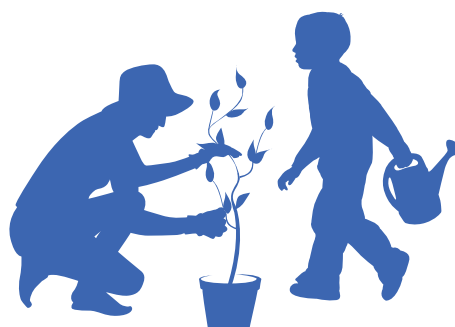


NATIONAL CHILDREN & YOUTH GARDEN SYMPOSIUM



JULY 13-16, 2016 • COLUMBIA, SC

WELCOME



The American Horticultural Society's National Children & Youth Garden Symposium (NCYGS), now in its 24th year, is a one-of-a-kind event for educators, landscape architects, program coordinators, community leaders, and others dedicated to connecting kids to plants and the natural world. We hope you enjoy your time at NCYGS 2016 in Columbia, South Carolina discovering some of the incredible gardens and garden programs that call this area home, and sharing best practices and achievements with colleagues in the field of youth gardening education.

NCYGS 2016 is co-hosted by Clemson University Extension, Heathwood Hall, and Riverbanks Zoo & Garden, with sessions held at the Columbia Marriott. Featuring over 50 workshops and lectures by national and regional youth gardening professionals, highlights include inspiring keynote presentations, field trips to local hosts Heathwood Hall school and Riverbanks Zoo & Garden, and an outstanding offering of pre- and post-symposium field trips.

Gardens can be invaluable resources for children to learn about the world around them, as well as endless sources of wonder, fun, and imagination. Thank you for joining us as we work to make gardens a vital and accessible part of every child's life experience.



Text NCYGS to 565-12 for a mobile-friendly version of the NCYGS 2016 schedule and other helpful information on the go.



To access WiFi at the Columbia Marriott: select the Lobby or Conference network depending on your location. On the landing page, click "log in with code" and use the code garden (all lower case).

SCHEDULE AT A GLANCE

	MORNING	EARLY AFTERNOON	LATE AFTERNOON	EVENING
WEDNESDAY, JULY 13	Pre-Symposium tour of Columbia school gardens <i>(pre-registration required)</i>			
	Pre-Symposium excursion to the Pearl Fryar Topiary Garden and Moore Farms Botanical Garden <i>(pre-registration required)</i>			
THURSDAY, JULY 14	Welcome & Opening Remarks Concurrent Sessions	Concurrent Sessions Lunch and presentation of the 2016 Growing Good Kids Book Awards and AHS Jane L. Taylor Award	Excursion to Heathwood Hall <i>(included with registration)</i> Concurrent Sessions in the Robinson Center for Math & Sciences/Upper School at Heathwood Hall	Dinner in the Heathwood Hall dining commons KEYNOTE: Performance of <i>A Sense of Wonder</i> by Kaiulani Lee in the Heathwood Hall theatre in the Smith-Shirley Campus Center <i>(included with registration)</i>
FRIDAY, JULY 15	Concurrent Sessions	Concurrent Sessions Lunch	Excursion to Riverbanks Zoo & Garden <i>(included with registration)</i>	Evening on your own
SATURDAY, JULY 16	Concurrent Sessions	Lunch KEYNOTE: Kaifa Anderson-Hall, <i>Transforming People and Place through the Power of Plants</i>	Post-Symposium excursion to the Clemson Sandhill Research & Education Center with tour of the Carolina Children’s Garden and reception in the Lake House <i>(pre-registration required)</i>	

KEYNOTES

A SENSE OF WONDER

Kaiulani Lee



Written and performed by Kaiulani Lee, the play *A Sense of Wonder* has been touring the United States for over twenty years. Based on the life of biologist Rachel Carson and her experiences following the 1962 publication of *Silent Spring* – Carson’s groundbreaking exposé of the ecological damage caused

by pesticides - the play has been the centerpiece of regional and national conferences on conservation, education, journalism, and the environment. Through the story of Carson’s inspirational legacy, the play explores our deep bond with the natural world and the value of taking a stand to protect it. Kaiulani has performed *A Sense of Wonder* at over one hundred universities, dozens of high schools, the Smithsonian Institute, the Albert Schweitzer Conference at the United Nations, at the Department of the Interior’s 150th anniversary, and in 2007 performed on Capitol Hill, bringing Miss Carson’s voice once again to the halls of Congress. *A Sense of Wonder* has played in every Canadian province, in England, Italy, India, and Japan.

