

# GREEN & GROWIN' 21

## Virtual Education Schedule

January 11-13, 2021

Green & Growin' Education will be 100% online this year. Attend sessions live Jan. 11-13, 2021, or view them later. Registered attendees can view recordings until April 30, 2021.

CEUs are being added as sessions are approved. The final schedule will be available in January.

### MONDAY, JANUARY 11

8:15-8:30 AM

#### Welcome message

Board of Directors

8:30-9:30 AM

#### Proven Winners

9:30-10:30 AM

#### Caterpillar

10:30-10:45 AM

BREAK

10:45-11:45 AM

Education Sponsor

11:45 AM-1:15 PM

Education Sponsor

1:15-2:15 PM

#### Fundamentals of IPM: Pest Management Q&A

*Suzanne Wainwright-Evans, Buglady Consulting*

IPM is a key approach for effectively managing and controlling weeds, pests, and disease on sustainable farms. By implementing IPM techniques, farmers can prevent problems before they happen and better control those that do. Insect pests can cause some of the most disruptive and damaging issues on your farm, especially in the greenhouse. Join pest management and biocontrols expert Suzanne Wainwright of Buglady Consulting to ask your pressing pest management questions and get answers in real time! This session will include a brief introductory presentation, then will focus primarily on an attendee Q&A, so come prepared with your questions!

2:15-2:30 PM

BREAK

2:30-3:30 PM

Education Sponsor

3:30-4:30 PM

Education Sponsor

4:30-4:45 PM

#### Closing Remarks

NCNLA Board of Directors

#### Some CEUs are pending.

- **LC** Landscape Contractor License (NC) - Technical CEU
- **LCB** Landscape Contractor License (NC) - Business CEU
- **LA** Landscape Architect License (NC)
- **IC** Irrigation Contractor License (NC) - Technical Irrigation CEU

- **ICB** Irrigation Contractor License (NC) - Business CEU
- **PA** Pesticide Applicator License (FL, NC, SC, TN, VA)
- **ISA** International Society of Arboriculture - Certified Arborist
- **NALP** National Association of Landscape Professionals - Landscape Industry Certified

8:00-8:10 AM

Welcome message

Board of Directors

8:10-8:20 AM

Update from the NCSU College of Agriculture and Life Sciences

Dean Richard Linton

8:30-9:30 AM

LCB LA ICB

How to Host a Horticulture Intern/ Apprentice

Dr. Helen Kraus, North Carolina State University, and Dr. Elizabeth Riley, Alamance Community College

The horticulture industry is desperate for workers and students are seeking hands-on experiences to broaden their learning. What is the answer to this conundrum? Host an intern or apprentice! Learn how easy it can be for your company to host a student studying horticulture-related curriculum. Creating these opportunities are important for students and may lead to long-term employees for the industry.

9:30-10:30 AM

PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER

LC LA

Lawn Care Pesticide Safety & Handling: How It's Done and Tales from the Dark Side

Bob Mann, National Association of Landscape Professionals (NALP)

Bob Mann takes you beyond what's taught in initial pesticide training to give you some real world examples of why it's so important to pay attention to what you're doing and to stay safe. Take a virtual field trip with long

time lawn care industry champion Bob Mann as he gives you a deep dive into professional lawn care pesticide safety.

LC LA

Seasonal Color for Profit

Renee and Mark McGrady, Carolina Colorsapes

Seasonal color installation is a business, not just an add-on service. In this presentation, go beyond the basics of light, water, and compatibility to learn how to make color and aesthetics profit centers, not a drain. Renee and Mark McGrady provide valuable tips on creating beautiful flower beds and containers so you can exceed your clients' expectations with gorgeous color.

LCB LA ICB

Tax & Business Strategies in the "New Normal"

Kenneth Martin and Scott Hensley, Stancil CPA & Advisors

Ken and Scott provide an overview of the tax impacts of new legislation related to Covid-19 relief and discuss the best strategies for taking advantage of opportunities afforded by new legislation.

10:45-11:45 AM

LCB PA ISA

Biting and Stinging Pests

Laurie Reid, City of Charlotte

Workers in the field may be exposed to various biting and stinging pests. This presentation teaches the outdoor worker how to identify pests and related control and prevention methods. Pesticide credit for B,D,N.

11:45 AM-1:15 PM

LCB LA ISA

Keynote: Growing Weeders into Leaders

Jeff McManus, University of Mississippi



Jeff McManus describes the joys, the defeats, the brilliant problem-solving and the "best laid plans" that are proven worthless - until the bigger picture is told. Growing Weeders into Leaders takes you through the practical applications of empowering people to experience not only what it means to grow outstanding landscapes, but also to grow greatness in themselves and encourage it in others.

1:15-2:15 PM

PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER

LCB LA

Bidding, Estimating & Project Pricing

Eric Jones, Turf Teacher, Inc.

This course demonstrates how to effectively bid, estimate and price a landscape construction job.

LC LA

Residential Landscape Design Through the Lens of Permaculture

Jennifer L. Verprauskus, BareRoot Designs

An ideal landscape nurtures itself and fits seamlessly into the natural environment. Jennifer Verprauskus from BareRoot Designs teaches you how to successfully create holistic spaces that are aesthetically pleasing and balanced through understanding design while developing beneficial relationships in the ecosystem; minimizing waste and energy; replicating natural systems; valuing diversity; and garden efficiency.

