



**December 8, 2016**  
**Infinite Energy Center**  
**Duluth, GA**

- > The CEUs that get it done
- > Pesticide applicator test prep training
- > GCLP test review

 **PLUS:**  
**BELGARD UNIVERSITY**

**GREAT beats GOOD every time**

Skills to take you from  
**GOOD to GREAT**

**Registration Information**

More training you can't afford to miss from



## LANDSCAPE BUSINESS BOOT CAMP

GreenMark Consulting Group has developed a proprietary Landscape Business BootCamp Platform which offers a combination of business and industry expertise and accelerated knowledge of in-depth strategies.

The curriculum is based on GreenMark's 4 Cores of Landscape Business Success:

1. Guiding the Business
2. Running the Business
3. Getting the Business
4. Doing the Business

### WHO SHOULD ATTEND?

The program is tailored to business owners, managers, employees, and all those seeking to improve their expertise in the landscape industry.

### REAL-WORD SOLUTIONS

- Obtain a better understanding of what it really takes to build, manage and sustain success
- Improve team performance, attitude and loyalty
- Increase your customer loyalty
- Expand your market or service offerings
- Increase your revenue growth profitability
- Learn how to develop a competitive dominance within your market

### BUILT-IN SUCCESS

Each Core includes Landscape Business Courseware and our Landscape Business Success Toolkits™ which serve as a blueprint to help attendees:

- Create a vision, mission and values statement
- Create processes for business standardization
- Define a branding strategy, market position and sales pipeline
- Manage the internal and external customer delivery experience



**DATE:**  
January 19, 2017

**PLACE:**  
Heritage Sandy Springs  
6110 Blue Stone Rd NE  
Atlanta, GA 30328

## SEASONAL COLOR



### Start to Profitable Finish

- The purpose and value of seasonal color
- Selling seasonal color to your clients
- Graphics to sell seasonal color
- Understanding the basics of form, color and texture
- Block design strategies

### One-Day Hands-On Workshop!

**Spend one day with us, spend the Spring making profits.**

**Dr. Richard Ludwig  
Bill Slack, ASLA**

**Thursday, February 16, 2017**

Heritage Sandy Springs  
6110 Blue Stone Rd. NE, Atlanta GA 30328

*Drafting equipment & supplies included*

- Efficient installation of seasonal color
- Secrets of container, soil and plant selection
- How create lush, gorgeous compositions
- Pricing your work to be competitive and profitable
- Management for performance
- Putting it all together - final design project

**Discounts for UAC members!** For details and to register: [urbanagcouncil.com](http://urbanagcouncil.com)



## About Georgia UAC

Georgia UAC promotes professionalism, adherence to industry standards and education and serves as a consumer and industry resource for residential and commercial clients.

As an industry leader, we advocate for the environmental and economic benefits of urban agriculture. We work closely with the Georgia Center for Urban Agriculture at the University of Georgia to educate our members with best management practices for environmental and economic sustainability.

### 2016

## Georgia Urban Ag Council Board of Directors

**Todd Jarrett, President**  
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UGA Extension Horticulturist

**Clint Waltz**  
UGA Extension Turf Agronomist

### Staff

**Mary Kay Woodworth**  
Executive Director

**Kathy Gatten Johnson**  
Marketing Director

Conference management provided by the Georgia Agribusiness Council.



## NEW FOR 2016:

*A la carte registration options to save you time and money! Attend the morning or afternoon sessions.....or stay all day!*

Dear Colleagues,

**How do you compete for the best projects, best clients?  
By being not just good, but GREAT!**

**How do you achieve greatness?**

**By knowing more than the next guy, by solving issues before they become problems, by exceeding your clients' expectations.**

**Get your start to greatness this December at **EDGE Expo**.**

**EDGE Expo** provides just the training you and your employees need to make your business great. And it's right here, all in one place.

See you there!



Sincerely,

Todd Jarrett  
Arbor Hill Nurseries  
Georgia UAC President



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Thank you to all of our SEED sponsors for your generous support.



### Gold

Crabapple Landscape Experts | Greenwood Group  
Landmark Landscapes | MNI Direct | Outdoor Expressions  
Solterra Landscape | Topiary Courtyard | Unique Environmental