Kaiulani Lee has more than thirty-five years of experience in theater, film and television, having starred in over a dozen plays on and off Broadway. She has been nominated for the Drama Desk Award on Broadway and has won the Obie Award for “Outstanding Off-Broadway Achievement.”

TRANSFORMING PEOPLE AND PLACE THROUGH THE POWER OF PLANTS

Kaifa Anderson-Hall



Kaifa Anderson-Hall has more than thirty years’ combined experience as a social service and horticultural/environmental education professional advancing the holistic well-being of youth, families and communities in the Washington, DC metropolitan area. With a BA in Psychology

and a Master of Social Work degree, Kaifa spent a number of years working for social service organizations and non-profits serving the needs of diverse groups of people, from at-risk expecting mothers to pre-adjudicated youth. In 2005 while working as Social Worker and Family Support Coordinator at the charter school she co-founded, Kaifa took the DC Master Gardeners course and began volunteering at the Washington Youth Garden, a forty-five year old hands-on garden education program at the US National Arboretum, whose programs she attended growing up in DC. In 2007 Kaifa became the Program Director for the Washington Youth Garden, a position she held until 2012.

Today Ms. Anderson-Hall works in a variety of capacities to connect and transform people and places through the power of plants. As a passionate advocate and service provider for different abilities and special needs communities, Kaifa obtained certification from the Horticultural Therapy Institute and works as a Horticulture Specialist/Therapist for individuals with differing abilities, both intellectual and physical. She also works with local non-profits to use land-based and urban greening applications as a platform for youth and community empowerment. As the proprietor of Inspired Horticulture Services, Inc., she furthers her work by way of garden design, horticulture education, and program development and facilitation.

HIGHLIGHTS



AN AFTERNOON & EVENING AT HEATHWOOD HALL

On Thursday the symposium will take a trip to Heathwood Hall, a local preK-12th grade school with an extensive School Environmental Education program (SEED) including themed gardens spread throughout the campus that are created by the fifth grade class every year. At Heathwood attendees will enjoy educational sessions, a dinner featuring local ingredients, and a **keynote presentation from Kaiulani Lee**, who will perform her play *A Sense of Wonder* in the Heathwood Hall school theatre. *(Excursion & dinner are included in Thursday symposium registration)*



GARDEN EXPLORATIONS AT RIVERBANKS ZOO & GARDEN

On Friday, symposium attendees will have a chance to explore Riverbanks Zoo & Garden and their new Waterfall Junction children's garden, which opened in April. The three-acre children's garden features a life-size replica of a *Tyrannosaurus rex*, giant tree houses, a 25-foot waterfall, a wading pond, grassy meadow, and more. It is nestled within the larger living classrooms of Riverbanks' renowned botanical garden and zoo. Self-guided explorations will allow attendees to experience all that Riverbanks has to offer. *(Excursion is included in Friday symposium registration)*



GROWING GOOD KIDS BOOK AWARDS

The recipients of the 2016 "Growing Good Kids – Excellence in Children's Literature Award" will be announced Thursday afternoon at the Columbia Marriott. Presented jointly by the National Junior Master Gardener Program and the American Horticultural Society, these awards recognize engaging and inspiring works of plant-, garden-, and ecology- themed children's literature. The Growing Good Kids – Excellence in Children's Literature Awards are presented annually to qualifying titles published in the previous year.



JANE L. TAYLOR AWARD

Lee and Kathy Lovett are the 2016 recipients of the American Horticultural Society's Jane L. Taylor Award which recognizes an individual, organization, or program that has inspired and nurtured future horticulturists through efforts in children's and youth gardening. As educators with decades of experience in the Hall County school system in Gainesville, GA, together the Lovetts have combined their love for gardening and education to create Gardens on Green, an educational garden next to the Hall County Education Building. With conifer, vegetable, and pollinator gardens, a compost center, and nutrition center, the garden serves as an influential first introduction to the joys of gardening for many students.

OPTIONAL ACTIVITIES



PRE-SYMPOSIUM:
Tour of Columbia School Gardens
Wednesday July 13, 8:00am–12:30pm

This pre-symposium trip will visit school gardens throughout Columbia that are involved with South Carolina Green Steps, a statewide program that “recognizes schools who take annual sustainable steps toward becoming more environmentally responsible.” Teachers at Catawba Trail Elementary School, St. John Neumann Catholic School, and the Barclay School at Magnolia Farm will share insights into their school gardens and how they fit into daily school life. As a public elementary school, a private preK-6th grade school, and a non-profit school offering an alternative approach for students who learn differently, these schools will demonstrate a variety of successful settings and approaches for a thriving school garden program.



