

# THE AMERICAN HORTICULTURAL SOCIETY'S 27<sup>TH</sup> ANNUAL

## NATIONAL CHILDREN & YOUTH GARDEN SYMPOSIUM



JULY 10-13, 2019 • MADISON, WI  
AMERICAN HORTICULTURAL SOCIETY

### WELCOME



AMERICAN  
HORTICULTURAL  
SOCIETY

Climate change, pollinator-species decline, and environmental degradation have become all too familiar subjects in our lives and communities. However, as citizens and as educators, the strategies we deploy, the choices we make, and the values and messages we communicate have the potential for real impact. The focus for the 2019 National Children & Youth Garden Symposium will be about providing the next generation with the knowledge and tools to create a sustainable environmental future and also about finding ways to maintain and grow the gardens and programs that nurture our youth.

Madison, the capital city of Wisconsin, is an ideal setting for a sustainability-themed NCYGS. Situated between two sparkling lakes, Madison is home to 260 parks, more bikes than cars, and a long list of environmental pioneers like Aldo Leopold, an environmentalist and professor at the University of Wisconsin who helped create the modern concept of wildlife management. Hosted by Community GroundWorks, the Wisconsin School Garden Network, and UW-Madison's Environmental Design Lab, this year's schedule features nearly 50 informative workshops and lectures led by youth-gardening professionals from around the country, inspiring speakers, and off-site excursions to educational garden- and nature-based sites.

Thank you for joining us for the American Horticultural Society's 27th annual symposium, a one-of-a-kind event for educators, garden designers, program coordinators, community leaders, and others dedicated to connecting kids to plants and the natural world. Equal parts education, inspiration, and celebration, NCYGS connects and reconnects attendees with kindred spirits, illuminates the latest trends and best practices, and nourishes and energizes participants to continue their work to make gardens a vital and accessible part of every child's life experiences.

## SCHEDULE AT A GLANCE

	MORNING	EARLY AFTERNOON	LATE AFTERNOON	EVENING
<b>WEDNESDAY, JULY 10</b>	<b>Pre-symposium Workshop</b> Uprooting Racism in the Food System: Food Justice in Garden-Based Education <i>(pre-registration required)</i>		<b>NCYGS Networking Ice Cream Social</b> <i>(pre-registration required)</i>	<b>School Garden Support Organizations Dinner</b> <i>(pre-registration required)</i>
<b>THURSDAY, JULY 11</b>	<b>Welcome &amp; Opening Remarks</b> — <b>General Session:</b> Keynote Pashon Murray — <b>Session Block A, B</b>	Lunch	<b>Afternoon Activities:</b> School & Youth Garden Tour  Madison Children's Museum Tour  UW Garden and Greenhouse Tour	<b>Dinner Roundtables</b> <i>(optional)</i>
<b>FRIDAY, JULY 12</b>	<b>Presentation of Growing Good Kids Book Awards</b> — <b>General Session:</b> Madison Local Engagement Panel & Discussion — <b>Session Block C</b>	Lunch — <b>Session Block D, E</b>	<b>Tour &amp; Reception at Troy Kids' Garden</b> <i>(pre-registration required)</i>	
<b>SATURDAY, JULY 13</b>	<b>Closing Remarks</b> — <b>Session Block F, G</b>	Lunch	<b>Post-symposium Tour:</b> Frank Lloyd Wright's Taliesin Gardens <i>(pre-registration required)</i>	



### WIFI ACCESS:

1. Select **UWNet WiFi**. This will redirect you to a login page within your internet browser.
2. Click "**Create Guest Account**." Fill in name and email address and click "accept terms of use."
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### SCHEDULE ON THE GO:

Text **NCYGS** to **565-12** for a mobile-friendly version of the NCYGS 2019 schedule and other helpful information on the go.

## SPEAKERS



AMANI OLUGBALA

**Amani Olugbala**, Community Educator at Soul Fire Farm, is a storyteller and food justice advocate with over 15 years of experience in youth education and community outreach. Amani combines artistic expression, project-based learning and outdoor education tools to facilitate social justice based workshops and discussions with individuals, groups and organizations. Amani seeks to push communities to challenge presumed differences and work together in uncovering interlocked paths towards self-determination and community liberation. Amani's early work with the Natural Leaders, Brother Yusuf and the Youth Ed Venture Network, underscored the necessity of reintroduction to land as a source of healing and power for those of us who have been historically and systematically disconnected. Amani awoke a personal connection to seed while directing YO!, a youth-centered urban garden program in Albany, NY. At Soul Fire Farm's Black and Latinx Farmer Immersion, Amani further cultivated the tools to sustain this connection and share it with others. Soul Fire Farm raises life-giving food for folks surviving food apartheid, trains farmer activists, advocates for systemic change and offers models for revolutionary thrival through love, ancestral wisdom and Earth reverence. Raptivist, spoken word artist, and abolitionist, Amani O+ is driven to uplift love, art & service as necessary expressions of rebellion against a sense of disconnection and hopelessness that threatens our collective peace and wellness.



