garden Theory - Kelly Allsup**

Would you like to install a garden of perennials and bulbs that could actually become sustainable for your client? Kelly Allsup will highlight some of the techniques described in the book "*The Know Maintenance Perennial Garden*," by Roy Diblik, perennial plant expert. Diblik has a fresh perspective on perennial gardening, outlining specifics on bed preparation, plant selection, garden designs, watering, and weed maintenance that give clients an easy-to-care-for garden.

# Conference Registration

Registration and fee is due by February 25, 2020

## Gateway Green Industry Conference

Wednesday, March 4, 2020

On-line registration: <https://go.illinois.edu/2020GGIC>

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 Director.

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

### Breakout Session Preferences (

ISA CEU approved sessions noted by \*. Additional Continuing Education Credit Information on back)

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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, D, F, G, I, L, O
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 February 25, 2020.**  
*Registration is not complete until payment is received.*

**Walk in registration** (and registrations received after 2/25/20.

Walk in Rate: \$85

**There is no Trade Show or Lunch offered this year.**

On-line registration available at:  
<http://web.extension.illinois.edu/mms>

## Questions:

Patty Stanton  
University of Illinois Extension  
(618) 344-4230  
e-mail: [pstanton@illinois.edu](mailto: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 2/25/20.**

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

to:

University of Illinois Extension  
1 Regency Plaza Drive, Suite 200  
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/2020GGIC>** 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)