**SPEAKERS**



**Rick Barnes**  
ISA Certified  
Arborist,  
Downey Trees



**Dr. Ben Campbell**  
Assistant Professor  
and Extension  
Economist,  
University of Georgia



**Dr. J. C. Chong**  
Associate  
Professor, Plant  
and Environmental  
Sciences, Clemson  
University



**Dr. Mark Czarnota**  
Associate Professor,  
Horticulture,  
University of Georgia



**Jenny Hardgrave**  
Owner, Simply  
Flowers



**Dr. Gary Hawkins**  
Assistant Professor,  
Crop & Soil Sciences,  
University of Georgia



**Greg Huber**  
Training Coordinator,  
Georgia Center for  
Urban Agriculture,  
University of Georgia



**Dr. Will Hudson**  
Professor of  
Entomology,  
University of Georgia



**Dr. David  
Jespersen**  
Assistant Professor,  
Crop & Soil Sciences,  
University of Georgia



**Dr. Elizabeth  
Little**  
Assistant Professor,  
Plant Pathology,  
University of Georgia



**Dr. Alfredo  
Martinez**  
Professor, Plant  
Pathology, University  
of Georgia



**Dr. Patrick  
McCullough**  
Associate Professor,  
Crop & Soil Sciences,  
University of Georgia



**Bobby Mottern**  
Director of  
Horticulture, Sarah  
P. Duke Gardens



**Dr. Bodie Pennisi**  
Professor,  
Horticulture,  
University of Georgia



**Aaron Poulsen**  
Environmental  
Horticulture Program  
Director, Gwinnett  
Technical College



**Paul Pugliese**  
Agriculture & Natural  
Resources agent,  
UGA Cooperative  
Ext, Bartow County



**Dr. Brian  
Schwartz**  
Associate Professor,  
Crop & Soil Sciences,  
University of Georgia



**Rick Smith**  
Owner, The Pruning  
Guru



**Dr. Clint Waltz**  
Professor and  
Turfgrass Extension  
Specialist, University  
of Georgia



**Dr. Jean Williams-  
Woodward**  
Associate Professor,  
Plant Pathology,  
University of Georgia

Thursday, December 8

## Pre-Game Show

8:00 am - 8:45

- .....Damage Prevention: Call Before You Dig
- .....Spray Calibration

## All-Day Session

9:00 am - 4:30 pm

- .....Pesticide Applicator's General Standards Training

## Morning Sessions

9:00 am - 12:00 noon

- .....BELGARD UNIVERSITY: Outdoor Living Design & Installation, *part 1*
- .....BELGARD UNIVERSITY: Hardscape Basics & Product Knowledge, *part 1*
- .....Good Skills: Solving Common (and not so common) Turfgrass Issues
- .....Good Skills: Solving Common (and not so common) Ornamental Issues
- .....Smart Plant and Turf Selections for Southern Landscapes
- .....Irrigation Training for Landscape Professionals

Sponsored by 

12:00 noon - 1:30 pm

Huckleberry's BBQ lunch  
Table-top exhibits | Networking

Back by popular demand!



## Afternoon Sessions

1:00 pm - 4:30 pm

- .....BELGARD UNIVERSITY: Outdoor Living Design & Installation, *part 2*
- .....BELGARD UNIVERSITY: Hardscape Basics & Product Knowledge, *part 2*

1:30 pm - 2:30 pm

- .....A Rollercoaster Called Success: The Floriculture Thrill Ride
- .....Breakthrough Turfgrass Research has Discovered a New Star
- .....Solutions for Erosion and Drainage Issues

Sponsored by 

2:30 pm - 4:30 pm

- .....Turfgrass Today
- .....Great Skills: Advanced Solutions for Turfgrass Issues
- .....Great Skills: Advanced Solutions for Ornamental Issues
- .....Using Pruning and Plant Health Care to Maximize Maintenance
- .....Beneficial and Nuisance Insect ID Workshop

## Evening Session

5:00 pm - 7:00 pm

- .....GCLP Written Exam Review Session

## CEUs by session numbers

### Alabama Pesticide

10 credits D&R and OTPS/OTPC.  
Must attend full day to receive credit.

### Association of Professional Landscape Designers (APLD)

3, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19

### Georgia Certified Landscape Professional (GCLP)

Self-report; maximum of 10 CEUs

### Georgia Pesticide

Category 10: 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19

Category 24: 2, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19

Categories 27 & 31: 2

Category 41: 2, 19

### Golf Course Superintendent Association of America (GCSAA)

3, 6, 7, 8, 9, 15, 16, 17, 18, 19

### Interlocking Concrete Pavement Institute (ICPI)

Applied for; please check website

### International Society of Arboriculture (ISA):

Cert Arborist: 3, 7, 8, 9, 14, 17, 18, 19

BCMA Mgmt: 3, 7, 8, 14, 18, 19

BCMA Practice: 3, 7, 8, 9, 14, 17, 18

BCMA Science: 3, 7, 8, 17, 18, 19

Municipal Spec: 3, 7, 8, 9, 14, 17, 18, 19

TW Climber Specialist: 3, 18

Utility Specialist: 3

### Irrigation Association (IA)

9

### National Association of Landscape Professionals (NALP)

1 CEU per each hour of instruction

### North Carolina Landscape Contractor Licensing Board (NCLCLB)

2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17

### North Carolina Pesticide

3, 6, 7, 8, 9, 15, 16, 17, 18, 19

### South Carolina Pesticide

6, 7, 8, 9, 15, 16, 17, 18, 19

### Sports Turf Mgmt Assn (STMA)

1, 2, 3, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 17, 18, 19

### Tennessee

3, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19



**1 Damage Prevention: Call Before You Dig****8:00 am - 8:45 am**

Georgia 811 will cover the basic information covering the Georgia Dig law and your responsibilities within the law. This will cover the Tolerance Zone, Types of Dig tickets, as well as information on Positive Response and what's considered a utility. Questions are encouraged in this class. *Free with any registration.*