PASHON MURRAY

**Pashon Murray** is an environmentalist and entrepreneur, known for her work in waste reduction, recycling, and reuse of materials, especially food waste for compost. In 2010 she established Detroit Dirt, a composting company that specializes in providing compost and food waste solutions for the metro Detroit business community. Detroit Dirt's closed-loop model: taking food waste, repurposing it and putting it back into the community, was designed by Murray to help revitalize Detroit and became a part of an urban farming movement and aligned with the automotive industry to help push landfill free, zero waste.

Newsweek Magazine named Murray one of its "13 Women in Business to Bet On." Murray became a Massachusetts Institute of Technology Media Lab Fellow, she received recognition for her environmental work from Modern Farmer Magazine, was recognized by Martha Stewart American Made, and named one of ten women in the world to watch by the United Nations Foundation Global Accelerator's Inaugural Women's Entrepreneurship Day. She was also named Most Innovative Women in Food & Wine, and Forbes magazines.

In 2016 she established the Detroit Dirt Foundation, a 501(c)(3) organization that works on environmental projects through education, research and serving the public with programs, services on sustainable practices and improved waste to resources management practices related to food and corporate responsibility. Murray has received various awards and recognition and continues to dedicate her life to the environment, the low carbon economy and climate resiliency.



## SPEAKERS



### IDA SOBOTIK

**Community GroundWorks  
Kids' Garden Manager**

Ida Sobotik is the manager for Troy Kids' Garden with Community GroundWorks in Madison, WI and is a licensed K-12 visual arts teacher. She has farmed, gardened, and taught in 3 different countries and was a recipient of a Fulbright Award in 2015. Ida is currently working on bringing Precious Plastic Machines into the garden learning center at Troy because it combines our community's need for recycling, educating adults & kids about plastic, and it is a perfect intersection of her interests in environmental and arts education.



### MAERAJ SHEIKH

**Community GroundWorks  
Director of Equity and Community  
Engagement**

Maeraj serves as Director of Equity and Community Engagement at Community GroundWorks and is a councilperson on the Madison Food Policy Council. She directs Gardens Network, a collaboration between the City of Madison, UW-Extension, and Community GroundWorks that has a membership base of 69 community gardens across Dane County. Maeraj has been a National Science Foundation Fellow and is currently on tenure as a Castanea Fellow. Maeraj studied Sustainable Agriculture and Community and Regional Planning at Iowa State University (ISU) and has a lifelong love of learning. She is currently obtaining a Masters Degree in Transformational Leadership and Coaching at Wright Graduate University.



### GEORGE REISTAD

**City of Madison  
Food Policy Director**

In his role at the City of Madison, George focuses on programs and policies that increase access and opportunities within the food system for city residents. This includes staffing the Madison Food Policy Council, which makes food policy and programmatic recommendations to the Mayor and Common Council. He also manages two City programs, the Healthy Retail Access Program and the SEED Grants Program, which have distributed more than \$850,000 in funding to community organizations and businesses since 2014. George's work also involves working collaboratively with community partners on a myriad of other food-based initiatives such as the Double Dollars Program to increase SNAP EBT users' purchasing power, the Madison Public Market, and the Gardens Network Partnership between the City of Madison, Dane County, and non-profit partner Community Groundworks.



## SPEAKERS



**BETH TUTTLE**

**Beth Tuttle**, is President and CEO of the American Horticultural Society. She is a lifetime garden enthusiast and Certified Master Gardener Volunteer in Northern Virginia. Beth has been an organizational leader and strategic consultant in the nonprofit and corporate sectors for more than 25 years. Previously, she served as President and CEO of DataArts, a national nonprofit that unlocks the power of data-informed decision making to strengthen the management and financial sustainability of arts and cultural organizations. She served as Deputy Director and Chief of External Relations and Planning for the Smithsonian's Hirshhorn Museum and Sculpture Garden, and as Senior Vice President for Communications for The Freedom Forum and Newseum. A graduate of Brown University, Beth is co-author of *Magnetic: The Art and Science of Engagement*. She serves on the Board of Advisors for the National Center for Arts Research at Southern Methodist University and is a member of The Museum Group. Beth lives in Alexandria, VA, where she helped establish a thriving school and community garden at George Washington Middle School.