PRE-SYMPOSIUM:
**Full Day at the Pearl Fryar Topiary Garden
and Moore Farms Botanical Garden**
Wednesday July 13, 9:00am–5:00pm

Join us as we travel to two hidden horticultural gems outside of Columbia. The first stop will be the Pearl Fryar Topiary Garden, a truly unique and inspirational garden in Bishopville, SC. Many of Pearl Fryar’s topiaries started out as discards in local nursery compost piles, and through Fryar’s creative vision and skill, found new life as fantastical topiaries in his garden dedicated to the ideals of “love, peace, and goodwill.” Then the trip will head to Moore Farms Botanical Garden in Lake City, SC. Located on what was once farmland, the site has been transformed into a horticultural marvel boasting innovative and breathtaking gardens that serve as a resource for research and educational programs. Attendees will have the chance to explore and learn about Moore Farms’ recently launched youth education program. Lunch will be provided.

POST-SYMPOSIUM TRIP:

Saturday July 16, 2:00pm–5:15pm

Our post-symposium trip will visit the Clemson University Sandhill Research & Education Center (REC), a 600-acre natural haven in northeast Columbia that serves as a resource for Clemson Extension research and education programs. First we’ll tour the on-site Carolina Children’s Garden, two acres where children can play and explore in themed gardens such as the Dinosaur Garden, Bird Garden, and Alphabet Garden. Then attendees will enjoy a reception in the scenic Sandhill REC Lake House to cap off their symposium experience.



SCHEDULE OF EVENTS

TUESDAY

JULY 12, 2016

1:30PM – 3:30PM Check-in and on-site registration at the Columbia Marriott

WEDNESDAY

JULY 13, 2016

7:00AM – 9:00AM Check-in at the Columbia Marriott for pre-symposium excursions

8:00AM Bus for Columbia school gardens pre-symposium excursion departs the Columbia Marriott

8:00AM – 12:30PM Columbia school gardens pre-symposium excursion

9:00AM Bus for Pearl Fryar Topiary Garden and Moore Farms Botanical Garden pre-symposium excursion departs the Columbia Marriott

9:00AM – 5:00PM Pearl Fryar Topiary Garden and Moore Farms Botanical Garden pre-symposium excursion

THURSDAY

JULY 14, 2016

*All Thursday symposium activities are on the first floor of the Columbia Marriott
(excluding field trip to Heathwood Hall school)*

7:30AM – 1:00PM Check-in and on-site registration

7:30AM – 1:45PM Book store open in Palmetto II

7:30AM – 9:15AM Breakfast in Capital Ballroom

8:30AM **Welcome and Opening Remarks:** Tom Underwood, Executive Director, American Horticultural Society; Amy Bolton, Board Chair, American Horticultural Society; and Dr. Thomas Dobbins, Director of Cooperative Extension, Clemson University Cooperative Extension

SCHEDULE OF EVENTS

THURSDAY *(cont.)*

JULY 14, 2016

9:30AM – 10:30AM Session Block A-Lecture
(see session descriptions packet for more information)

A1 | Capital IV

The Gardens at Drew: The Model School Market Garden Program,
Michael Craig

A2 | Carolina A

A Secret Garden: Successes and Challenges in Reaching Rural
Low-income Youth, *Rebecca Turk*

A3 | Carolina D

Family Gardens: A User's Guide for Designers and Horticultural
Professionals, *Chris Cosby*

A4 | Carolina F

NGSS in the Outdoor Classroom, *Arden Bucklin-Sporer*

A5 | Carolina B-C

Fast Fun Fresh Good Gardens To Go, *Dr. Arlene Marturano*

A6 | Carolina G-H

Captivate Your Audience! Using Storytelling and Touch Makes
Learning Stick!, *Erica Max*

A7 | Carolina E

School Gardening for South Carolina Educators, *Amy Dabbs,*
Zack Snipes, Patricia Whitener

A8 | Palmetto I

Regional School Garden Hub for Supporting School Garden
Coordinators, *Rick Sherman*

10:45AM – 11:45AM Session Block B-Lecture
(see session descriptions packet for more information)

B1 | Carolina F

Using Skills of Older Gardeners to Build Better Dirt, *Jenks Farmer*

B2 | Carolina D

Re-thinking the Design of a Public Children's Garden, *Betsy Corn,*
Mary Haque

SCHEDULE OF EVENTS

THURSDAY *(cont.)*

JULY 14, 2016

B3 | Carolina E

Monarchs, Milkweed, and Migration: An International Expedition,
Will Green, Sara Green, I'esha Odom, Clare Bellucci