2:30-3:30 PM

PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER

● LC ● LA

**Alternative Soil Amending Products**

Debra Stringer, Stalite

Learn about alternative soil Amending products, specifically expanded shales or slates, including one manufactured in North Carolina for over 70 years. Expanded aggregates are available worldwide and nationwide, and are key components for construction and green infrastructure. In 2017, the NC DEQ included ASTM C330 expanded aggregates in their stormwater manual updates because it has demonstrated such efficacy.

● LC ● LA ● PA

**Planting for Pollinators, Part 1: Woody Plants and Vines**

*Annabel Renwick and Jason Holmes, Sarah P. Duke Gardens*

Woody plants and vines provide excellent habitat for pollinators and beneficial insects. Learn which trees, shrubs and vines attract and nurture native bees and butterflies, and how to structure plantings to foster year-round pollinator interest. This session will include plants commonly available and lesser-known plants for pollinators in your landscapes and gardens. The plants will be presented from the pollinator’s perspective to demonstrate how designers, nurseries, landscapers and retailers can profit from the surge in pollinator plant demand. Organized by the NC Pollinator Conservation Alliance. Pesticide credit for D,L,N,X.

3:30-4:30 PM

● LC ● LA

**Planting for Pollinators, Part 2: Annuals, Perennials, Herbs and Grasses/Sedges**

*Annabel Renwick and Jason Holmes, Sarah P. Duke Gardens*

Horticultural bling in the form of flowers provide pollinators with pollen and nectar rewards—both vitally important in sustaining populations. Most horticultural pollinator gardening or landscape plans rely on herbaceous plants. Dive below the surface of popular pollinator garden advice to talk about how the garden looks from the perspective of the pollinator. Learn why some common pollinator plants work and discover a other plants that are beneficial. This session will be instructive to designers, nurseries, landscapers and retailers and help members of the audience up their pollinator plant game for spring 2021.

4:30-4:45 PM

**Closing Remarks**

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8:15-8:30 AM

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Board of Directors

8:30-9:30 AM

● LC ● PA

**Turf Pest Update**

Tom Glasgow, NCSU Extension

Tom Glasgow presents an overview of some insect and disease issues of particular interest for turf managers in 2021. Pesticide credit for D,L,N,X.

9:30-10:30 AM

**PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER**

**Introduction to the Green Industry**

Leslie Herndon, Lee Ivey and Leslie Moorman

Join a panel of NCNLA Board and Committee Members as they provide information on NCNLA membership, the Certified Plant Professional (CPP) designation, the advantages and requirements of the various industry licenses, and where to find job opportunities, Among other topics. This is an interactive session so please come prepared with questions for these industry experts!

**NCDA&CS Disease Regulation Updates and Newly Reported Diseases**

HT Tseng, NCDA&CS Plant Industry Division

HT Tseng returns to provide information on changes in regulatory diseases and provide information on newly reported diseases management practices that growers need to know.

10:45-11:45 AM

● LC ● PA

**Fig Buttercup, Floodplain Menace**

Pete Schubert, NC Invasive Plant Council

In this session, you will learn about this invasive plant and how to recognize it on work sites so you can educate your clients about the damage it could do. Learn how to control it – either by manual removal or herbicide treatment – to prevent its spread and help eradicate it. This is a business opportunity waiting to be realized for landowners who want to get rid of this plant on their property. Pesticide credit for D,G,I,L,O,X.

11:45 AM-1:15 PM

**Keynote: Managing Stress and Avoiding Burnout**

Jeanie Y. Chang  
LMFT, CMHIMP,  
CCTP



The historic pandemic has resulted in an altered workplace that has caused a strain on work-life balance. Managing our stress is vital now, more than ever. In her keynote address, clinician and national speaker Jeanie shares insights on building stress resilience to prevent burnout by being solution-focused and proactive.

1:15-2:15 PM

**PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER**

**Caterpillar's State of the Art Machinery**

Description to come!

**Climate Change and Water**

Adam Terando, Southeast Climate Adaptation Science Center

Description to come!

**Red Headed Flea Beetle**

Danny Lauderdale, NC State Extension

The red headed flea beetle has been described by container nursery growers in NC as their #1 pest problem. Understanding of the life cycle is important to building an integrated pest management program to keep populations low and limit foliar damage that results in lost sales. This presentation will review those practices and present insecticide research on management of larva and adult stages.

2:30-3:30 PM

**PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER**

**Machine/Tool Safety**

Mark Harrison, STIHL

Everyone in the green industry should receive comprehensive training on outdoor power equipment (OPE) like chainsaws and small excavators. This session focuses on chain saws and addresses safety tips for both the novice up to the professional. Mark leads an interactive discussion that includes operator PPE, the dangers of complacency, avoiding and/or overcoming bad habits, chain saw safety features, chain saw usage techniques and preventative maintenance.

**Accessibility / ADA**

Victor Stanley, Inc.

Description to come!

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3:30-4:30 PM

**PICK ONE SESSION BELOW TO JOIN LIVE AND WATCH THE OTHERS LATER**

**Bayer Panel on Mosquito Control, IPM or TBD**

*PRESENTER TBD, Bayer*

Description to come!

**Best Safety Practices for the Green Industry Newcomer**

*Mark Harrison, STIHL*

Mark Harrison pulls from his 32 years of experience in safety instruction to provide a need-to-know best practices and techniques in keeping you and your employees safe in the field.

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4:30-4:45 PM

**Closing Remarks**

NCNLA Board of Directors