**ERICH VEITENHEIMER**

**Erich Veitenheimer** is Board Chair of the American Horticultural Society. He has a Bachelor of Science in Agronomy, summa cum laude, from Washington State University and a dual Ph.D. in Plant Breeding & Plant Genetics (major) and Statistics (minor) from the University of Wisconsin-Madison. Erich also holds a Juris Doctorate from Georgetown University Law Center, where he earned the Leon Robbin Patent Award. Prior to attending college, Erich grew up working on farms, was a Ranger Trainee with the Maryland Department of Natural Resources, and served as an Ocean Systems Technician in the U.S. Navy. He was a Senior Corn Breeder/Research Station Manager with DeKalb Genetics International and a Primary Patent Examiner in plant genetics and Plant Patents at the U.S. Patent & Trademark Office. Erich is currently a Partner at the law firm of Cooley LLP with an intellectual property law practice focused on the life sciences, particularly as regards plants and plant-related inventions. He has an established record of work and leadership roles in pro bono matters and diversity issues. Erich divides his time between homes in Alexandria, VA and Hollywood, FL, thereby allowing him year-round gardening opportunities.

## HIGHLIGHTS



### GROWING GOOD KIDS BOOK AWARDS

The recipients of the 2019

"Growing Good Kids – Excellence in Children's Literature" awards will be announced Friday morning. 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.

### MADISON LOCAL ENGAGEMENT PANEL & DISCUSSION

In order to share the great work being done in the Madison area to inspire kids to love gardening, care for the planet, and develop healthy habits, this year's symposium schedule will include a one hour forum showcasing the work of local organizations and individuals. The forum will focus specifically on programs and people that are working to inspire kids to lead healthier lifestyles through their work with local food systems and sustainability initiatives. Our presenters will give quick and engaging presentations in the Pecha Kucha ("talk less, show more") format followed by a panel discussion moderated by AHS President & CEO, Beth Tuttle.



### JANE L. TAYLOR AWARD

The American Horticultural Society's Jane

L. Taylor Award recognizes an individual, organization, or program that has inspired and nurtured future horticulturists through efforts in children's and youth gardening. This year, AHS was proud to honor Sally McCabe with the Jane L. Taylor Award. For 34 years, Sally McCabe has been a driving force in the educational and outreach efforts of the Pennsylvania Horticultural Society. She has developed and implemented the core programs that train teachers and children about horticulture, reaching thousands of educators and inspiring tens of thousands of students to pick up a trowel and share her passion for gardening. Much of Sally's success in connecting with young people is the result of her enthusiasm for her work and her ability to make learning a joyful process.



### SEED YOUR FUTURE

You may notice the Seed Your Future (SYF) session designation

throughout the educational session listing. SYF is a national movement to promote horticulture and inspire more people to pursue careers working with plants. It envisions a U.S. where everyone understands and values the importance of plants and the people who work in the art, science, technology and business of horticulture. The American Horticultural Society is proud to partner with SYF in designating those educational sessions that align with SYF's focus on engaging pre-teens and teens in school or community garden experiences during their formative years and potentially inspire them to pursue educational or career paths in the burgeoning "green collar" industry. We are grateful to Ball Horticulture, Diamond Sponsor of NCYGS for making the Seed Your Future track possible.



## SYMPOSIUM EXCURSIONS

### PRE-SYMPOSIUM: UPROOTING RACISM IN THE FOOD SYSTEM: FOOD JUSTICE IN GARDEN- BASED EDUCATION

**Wednesday, July 10**

**9:00 a.m. – 1:00 p.m.**

Racism and injustice are built into the DNA of the American food system. Fortunately, there is a vibrant network of farmers, activists, and community leaders working hard to build a just and sustainable food system. Join facilitator Amani Olugbala, a Community Educator at Soul Fire Farm with over 15 years of experience in youth education and community outreach for this heart-centered and action-oriented workshop. Participants will develop a common understanding of “food justice” and the specific injustices that afford resources and power to certain groups in the food system, while denying others. We will unpack our own privilege and leverage points to take action toward food justice in garden education and our broader lives. We will explore the successful strategies used by frontline communities to dismantle

inequity, and discuss how we can uplift and augment these efforts as educators across the country. Attendees will leave the workshop with clear personal and collective/organizational strategies to advance food justice. This workshop will be hosted in partnership with Community GroundWorks and Whole Kids Foundation. Lunch is included.