**Rick Routh & Fiona Bowen, Georgia 811****Credits: GCLP; NALP; STMA: .75****2 Spray Calibration for All Truck-Mounted Rigs***(this class will be held outdoors)***8:00 am - 8:45 am**

Graham makes the truck-mounted spray units that many lawn care professionals use in the field. With more than 30 years of manufacturing these units, they are the experts! This session is a hands-on demonstration of the following:

- Daily maintenance for your rig
- Most common parts that need to be changed and how to change them
- How to winterize your unit
- How to get ready for spring

*Free with any registration.***Jim Watson, Graham Spray Equipment****Credits: GCLP; ; Georgia: Cat 24: 1, Cat 27: 1, Cat 31: 1, Cat 41: 1; NALP; NCLCLB: .75L; STMA: .75****3 Commercial Pesticide Applicator's License Test Preparation Training**

This training is intended for turfgrass and ornamental landscape employees interested in attaining the Commercial Pesticide Applicator's Category 24 License in Georgia. This license is required for anyone who does contract spraying of herbicides, insecticides, and fungicides in Georgia for residential, industrial, or business applications. This session also is open to licensed applicators who would like a refresher course.

**9:00 am - 12:00 noon**

General Standards Review

**1:00 pm - 4:30 pm**

Category 24 Review

Participants are encouraged to purchase both study guide manuals and follow along during the training. Order these manuals at [www.gapestexam.com/examInfo.cfm](http://www.gapestexam.com/examInfo.cfm). Please allow 7-14 days for delivery. When ready, participants may register to take the exam through a local technical college testing center in Georgia by logging on to [www.gapestexam.com](http://www.gapestexam.com).

James Morgan, Dougherty County; Paul Pugliese, Bartow County; Anne Randle, Muscogee County; Amanda Tedrow, Clarke County; Brian Maddy, Troup County; University of Georgia Extension

**Credits: APLD: 1.5; GCLP; GCSAA: .65; ISA CA: 4; ISA BCMA Mgmt: 1; ISA BCMA Practice: 2; ISA BCMA Science: 1; ISA Municipal: 4; ISA TW Climber: 1; ISA Utility: 4; NALP; North Carolina LNDX: 6; STMA: .7; Tennessee: C03: 7, C10: 7, C12: 7**

**4 BELGARD UNIVERSITY:****Outdoor Living Design & Installation, part 1**  
*(this class will be held outdoors)***9:00 am - 12:00 noon**

- **Belgard Elements Installation Best Practices**  
Watch and learn as we install a Belgard Elements Fireplace and Wood Boxes on site.
- **Tandem Wall & Column Installation**  
Learn about this new innovative wall and column system and work with it on site to see for yourself.

*No charge for training but you must register. See registration form.***Credits: GCLP; NALP; NCLCLB: 3L****5 BELGARD UNIVERSITY:****Hardscape Basics & Product Knowledge, part 1****9:00 am - 12:00 noon**

- **Paver installation 101**  
Learn how to properly install pavers per the Interlocking Concrete Pavement Institute guidelines. Job layout through finish work will be covered.
- **Raw Material Estimating and Take-Offs**  
Intro to making accurate cost approximations of labor hours, materials, and overhead assessment for a job.

*No charge for training but you must register. See registration form.***Credits: GCLP; NALP; NCLCLB: 3L; STMA: .3****6 Good Skills: Solving Common (and not so common) Turfgrass Issues****9:00 am - 12:00 noon**

This three-hour session is an introduction to common issues with turf.

**McCullough:** Identification of turfgrass weeds. The distinguishing plant parts and key characteristics for weed identification will be presented. The conditions that favor growth and establishment for common turfgrass weeds will also be discussed along with practices for control.

**Martinez:** Basics on turfgrass pathology, diagnosis and control of main foliar, crown and root turfgrass diseases will be discussed.

**Jespersen:** Overview of abiotic stresses and how they affect turf grasses with the aim to assist professionals with their problem-solving skills and enable them to identify the differences between biotic and abiotic stresses. Examples of common and less common abiotic stresses will be presented. Discussion will include how plants respond to abiotic stresses as well as potential ways to reduced stress-induced damages.

**Dr. Patrick McCullough, Dr. Alfredo Martinez & Dr. David Jespersen, University of Georgia**

**Credits: Alabama: APLD: 3; GCLP; GCSAA: .25; Georgia: Cat 10: 1, Cat 24: 3; NALP; NCLCLB: 3L; North Carolina LNDX: 2; South Carolina: 3; STMA: .3; Tennessee: C03: 3, C10: 3, C12: 3**



Sponsored by

## 7 Good Skills: Solving Common (and not so common) Ornamental Issues

9:00 am - 12:00 noon

**Czarnota:** Identification of non-turf weeds in the landscape. The distinguishing plant parts and key characteristics for weed identification will be presented. The conditions that favor growth and establishment for common weeds will also be discussed, along with practices for control.