B4 | Carolina B-C

It's Herbalicious!, *Barbara Thomas*

B5 | Carolina A

A 4-H Gardening Project: Hands-on Experience with Statewide Competition, *Alana West*

B6 | Capital IV

Enjoying the Fruits of Your Labor, *Amy Weaver, Justina Siuba*

B7 | Carolina G-H

Inch by Inch – A Student Run Garden Business, *Anna Spittler, Jann Knappage*

B8 | Palmetto I

Assessing Formal Learning in an Informal Garden Setting,
Carmen Carrion, Kyla Van Deusen, dr. debra leigh walls rosenstein

12:00PM – 1:15PM Lunch in Capital Ballroom

12:30PM Presentation of the 2016 Growing Good Kids – Excellence in Children's Literature Book Awards and AHS Jane L. Taylor Award

1:15PM – 1:45PM Book signing in the book store in Palmetto I with Katherine Pryor, author of *Zora's Zucchini*, a 2016 Growing Good Kids – Excellence in Children's Literature Book Award winner

1:15PM – 2:15PM Break

2:15PM Buses board and depart for Heathwood Hall school for educational sessions, dinner, and keynote presentation (*included in registration*)

2:30PM – 3:15PM Break and self-guided exploration of Heathwood Hall school gardens

3:15PM – 4:45PM Session Block C **at Heathwood Hall** in the Robinson Center for Math & Sciences/Upper School (workshop)

C1 | Room 109

Playing to Learn: Using Garden Games to Meet Learning Objectives,
Kavanah Anderson

SCHEDULE OF EVENTS

THURSDAY *(cont.)*

JULY 14, 2016

C2 | Room 110

Children Beyond the Garden: Your Local Herbarium!, *Dr. John Nelson*

C3 | Lecture Hall

PLANTS: Purposeful Landscape Attributes Naturalizing The South,
Dr. Todd Beasley

C4 | Room 115

School Gardens: Simple = Sustainable, *Jane Hiller, Chanda Cooper*

C5 | Room 116

Learn, Grow, Eat & GO! A Youth Gardening & Classroom Curriculum,
Lisa Whittlesey, Caren Walton

C6 | Room 123

Linking Children's Literature & Gardening, *Dr. Steve Rich*

C7 | Room 130

The Children's Voice: Listening to the Experts, *Dr. Mary Legoria,*
Dr. Pam Blanchard

C8 | Room 111

This One is for the Birds!, *Candice Miller, Lisa Hepker*

5:00PM – 6:00PM Dinner in Heathwood Hall dining commons

6:15PM – 7:45PM **Keynote Presentation:** Kaiulani Lee – *A Sense of Wonder* in the
Heathwood Hall theatre in the Smith-Shirley Campus Center

8:00PM Buses board and return to the Columbia Marriott

FRIDAY

JULY 15, 2016

*All Friday symposium activities are on the first floor of the Columbia Marriott
(excluding field trip to Riverbanks Zoo & Garden)*

7:30AM – 1:30PM Check-in and on-site registration

7:30AM – 1:00PM Book store open in Palmetto II

7:30AM – 9:00AM Breakfast in Capital Ballroom

SCHEDULE OF EVENTS

FRIDAY *(cont.)*

JULY 15, 2016

9:15AM – 10:15AM Session Block D-Lecture
(see session descriptions packet for more information)

D1 | Carolina B-C

Youth Farmers Market Toolkit: How School Gardens Impact the Community, *Andrew Nowak, Allie Molinda*

D2 | Carolina D

Building a Children's Garden: From Concept through Construction, *Andy Cabe, Amanda Segura*

D3 | Carolina G-H

Seeds of Science at the Michigan 4-H Children's Gardens, *Dr. Norm Lownds*

D4 | Carolina E

Creating Wildlife Habitat and Outdoor Classrooms on School Grounds, *Sara Green, Mary Phillips*

D5 | Capital IV

Where Have All the Flowers Gone? Building Gardens for Longevity, *Dr. Sara Starbuck, Karen Midden*

D6 | Palmetto I

Does Your Garden Have E.S.P.? (Extra Special Plants), *Ian Warnock*

D7 | Carolina F

Boulders, Birches & Books: A Magical Park Connects Families to Nature, *Nancy Striniste, Lauren Wheeler*

D8 | Carolina A

Pennsylvania Pride - Innovation in K-12 Environmentally Conscious Programming, *Cindy Tyler, Steve Cooper, Carole Wright*