### ICE CREAM SOCIAL AT ALLEN CENTENNIAL GARDEN

**Wednesday, July 10**

**4:00 p.m. – 6:00 p.m.**

Who doesn't love dessert before dinner? Meet and network with fellow NCYGS attendees over ice cream and ice breakers at the University of Wisconsin-Madison's Allen Centennial Garden, a short walk from the Pyle Center. Allen Centennial is the artful living laboratory and public botanical garden of the Horticulture Department and serves as an outdoor classroom for UW-Madison students and the surrounding communities, providing meaningful learning opportunities for visitors of all ages.

### SCHOOL GARDEN SUPPORT ORGANIZATION NETWORK DINNER

**Wednesday, July 10**

**5:30 p.m. – 8:30 p.m.**

At no other time in the school garden movement have there been so many support organizations for school garden development. Across the nation, foundations, nonprofit, school district, state, and university programs are working to institutionalize school gardens in their regions. Join school garden support organizations from around the country to discuss strategies for building and maintaining multiple gardens, creating sustainable funding streams, conducting program assessment and evaluation, ensuring school integration, and training school garden educators. This dinner is hosted by the School Garden Support Organization Network, a professional network comprised of organizations and individuals that support multiple school garden programs at a regional, school district, or state level. All are welcome!





## SYMPOSIUM EXCURSIONS



### SCHOOL AND YOUTH GARDEN TOUR

**Thursday, July 11**

**2:00 p.m. – 5:00 p.m.**

Back by popular demand for NCYGS 2019, our school and youth garden tour will include stops at several of Madison's exemplary sites. Numerous gardens and outdoor learning spaces including a student-constructed greenhouse enable Spring Harbor Middle School students to conduct research, monitor the environment and observe the ecological interactions that occur between plants, soil, weather, and animals. Badger Rock Middle is a public charter school with an interdisciplinary, project-based learning program focused on environmental sustainability. It functions as the core of a unique neighborhood collaborative. Throughout its more than 20-year existence, the Lapham Elementary School Garden has been awarded numerous grants and is sustained by strong relationships with committed people in and beyond the school's community. The Goodman Youth Farm actively engages a diverse population of students from schools and community centers throughout the city in hands-on, farm-based education. The Youth Farm is a dynamic outdoor

classroom with vegetable gardens, fruit trees, bee hives, an outdoor kitchen, and more. Nathan Larson of Community GroundWorks and Joe Muellenberg of the Dane County Extension Service will be leading groups on this tour.

### MADISON CHILDREN'S MUSEUM TOUR

**Thursday, July 11**

**2:00 p.m. – 5:00 p.m.**

The award-winning Madison Children's Museum takes play very seriously by engaging, challenging, and inspiring every visitor who comes through its doors! Environmental Education Manager Cheryl DeWalt will lead a tour focused on the museum's green spaces and commitment to sustainability. Visit the spectacular Rooftop Ramble which engages young people with the natural world through urban ecology, weather, food systems, sustainability, the sky, solar energy, and wildlife. The Urb Garden is a three-season wonderland for the museum's youngest visitors. Little ones can learn about sustainability by observing aquaponics in the tilapia tank, watching worms turn food waste into rich compost, and planting in a custom greenhouse-treehouse.



### UW GARDEN AND GREENHOUSE TOUR

**Thursday, July 11**

**2:00 p.m. – 5:00 p.m.**

The Botany Greenhouse has 8,000 square feet of growth space and the Botany Garden has 1.3 acres of land and holds the Department of Botany's extensive collection of more than 1,500 unique species of plants and 210 plant families. Come and visit each of the eight greenhouse rooms that take you through a journey of the tropics, desert, bog, and fern forest. This collection of aquatics, succulents, bryophytes, ferns, orchids, herbs, and woody plants are used for teaching general botany, systematics, taxonomy, plant ecology, and plant anatomy. The award-winning D. C. Smith Greenhouse was designed to combine science and aesthetics. The environment of the greenhouses is controlled by a state-of-the-art computer system that allows users to program the environment to suit the needs of the plants and the class. The conservatory is an example of the relatively new discipline of interiorscaping. Much like an outdoor garden, it emphasizes the ornamental function of plants while demonstrating the science of plant culture.