**Williams-Woodward:** Diseases on landscape plants rely on prevention and early detection. Knowing the symptoms to look for is the first step in identifying and managing plant disease problems. This talk will cover the common plant diseases affecting herbaceous and woody ornamentals in the landscape.

**Pennisi:** Plant establishment and growth in the urban environment can be quite challenging, from intense sunlight, high winds, and extreme temperatures, to drought and flooding – how's a plant to cope with all that? Add low or high pH, compacted soil, even air pollution, and it is truly amazing that plants actually survive! How could you tell if the plant is suffering, what are the causes and more importantly, what you could do to help? This talk will discuss all that and much more!

**Dr. Mark Czarnota, Dr. Jean Williams-Woodward & Dr. Bodie Pennisi, University of Georgia**

**Credits:** Alabama; APLD: 3; GCLP; GCSAA: .25; Georgia: Cat 10: 1, Cat 24: 3; ISA CA: 3; ISA BCMA Mgmt: 1; ISA BCMA Practice: 1; ISA BCMA Science: 1; ISA Municipal: 3; NALP; NCLCLB: 3L; North Carolina LNDX: 2; South Carolina: 3; STMA: .3; Tennessee: C03: 3, C10: 3, C12: 3

## 8 Smart Plant and Turf Selections for Southern Landscapes

9:00 am - 12:00 noon

**Mottern:** Duke Gardens is a 55-acre public botanic garden in the heart of the Duke University campus. Mottern will take you through a tour of the garden sharing the work of his horticulturists and some the most exciting displays of horticulture you'll find in the south. He will discuss appropriate plant selections for this region, cultural practices and disease/pest resistance and control.

**Waltz:** One of the most important steps in turfgrass establishment is the selection of high quality turf that is adapted to the site conditions and intended use of the turf. Careful evaluation of the sun/shade requirements, drought tolerance and other factors must be considered; there are many choices available today and the selection and planning process cannot be underestimated. Waltz will discuss turf selection based on improved growth characteristics, turf quality, resistance to drought, insects and disease and other important benefits.

**Bobby Mottern, Director of Horticulture, Duke University; Sarah P. Duke Gardens; Dr. Clint Waltz, University of Georgia**

**Credits:** Alabama; APLD: 3; GCLP; GCSAA: .25; Georgia: Cat 10: 1, Cat 24: 3; ISA CA: 1.5; ISA BCMA Mgmt: .5; ISA BCMA Practice: .5; ISA BCMA Science: .5; ISA Municipal: 1.5; NALP; NCLCLB: 3L; North Carolina LNDX: 1; South Carolina: 1; STMA: .3; Tennessee: C03: 3, C10: 3, C12: 3

## 9 Irrigation Training for Landscape Professionals

9:00 am - 12:00 noon

Irrigation and water management skills are essential to every Urban Ag professional. In this workshop, participants will assemble the basic components of a system, review watering principles and proper scheduling, and discuss considerations in disease management and protecting water sources from pesticide and fertilizer contamination.

- Irrigation overview, purpose and methods
- Irrigation components and function: Backflow preventer, pressure regulator, valves, pipes, sprinklers, nozzles.
- Hands-on irrigation assembly
- Principles of water distribution and scheduling
- Principles of watering
- Plant water needs and watering requirements.
- Water distribution (overhead and drip watering)
- Scheduling factors and timers
- Considerations in disease management and protecting water sources from pesticide and fertilizer contamination
- Chemigation and injection systems
- Preventing pesticide and fertilizer back-siphonage
- Reducing bacterial and fungal diseases through scheduling practices
- Calculating proper run time for pre-emergence activation waterings
- Activating pre-emergence pesticides using manual and automated systems
- Basic repairs: replacing heads and nozzles

**Dr. Gary Hawkins & Greg Huber, University of Georgia**

**Credits:** Alabama; APLD: 1.5; GCLP; GCSAA: .25; Georgia: Cat 10: 1, Cat 24: 3; IA: Tier 1-3; ISA CA: 1; ISA BCMA Practice: 1; ISA Municipal: 1; NALP; NCLCLB: 3L; North Carolina LNDX: 1; South Carolina: 1; STMA: .3

## 10 BELGARD UNIVERSITY: Outdoor Living Design & Installation, part 2 (this class will be held outdoors)

1:00 pm - 4:30 pm

- **Tandem Modular Grid Construction**  
We will frame and construct an outdoor kitchen unit using Tandem Modular Grid. Work with the product yourself on site to see how it can save you time and money.
- **Belgard Porcelain Installation Best Practices**  
Learn the different installation methods used to install Belgard Porcelain Pavers.

*No charge for training but you must register. See registration form.*

**Credits:** GCLP; NALP; NCLCLB: 3.5L

**11 BELGARD UNIVERSITY:****Hardscape Basics & Product Knowledge, part 2****1:00 pm - 4:30 pm**

- **Outdoor Living Trends**

This segment will cover what is trending in the outdoor living marketplace and what homeowners are looking for. Time-saving solutions also will be discussed.

