

# INFORMATION. INNOVATION. INSPIRATION.

Thursday, September 1, 2016  
The Arizona Biltmore  
Phoenix, Arizona

The Arizona Nursery Association invites you to attend SHADE 2016, an award winning, one-day educational seminar for landscape and nursery professionals.

Continuing Education Credits have been applied for.

# SHADE 2016



## Make sure to spend time at the MARKETPLACE!

The MARKETPLACE provides an opportunity to interact with industry professionals and companies offering products and resources to support your business. MARKETPLACE opens at 7:00am and remains open until 2:15pm.



## Also on Thursday, Sept. 1st

### Arizona Certified Nursery Professional Training

8:00 am – 4:00 pm

Led by industry experts this all-day class helps attendees prepare for the ACNP exam, offered in September. *ACNP Manual, Lunch & Break Refreshments Included*  
\$150 ANA Members; \$245 for Non-members  
Register online at [www.azna.org](http://www.azna.org)  
Select ACNP Class in "SHADE Conference Registration"

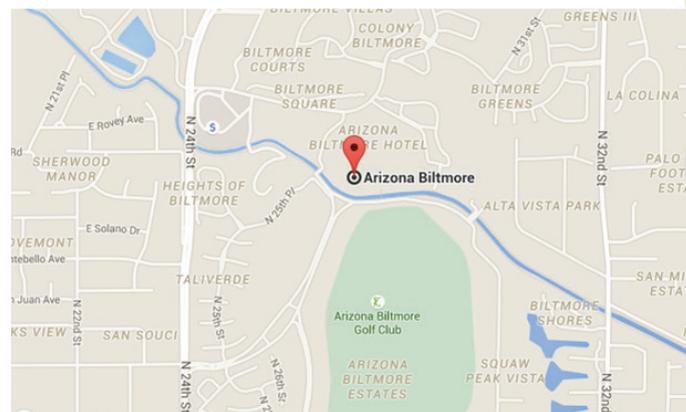
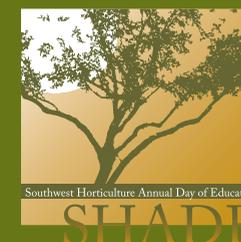
For session summaries, speaker bios,  
or to register online, please visit...  
**WWW.AZNA.ORG**



Arizona Nursery Association  
1430 W. Broadway Road, Ste. 110  
Tempe, AZ 85282

Sign Up Now for SHADE 2016!

SOUTHWEST HORTICULTURE ANNUAL DAY of EDUCATION  
THURSDAY, SEPTEMBER 1st



**SHADE: September 1, 2016, at the Arizona Biltmore in Phoenix, AZ**

Seminar Registration Fee (includes lunch): \$99 for pre-registration (by July 31st); \$89 for sixth and subsequent person(s) from same company; \$125 after July 31st. Please copy form for each attendee.

**TO REGISTER ONLINE OR VIEW COMPLETE SPEAKER BIOS AND TOPIC DESCRIPTIONS, VISIT WWW.AZNA.ORG**

Or mail or fax payment and registration form to:  
 ANA, 1430 W. Broadway Rd., Ste. 110  
 Tempe, AZ 85282-1127  
 Phone: (480) 966-1610  
 Fax: (480) 966-0923  
 Email: shade@azna.org

Name \_\_\_\_\_

Company Name \_\_\_\_\_

Address \_\_\_\_\_

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

Telephone & Fax \_\_\_\_\_

Email Address \_\_\_\_\_

Amount Enclosed \$ \_\_\_\_\_

- Method of Payment:
- Check Payable to ANA
  - Invoice Me
  - Master Card
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CVV \_\_\_\_\_

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Signature \_\_\_\_\_

*\*Continuing Education Credits (CEUs) for ADA, ASLA, APLD, GCSAA, IA, ISA and OPM have been applied for. Actual CEUs awarded will be posted in appropriate sessions.*