## SYMPOSIUM EXCURSIONS

### TROY KIDS' GARDEN RECEPTION

Friday, July 12

4:30 p.m. – 6:30 p.m.

The Troy Kids' Gardening Program provides gardening, arts, nutrition, and environmental education to over 1,000 young people from the Madison area annually. Children from area community centers and schools plant and maintain garden beds, participate in cooking and arts activities, and use this natural classroom to expand upon the science, ecology and math lessons learned in school. Community GroundWorks staff will be on hand to give tours and share their experiences in helping youth develop a connection with nature that is often difficult to establish in an urban setting. Wander the full 26-acres of open space that include Madison's first urban farm, 300 community garden plots, and restored natural habitat and demonstration plantings. Reception will include light food and drinks.



### POST-SYMPOSIUM: GARDEN TOUR AND RECEPTION AT FRANK LLOYD WRIGHT'S TALIESIN

Saturday, July 13

1:00 p.m. – 6:00 p.m.

The Garden Tour is dedicated to the gardens and natural landscape across Frank Lloyd Wright's 800-acre Taliesin estate near Spring Green, Wisconsin. These incomparable gardens offer a glimpse into the master architect's

profound connection to nature and provide a spectacular backdrop to Wright's world-class architecture and the stunning Driftless Area in southwestern Wisconsin. A guided, leisurely walk through the gardens that complement the architecture of Frank Lloyd Wright's home estate will focus on inspiration from nature, horticulture practices, and the history of the landscape. We will end with refreshments on Wright's terrace.




# SCHEDULE OF EVENTS

## WEDNESDAY JULY 10, 2019

- 7:00 a.m. – 9:00 a.m.** Check-in and on-site registration in the Pyle Center Room 205 for pre-symposium workshop
- 9:00 a.m. – 1:00 p.m.** Pre-symposium workshop ‘Uprooting Racism in the Food System: Food Justice in Garden-Based Education’ in Pyle Center Room 313 *(additional registration required)*
- 4:00 p.m. – 6:00 p.m.** NCYGS Networking Ice Cream Social at Allen Centennial Garden *(advanced sign-up required)*
- 5:30 p.m. – 8:30 p.m.** School Garden Support Organization Network dinner in Pyle Center’s Alumni Lounge *(additional registration required)*

## THURSDAY JULY 11, 2019

- 7:30 a.m. – 4:00 p.m.** Check-in and on-site registration open in the Pyle Center Room 205
- 7:30 a.m. – 8:15 a.m.** Breakfast in Lowell Center Dining Room (lower level)
- 8:30 a.m. – 9:00 a.m.** Welcome and opening announcements in Lowell Center Dining Room (lower level)
- 9:00 a.m. – 10:00 a.m.** Opening keynote presentation: Pashon Murray, Lowell Center Dining Room (lower level)
- 10:15 a.m. – 11:15 a.m.** Session Block A (lecture) in Pyle Center classrooms

	TITLE	PRESENTER(S)	ROOM
<b>A1</b>	Growing Garden Networks for Teachers	Susan Webb	313
<b>A2</b>	What We Learned from Funding Over 75 Schoolyard Gardens	Galen Erickson	209
<b>A3</b>	The Edible Academy: Designing for a Sustainability-Centered Curriculum and Campus	Annie Novak Toby Adams	226
<b>A4</b>	Growing Healthy Kids in Head Start Gardens	Helen Rortvedt Sarah Pounders Carol Kauffman Nowlin	235
<b>A5</b>	Camp TURF – A Summer Horticulture Career Academy	 Dr. Shelley Mitchell	213
<b>A6</b>	Play, Laugh and Learn: The Making of a Children’s Garden	Cindy Tyler	112
<b>A7</b>	GROW Girl Hike: Family Exploration in an Urban Botanic Garden	Cameron Barlow	220