- **Belgard Design Studio and Tandem Modular Grid**

Learn how Belgard Design Studio can help increase your close rate and increase the size of the project. The use of Tandem Modular Grid also will be discussed.

- **Installation Techniques for Porcelain Pavers**

Learn about the different installation methods for Belgard Porcelain Pavers.

*No charge for training but you must register. See registration form.*

**Credits: GCLP; NALP; NCLCLB: 3.5L**

**12 A Rollercoaster Called SUCCESS: The Floriculture Thrill Ride****1:30 pm - 2:30 pm**

Confession: I specialize in plants that die every six months. And people wait in line to pay me for it! What keeps these people coming back? Why are flowers such a thrill that it makes them worthy of a significant investment for a short period of time?

Without exception, seasonal color is a critical component in completing a landscape. It can be one of the most profitable items on the P&L statement. It is arguably the most emotional aspect of the entire landscape. It is fast-paced, intense, and exhausting; yet, it is rewarding for the artist, the installers, the clients, and the casual observer. Learn how to select annuals that go the distance, successfully use them in design, maintain them, amaze clients..... and quite possibly make the neighbors jealous. We will do all of this on a fast-paced thrill ride that will have you screaming for more. The journey will be so satisfying that you and your clients will queue up to ride again and again and again. Are you ready? All aboard!

**Jenny Hardgrave, Simply Flowers**

**Credits: Alabama; APLD: 1; GCLP; Georgia: Cat 10: 1, Cat 24: 1; NALP; NCLCLB: 1L; STMA: .1; Tennessee: C03: 1**

**13 Breakthrough Turfgrass Research has Discovered a New Star****1:30 pm - 2:30 pm**

Introducing TifTuf bermudagrass. Drought tolerance just got a new standard. The newest University of Georgia turfgrass release from Wayne Hanna and Brian Schwartz, UGA Tifton Campus turfgrass breeding program plant scientists, is TifTuf™ bermudagrass. Now available to landscape professionals and homeowners, TifTuf's drought tolerance and shade tolerance make it one of the best choices for establishing a new lawn. This session will take a look at the testing, data, and real-life applications demonstrating why TifTuf is superior.

**Dr. Brian Schwartz, University of Georgia**

**Credits: Alabama; APLD: 1; GCLP; Georgia: Cat 10: 1, Cat 24: 1; NALP; NCLCLB: 1L; STMA: .1; Tennessee: C03: 1**

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**14 Solutions for Erosion and Drainage Issues****1:30 pm - 2:30 pm**

An overview of common erosion, drainage and grading issues, the problems they create and ways for the landscape professional to solve these problems for their clients.

**Aaron Poulsen, Gwinnett Technical College**

**Credits: Alabama; APLD: 1; GCLP; GCSAA: 0.10; Georgia: Cat 10: 1, Cat 24: 1; ISA CA: 1; ISA BCMA Mgmt: .5; ISA BCMA Practice: .5; ISA Municipal: 1; NALP; NCLCLB: 1L; STMA: .1; Tennessee: C03: 1**

**15 Turfgrass Today****2:30 pm - 4:30 pm**

**Little: Turfgrass Diseases: A Year in Review**

**Campbell: Cost of Pest Management**

**Waltz: Nematode Control for Turf**

**Waltz: Turfgrass Inventory and Pricing**

**Dr. Clint Waltz, Dr. Elizabeth Little & Dr. Ben Campbell, University of Georgia**

**Credits: Alabama; APLD: 2; GCLP; GCSAA: .20; Georgia: Cat 10: 1, Cat 24: 2; NALP; NCLCLB: 2L; North Carolina LNDX: 1.5; South Carolina: 2; STMA: .2; Tennessee: C03: 2, C10: 2, C12: 2**

**16 Great Skills: Advanced Solutions for Turfgrass Issues****2:30 pm - 4:30 pm**

This session will be a more advanced discussion of specific turf issues.

**McCullough:** Emerging issues with weeds in turfgrass will be discussed. The presentation will cover problem weed control, herbicide resistance, and new herbicides.

**Martinez:** Environmental and cultural factors that promote each disease will be reviewed. Turfgrass pathogen biology as well as the different methods of disease control will be emphasized. Also discussed: turfgrass fungicides (including mode of action, formulations, rates, new fungicides etc.) and fungicide selection for specific diseases.

**Dr. Patrick McCullough & Dr. Alfredo Martinez, University of Georgia**

**Credits: Alabama; APLD: 1; GCLP; GCSAA: .20; Georgia: Cat 10: 1, Cat 24: 2; NALP; NCLCLB: 2L; North Carolina LNDX: 2; South Carolina: 2; STMA: .2; Tennessee: C03: 2, C10: 2, C12: 2**



**17 Great Skills: Advanced Solutions for Ornamental Issues**

2:30 pm - 4:30 pm

This session will dig deeper into specific, emerging issues of ornamentals.