10:45AM – 12:15PM Session Block E-Workshop
(see session descriptions packet for more information)

E1 | Carolina A

"I Can Do That!" Online JMG Youth Garden Resources/Curriculum/ Training Tools, *Randy Seagraves*

SCHEDULE OF EVENTS

FRIDAY *(cont.)*

JULY 15, 2016

E2 | Carolina F

Using Evidence-based Research for Successful Youth Garden Programs, *Katie Nikah, Bonnie Martin, Shirene Garcia*

E3 | Carolina D

Powerful Partnerships to Ensure Urban Youth Get Their Hands Dirty, *Lee Coykendall, Su Lok, Jashae Smith*

E4 | Palmetto I

Littlest of Green Thumbs: Engaging Preschoolers in the Garden, *Elizabeth Schleicher*

E5 | Capital IV

Fun, Hands-On Garden Day Camp Ideas, *Dr. Shelley Mitchell*

E6 | Carolina B-C

Vegetable Production with Special Populations, *Jenny Totten, Tabitha Surface*

E7 | Carolina E

Next Generation Garden-Based Learning: Middle School, *Kyla Van Deusen*

E8 | Carolina G-H

Insect Hotels and Pollinator Havens: Teaching Youth About Insects, *Kelly Allsup*

12:30PM – 1:30PM Lunch in Capital Ballroom

1:45PM Buses board and depart for Riverbanks Zoo & Garden
(included in registration)

2:00PM – 6:00PM Self-guided exploration of Riverbanks Zoo & Garden

5:00PM – 6:00PM Buses board and return to the Columbia Marriott

*****Evening on your own*****

SCHEDULE OF EVENTS

SATURDAY

JULY 16, 2016

All Saturday symposium activities are on the first floor of the Columbia Marriott

7:30AM – 11:00AM Check-in and on-site registration

7:30AM – 12:15PM;

1:40PM – 2:00PM Book store open in Palmetto II

7:30AM – 8:45AM Breakfast in Capital Ballroom

8:15AM Introduction of NCYGS 2017 location:
Greater Portland, OR and Vancouver, WA area

9:00AM – 10:00AM Session Block F-Lecture
(see session descriptions packet for more information)

F1 | Carolina IV

Defeating the Grant Beast, *Dr. Todd Beasley*

F2 | Carolina B-C

When Students Grow, They Are In The Know, *Jennifer Grabner,
Linda Jones*

F3 | Carolina F

It's All About the Plants: A Chlorophyllic Journey, *Jane Taylor*

F4 | Carolina A

**Garden Field Trips: Evaluating the Elementary Student Learning and
Behavioral Experience**, *Jayne Funderburk, Soozie Pline*

F5 | Carolina D

**Produce Pedalers: An Agripreneurial Adventure with At-Risk
Adolescents**, *Jenny Totten, Valerie Bandell*

F6 | Carolina G-H

The Magic of Children's Gardens: Inspiring Through Creative Design,
Dr. Lolly Tai

F7 | Carolina E

**Expanding Educational Opportunities in a Children's Garden Through
Teen Interpreters**, *Jennifer Laquet*

SCHEDULE OF EVENTS

SATURDAY *(cont.)*

JULY 16, 2016

10:00AM – 10:45AM Break (Soda City Market open outside hotel)

10:45AM – 12:15PM Session Block G-Workshop
(see session descriptions packet for more information)

G1 | Carolina D

Growing Healthy Kids and Communities, *Heather Buritsch,
Amy Wolpert, Nathan Bratko*

G2 | Capital IV

Earth and PolliNation EcoSTEM Kits: A Hands-on Tour, *Kim Bailey*

G3 | Carolina G-H

Bringing the Garden into Art Enrichment Classes, *Heather Kelejian*

G4 | Carolina E

**Grow Your Garden Program with Innovative New Books and
Websites!**, *Pam Hosimer*

G5 | Palmetto I

A Bilingual Garden Extravaganza!, *Beth Lemire, Sandra Harrison*

G6 | Carolina B-C

YouTube and Videolicious: Online Story-Making Made Easy,
Dr. Gail Wagner

12:15PM – 1:45PM Lunch in Capital Ballroom

12:30PM **Keynote:** Kaifa Anderson-Hall – *Transforming People and Place
through the Power of Plants* in Capital Ballroom

2:00PM Bus for post-symposium excursion departs Columbia Marriott

2:00PM – 5:15PM Post-symposium excursion to the Clemson Sandhill Research &
Education Center with Carolina Children's Garden tour and Lake
House reception

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JULY 12-15, 2017