# SHADE 2016

7:00 - 8:00 COFFEE & REGISTRATION					
TRACKS	 PEST MANAGEMENT & PLANT HEALTH	 DESIGN	 TREES	 IRRIGATION	 INNOVATIVE LANDSCAPE TRENDS
8:00 - 9:00	<b>Bugs... The Good, The Bad, The Ugly</b> Peter Warren U of A Cooperative Extension - Pima County <b>ADA, OPM, ISA, GCSAA</b>	<b>Native Plants: Availability vs. Demand</b> Lori Woods, RECON Environmental, Inc., Ed Mulrean, Arid Zone Trees, Amy Belk, Pima County Native Plant Nursery, Harry Cooper, Flood Control District of Maricopa County <b>ASLA, APLD</b>	<b>Tree Risk Assessment and the Use of Drones in Arboriculture</b> Tom Smiley Bartlett Tree Services <b>ISA, GCSAA</b>	<b>Smart Controllers for Commercial Sites: The New Central</b> Jeff Lee Town of Gilbert <b>IA, ASLA, APLD, GCSAA</b>	<b>How Landscape Plants can be used to Mitigate Urban Heat</b> Chris Martin Arizona State University <b>ASLA, APLD, GCSAA</b>
9:00 - 9:15 MARKETPLACE OPEN					
9:15 - 10:15	<b>Top 10 Reasons Your Plants are Ugly</b> Kelly Young, The U of A Cooperative Extension - Maricopa County <b>ADA, OPM, ISA, GCSAA</b>	<b>Water Here There Where?</b> Boyd Coleman, Coleman Design Group, Carol Ward-Morris, AMWUA, Wayne Colebank, Logan Simpson Design, Josh Gormally, Artistic & Architectural Landscape Design, Michael Rockwell, Azul-Verde Design Group, Inc., Ali Abbaszadegan, Orcutt Winslow <b>IA, ASLA, APLD</b>	<b>Reducing Sidewalk Damage from Tree Root Growth</b> Tom Smiley Bartlett Tree Services <b>ISA, ASLA, APLD, GCSAA</b>	<b>Lessons Learned and Gallons Saved from Gilbert's HOA Landscape Irrigation Assistance Program</b> Jeff Lee, Town of Gilbert <b>IA, ASLA, APLD, GCSAA</b>	<b>Lifestyle Enhancement Through LED Lighting</b> Roger Ramsey Ewing Irrigation <b>ASLA, APLD</b>
10:15 - 10:30 MARKETPLACE OPEN					
10:30 - 11:30	<b>Mosquitos in AZ: Their Importance &amp; Public Health Implications</b> Kirk Smith, Ph.D, Maricopa County Vector Control <b>ADA, OPM, ISA, GCSAA</b>	<b>Swept Up in SWPPP - Increasing the Landscape Industry's Role</b> Ellen Alster, Pima County, Galen Drake, J2 Engineering & Environmental Design, Wayne Colebank, Logan Simpson Design <b>ASLA, APLD</b>	<b>Underutilized Trees Need Love Too!</b> Bart Worthington Mountain States Wholesale Nursery <b>ISA, ASLA, APLD, GCSAA</b>	<b>Giving Plants What They Need One Drip at a Time Part 1</b> Jeffrey Knight Ewing Irrigation <b>IA, ASLA, APLD, GCSAA</b>	<b>Water Management Topic</b> Speaker TBD <b>IA</b>
11:30 - 1:00 MARKETPLACE OPEN THROUGH LUNCH					
1:00 - 2:00	<b>OPM Update</b> Vince Craig, Assistant Director of Compliance, Office of Pest Management <b>OPM, ISA, GCSAA</b>	<b>Slow it, Spread it, Sink it</b> Ryan Wood Watershed Management Group <b>IA, ASLA, APLD</b>	<b>Backyard Orchard Culture</b> Tom Spellman Dave Wilson Nursery <b>ISA, ASLA, APLD</b>	<b>Giving Plants What They Need One Drip at a Time Part 2</b> Jeffrey Knight Ewing Irrigation <b>IA, ASLA, APLD, GCSAA</b>	<b>So You Think You Know Sustainable Landscape Management Practices?</b> Kasey Billingsley, ALCA <b>ASLA, APLD</b>
2:00 - 2:15 MARKETPLACE OPEN					
2:15 - 3:15	<b>How Do Landscape Herbicides Kill Plants?</b> Bill McCloskey, U of A - School of Plant Sciences <b>ADA, OPM, ISA, GCSAA</b>	<b>Landscape Architects + Artists: Weaving the Fabric of Public Projects</b> Denise Dunlop and Kurt Montei J2 Engineering & Environmental Design <b>ASLA, APLD</b>	<b>Preventing Bulldozer Blight: Protecting Trees Before, During and After Construction</b> Tanya Quist, U of A - Campus Arboretum <b>ISA, ASLA, APLD, GCSAA</b>	<b>The Contractor's Insight: Developing and Implementing a Water Management Program for HOA Landscapes</b> Josh Dupper, R.H. Dupper Landscaping, Inc. <b>IA, ASLA, APLD, GCSAA</b>	<b>Outdoor Living as an Art Form: Strategies for Distinguished Composition &amp; Design</b> Kirk Bianchi, Bianchi Design <b>ASLA, APLD</b>
3:15 - 4:15	<b>Knowing Modes of Action of Your Insecticides Help You Make Better Decisions</b> Peter Ellsworth & Naomi Pier, U of A - Maricopa Ag Center <b>ADA, OPM, ISA, GCSAA</b>	<b>Concrete Jell-O Mold?</b> Aaron Allan, J2 Engineering & Environmental Design <b>ASLA, APLD</b>	<b>Sustainable Pruning</b> John Eisenhower Integrity Tree Service, Inc. <b>ISA, ASLA, APLD, GCSAA</b>	<b>Sustainability in the Green Industry: The New Odd Couple?</b> Warren Gorowitz, Ewing Irrigation <b>IA, ASLA, APLD, GCSAA</b>	<b>Offices on Fleek: Workplace Design for the Millennial Mindset</b> Melissa Alexander, Gould Evans <b>ASLA, APLD</b>

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