**Czarnota:** Tough new weeds in the landscape, prevention and control will be discussed.

**Williams-Woodward:** The two most damaging and important diseases currently affecting specific landscape plants are boxwood blight and rose rosette virus. These two diseases have the potential to remove roses and boxwoods from Georgia landscapes. This talk will give an update on current research on managing these two deadly diseases.

**Dr. Mark Czarnota, Dr. Jean Williams-Woodward, University of Georgia**

**Credits:** Alabama; APLD: 2; GCLP; GCSAA: .20; Georgia: Cat 10: 1, Cat 24: 2; ISA CA: 2; ISA BCMA Practice: 1; ISA BCMA Science: 1; ISA Municipal: 2; NALP; NCLCLB: 2L; North Carolina LNDX: 2; South Carolina: 2; STMA: .2; Tennessee: C03: 2, C10: 2, C12: 2

**18 Using Pruning and Plant Health Care to Maximize Maintenance**

2:30 pm - 4:30 pm

This two-hour session will include a discussion about environmental issues and the tools and expected results from Tree & Plant Health Care, followed by a hands-on workshop demonstrating proper pruning techniques to maximize plant health and minimize attack from pests and diseases. Insect and pest ID, control and treatment will be included.

**Rick Barnes, Downey Trees & Rick Smith, The Pruning Guru**

**Credits:** Alabama; APLD: 1.5; GCLP; GCSAA: .20; Georgia: Cat 10: 1, Cat 24: 2; ISA CA: 2; ISA BCMA Mgmt: .5; ISA BCMA Practice: 1; ISA BCMA Science: .5; ISA Municipal: 2; ISA TW Climber: 2; NALP; NCLCLB: 2L; North Carolina LNDX: 1; South Carolina: 1; STMA: .2; Tennessee: C03: 2, C10: 2, C12: 2

**19 Beneficial and Nuisance Insect ID Workshop**

2:30 pm - 4:30 pm

This two-hour hands-on workshop will include identification, biology, and management of common insect pests found in the landscape, including beneficial and nuisance insects.

**Dr. Will Hudson, University of Georgia & Dr. J. C. Chong, Clemson University**

**Credits:** Alabama; APLD: 1; GCLP; GCSAA: .20; Georgia: Cat 10: 1, Cat 24: 2, Cat 41: 2; ISA CA: 2; ISA BCMA Mgmt: 1; ISA BCMA Science: 1; ISA Municipal: 2; NALP; NCLCLB: 2L; North Carolina LNDX: 2; South Carolina: 2; STMA: .2; Tennessee: C03: 2, C10: 2, C12: 2

**20 GCLP Written Exam Review Session**

5:00 pm - 7:00 pm

Join UGA Training Coordinator and Landscape Architect Greg Huber on Thursday evening for a two-hour review session of the written portions of the rigorous Georgia Certified Landscape Professional (GCLP) exam. The review session will highlight key principles of the study material and engage participants in practice exercises to help prepare for the four written exam portions (General Knowledge, Plant ID, Pest ID, Plan Take-Off) administered the following day at Gwinnett Technical College.

**This optional review session is open to all EDGE Expo attendees at no cost. Registration for the GCLP testing on Friday is made separately from EDGE Expo registration.** Those wishing to take the exam must contact Tami Boyle at the UGA Center for Urban Agriculture at [tadams@uga.edu](mailto:tadams@uga.edu) or 770-233-6107 to reserve a seat. Study materials and program registration are available online at [ugaurbanag.com/certification](http://ugaurbanag.com/certification). Exam fees are imbedded in the registration fee for the Georgia Certified Landscape Professional program and pre-registration is required to sit for the scheduled exam.



**Where to go**

**Infinite Energy Center**

6400 Sugarloaf Parkway  
Duluth GA 30097  
770.813.7500

Traveling north on I-85, take Exit 108, Sugarloaf Parkway. Turn right, go under I-85 and cross over Satellite Blvd. The Infinite Energy Center will be on your left.

Traveling south on I-85, take Exit 108, Sugarloaf Parkway. Turn right and cross over Satellite Boulevard. The Infinite Energy Center will be on your left.



**Parking**

Free on-site parking is available. Overnight parking is prohibited.

**Where to stay**

**Holiday Inn Gwinnett Center**

6310 Sugarloaf Parkway  
Duluth GA 30097  
770.476.2022  
[www.ihg.com/holidayinn/hotels/us/en/duluth/atldu/hoteldetail](http://www.ihg.com/holidayinn/hotels/us/en/duluth/atldu/hoteldetail)

Located 30 miles north of the Atlanta Airport, 25 miles from downtown Atlanta and across from Discover Mills and The Infinite Energy Center.



Georgia's premier green industry association for professionals involved in all sectors of the urban ag industry.

### Why join? Ten great reasons:

1. Reach new customers with UAC's Find a Professional search and GA Landscape Pro blog
2. Workers comp/insurance and health care programs
3. Dynamic meetings and networking events
4. Legislative/regulatory representation
5. Safety School/Safety Zone Awards
6. Acclaimed UAC Magazine
7. Discounted professional development
8. Sales/marketing opportunities and materials
9. GALA: Georgia Landscape Awards
10. Make a difference in your industry

### Find the membership level that fits you perfectly

Investment is based on annual sales revenue and valid for one year.

#### Business memberships\*

Join now at a discount! See registration form.

- Contractor** \$250 - \$875  
*Companies that provide planning, design, construction, installation, and/or maintenance*
- Recreation, Government, Education & Research** \$350  
*Athletic Fields/golf courses/educational institutions/counties and municipalities/public and private parks*
- Vendor, Grower/Nursery, Sod Producer** \$350 - \$875  
*Companies that produce and/or sell materials, products or services*

#### Individual memberships\*

- Independent professional** \$95  
*Individuals (cannot be the owner or principal of the company) whose companies or organizations are not UAC members. Membership is in the individual name.*
- Educator/student** \$40  
*Educators and students (proof of teaching/enrollment in landscape/hort/turf-related program required). Membership is in the individual name.*

\* Membership benefits vary by category. View the details at [urbanagcouncil.com](http://urbanagcouncil.com).



### Registration



### Early Bird Discount

Reduced registration fees through November 30

#### Sign up and save:

- > Register by November 30 to get your Early Bird Discount.
- > UAC members: log in at [urbanagcouncil.com](http://urbanagcouncil.com) to receive your discount when registering online.
- > If you're not a member, consider joining now to get the immediate benefit of reduced registration. New business-level members also save \$100 on their annual investment!

#### To register

- Register online now at [edge-expo.com](http://edge-expo.com)!
- Or complete the registration form on page 11, then:
  - Mail:** Georgia Urban Ag Council  
PO Box 817 | Commerce GA 30529
  - Fax:** 706.336.6898
  - Email:** [events@georgiauac.com](mailto:events@georgiauac.com)
- When you register online at [edge-expo.com](http://edge-expo.com), you will automatically receive a confirmation and receipt. If mailing or faxing your registration, please contact us to request a receipt.
- Full payment must accompany registration.
- Name badge holders and EDGE Expo directories will be available when you arrive at the Expo.
- Reprinting of name badges at the door will be processed at a cost of \$15.00 per badge.

#### Student/Educator registration fee

Students and educators must provide a copy of their current school ID. Students also must submit proof of current enrollment in a two- or four-year landscape or horticulture program.

- Student:** Full- or part-time enrollment in a two-year or four-year program and majoring in a green/urban ag industry-related field (horticulture, turfgrass science, plant science, botany, plant pathology, water management, etc.)
- Educator:** Full or part-time educator at high school or college teaching green/urban ag industry-related program (horticulture, turfgrass science, plant science, botany, plant pathology, water management, etc.)

#### Additional attendees

Please complete one form for each additional attendee.

#### Priority

Class availability will be limited. Attendee must register for specific classes at the time of registration. If classes become full, attendee will be notified immediately.

#### Questions?

Phone: 800.687.6949 | Email: [events@georgiauac.com](mailto:events@georgiauac.com)

**Sorry, no refunds will be given.**

# 1 Attendee info

Name \_\_\_\_\_  
 Title \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Email \_\_\_\_\_

## What is your primary business?

- |   |  |
|---|--|
| <input type="checkbox"/> Landscape design       | <input type="checkbox"/> Athletic/parks/rec management |
| <input type="checkbox"/> Nursery/grower         | <input type="checkbox"/> Turf care                     |
| <input type="checkbox"/> Educator               | <input type="checkbox"/> Landscape construction        |
| <input type="checkbox"/> Sports turf management | <input type="checkbox"/> Tree care                     |
| <input type="checkbox"/> Lighting               | <input type="checkbox"/> Golf course management        |
| <input type="checkbox"/> Landscape management   | <input type="checkbox"/> Irrigation                    |
| <input type="checkbox"/> Sod production         | <input type="checkbox"/> Other _____                   |

# 2 Session selection Complete descriptions on pages 6 - 9. **Choose no more than one session in each time slot:**

## Pre-Game Show 8:00 am - 8:45 am (free with any registration)

- 1 Damage Prevention: Call Before You Dig
- 2 Spray Calibration for All Truck-Mounted Rigs

## All-Day Session 9:00 am - 4:30 pm

- 3 Pesticide Applicator's General Standards Training

## Morning Sessions 9:00 am - 12:00 noon

- 4 **BELGARD:** Outdoor Living Design & Installation, *part 1*
- 5 **BELGARD:** Hardscape Basics, *part 1*
- 6 Good Skills: Turfgrass Issues
- 7 Good Skills: Ornamental Issues
- 8 Smart Plant and Turf Selections
- 9 Irrigation Training for Landscape Professionals

## Afternoon Sessions 1:00 pm - 4:30 pm

- 10 **BELGARD:** Outdoor Living Design & Installation, *part 2*
- 11 **BELGARD:** Hardscape Basics, *part 2*

## 1:30 pm - 2:30 pm

- 12 Rollercoaster Called Success: The Floriculture Thrill Ride
- 13 Breakthrough Turfgrass Research has Discovered a New Star
- 14 Solutions for Erosion and Drainage Issues

## 2:30 pm - 4:30 pm

- 15 Turfgrass Today
- 16 Great Skills: Turfgrass Issues
- 17 Great Skills: Ornamental Issues
- 18 Pruning and Plant Health Care
- 19 Beneficial and Nuisance Insect ID Workshop

## Evening Session 5:00 pm - 7:00 pm

- (optional free preview for those planning to take the GCLP exam)
- 20 GCLP Test Review

# 3 Expo registration fees

*Fees are per person. Lunch is included with full day and morning registrations. See page 10 for specific qualifications and requirements for the Student/Educator rate.*

2016 EDGE Expo - full day	Early	After Nov 30, 2016
Member	<input type="checkbox"/> \$120	<input type="checkbox"/> \$150
Non-member	<input type="checkbox"/> \$150	<input type="checkbox"/> \$180
Student/Educator (see page 10)	<input type="checkbox"/> \$40	<input type="checkbox"/> \$40

**Registering 6 or more for the full day?**  
 Call for group discount: 800.687.6949

Morning Sessions	Early	After Nov 30, 2016
Member	<input type="checkbox"/> \$85	<input type="checkbox"/> \$100
Non-member	<input type="checkbox"/> \$100	<input type="checkbox"/> \$115
Student/Educator (see page 10)	<input type="checkbox"/> \$25	<input type="checkbox"/> \$25

Lunch/exhibits only	Early	After Nov 30, 2016
All attendees	<input type="checkbox"/> \$25	<input type="checkbox"/> \$25

Afternoon Sessions <small>(includes all afternoon sessions)</small>	Early	After Nov 30, 2016
Member	<input type="checkbox"/> \$55	<input type="checkbox"/> \$70
Non-member	<input type="checkbox"/> \$70	<input type="checkbox"/> \$85
Student/Educator (see page 10)	<input type="checkbox"/> \$25	<input type="checkbox"/> \$25

BELGARD UNIVERSITY:	Early	After Nov 30, 2016
Morning (includes lunch)	<input type="checkbox"/> no charge	<input type="checkbox"/> no charge
Afternoon (does not include lunch)	<input type="checkbox"/> no charge	<input type="checkbox"/> no charge
<i>No charge for Belgard training but you must register.</i>		

# 4 Join now and save

**Business-level members - save an extra \$100!**

	Contractor	Vendor, Grower/Nursery, Sod Producer
<i>Investment based on annual sales revenue, valid for one year.</i>		
Under \$1 million	<input type="checkbox"/> \$250 <b>\$150</b>	
Under \$2 million	<input type="checkbox"/> \$350 <b>\$250</b>	<input type="checkbox"/> \$350 <b>\$250</b>
\$2 - \$5 million	<input type="checkbox"/> \$525 <b>\$425</b>	<input type="checkbox"/> \$525 <b>\$425</b>
Over \$5 million	<input type="checkbox"/> \$875 <b>\$775</b>	<input type="checkbox"/> \$875 <b>\$775</b>
Recreation/Government/Education & Research		<input type="checkbox"/> \$350 <b>\$250</b>

Independent professional	<input type="checkbox"/> \$95
Educator/student	<input type="checkbox"/> \$40

I am a current UAC member (annual investment paid in full).

# 5 Payment

Expo	
2016 EDGE Expo - all day	\$ _____
Morning Sessions	\$ _____
Afternoon Sessions	\$ _____

Membership	
Annual investment for new UAC membership	\$ _____
<b>TOTAL</b>	<b>\$ _____</b>

A check payable to Georgia UAC is enclosed.

Please charge my  Visa  MasterCard  Am Ex  Discover

Name on card \_\_\_\_\_

Billing address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Card # \_\_\_\_\_

Exp Date: \_\_\_\_\_ Security code: \_\_\_\_\_



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U.S POSTAGE PAID  
ACWORTH GA  
PERMIT # 41



**URBAN AG COUNCIL**  
GEORGIA

PO Box 817 | Commerce GA 30529

# Skills to take you from **GOOD** to **GREAT**

## NEW FOR 2016:

*A la carte registration options to save you time and money!*



**URBAN AG COUNCIL**  
GEORGIA

 <b>E</b>	 <b>D</b>	 <b>G</b>	 <b>E</b>	<b>EXPO</b>
EDUCATE	DEMONSTRATE	GROW	EQUIP	

December 8, 2016 Infinite Energy Center  
**[urbanagcouncil.com/edge-expo](http://urbanagcouncil.com/edge-expo)**



GeorgiaUrbanAgCouncil



#GAUrbanag

## Early Bird Discount



Reduced registration fees through November 30

- > The CEUs that get it done
- > Pesticide applicator test prep training
- > GCLP test review



**PLUS:**  
**BELGARD UNIVERSITY**