# SCHEDULE OF EVENTS

## THURSDAY JULY 11, 2019 *(cont.)*

**11:30 a.m. – 1:00 p.m.**

Session Block B (workshop) in Pyle Center classrooms

	TITLE	PRESENTER(S)	ROOM
<b>B1</b>	Curriculum Resources and Engaging Partners to Support School Gardens	Jessica Pollitt Hudson	112
<b>B2</b>	Beekeeping with Youth	Jennica Skoug Penny Rossetto	226
<b>B3</b>	Student-Run Farmers Market: Opportunities for STEAM & 21st Century Learning	Marney Coleman	213
<b>B4</b>	Classroom Hydroponics—Bringing the Garden Indoors	Sue Cormier	209
<b>B5</b>	Cool Tools: An Essential Toolkit for Plant Educators	Lee Coykendall Helen Rortvedt Tracey Friday Brian Emerson	313
<b>B6</b>	Identifying Gaps in Accessibility: Strategies to Cultivate Equity in Programming	Kim North Sarah Ellis	225
<b>B7</b>	The Schoolyard as Living Laboratory – Measuring and Monitoring Biodiversity	David Ropa Jen Vena Katie Sinkewicz	220

**1:00 p.m. – 1:45 p.m.**

Lunch in Lowell Dining Room (lower level)

**1:45 p.m. – 5:00 p.m.**

Concurrent tours to school and youth gardens, Madison Children’s Museum, and UW garden facilities

**2:00 p.m.**

Bus departs for School and Youth Garden tour *(advanced sign-up required)*  
 Depart for Madison Children’s Museum tour *(advanced sign-up required)*  
 Depart for UW Gardens and Greenhouse tour *(advanced sign-up required)*

**6:00 p.m.**

Dinner on your own or take part in a dinner roundtable with other attendees  
*(sign up at registration table)*

# SCHEDULE OF EVENTS

## FRIDAY JULY 12, 2019

- 7:30 a.m. – 4:00 p.m.** Check-in and on-site registration open in the Pyle Center Room 205
- 7:30 a.m. – 8:15 a.m.** Breakfast in Lowell Center Dining Room (lower level)
- 8:30 a.m. – 9:15 a.m.** Morning announcements and presentation of the 2019 “Growing Good Kids – Excellence in Children’s Literature Awards” in Lowell Center Dining Room
- 9:15 a.m. – 10:30 a.m.** Madison Local Engagement Panel & Discussion in Lowell Center Dining Room
- 10:45 a.m. – 11:45 p.m.** Session Block C (lecture) in Pyle Center classrooms

	TITLE	PRESENTER(S)	ROOM
<b>C1</b>	Proven Tips, Tricks & Hacks for Growing Sustainable Garden Programs	Randy Seagraves	313
<b>C2</b>	Farm to Toast: Growing, Milling, and Baking Wheat at Local Schools	Bennett Rock	112
<b>C3</b>	Badger Rock Middle School and Urban Farming	Sarah Karlson	220
<b>C4</b>	Curing Plant-Blindness in Kids – Expanded Tools and Resources	 Susan E. Yoder	213
<b>C5</b>	Lettuce Laugh in the Garden: How Humor Cultivates Success	Helen Rortvedt Melinda Myers Emma Biggs Steven Biggs	209
<b>C6</b>	Horticultural Therapy for Inclusive Nature Education	Kay Knight	225
<b>C7</b>	Developing a Design and Fundraising Tool for a Children’s Garden	Dr. Lolly Tai	226



- 12:00 p.m. – 12:45 p.m.** Lunch in Lowell Center Dining Room (lower level)

# SCHEDULE OF EVENTS

## FRIDAY JULY 12, 2019 *(cont.)*

**1:00 p.m. – 2:00 p.m.**

Session Block D (lecture) in Pyle Center classrooms

	TITLE		PRESENTER(S)	ROOM
<b>D1</b>	Exploring Phenomena in the Garden: Connecting to Next Generation Science Standards		Dr. Norm Lownds	225
<b>D2</b>	Dirt Girls to the Rescue! Gender Equity and Empowerment		Dr. Carrie Strohl	112
<b>D3</b>	Fairchild Tropical Botanic Garden: Leading the Next Generation of Scientists		Sara Zajic Jamie Anderson	213
<b>D4</b>	Keyhole Gardening – A Building Block to Sustainability		Joan Calder	226
<b>D5</b>	Funding, Grants, and Effective Partnerships		Tristana Pirkil	313
<b>D6</b>	Beyond the Field Trip: School-Farm Partnerships Reimagined		Amy Jester	220
<b>D7</b>	Growing Collaboration to Support Your School or Community Garden		Briana Villarrubia Danielle Russell	209

**2:15 p.m. – 3:45 p.m.**

Session Block E (workshop) in Pyle Center classrooms

	TITLE		PRESENTER(S)	ROOM
<b>E1</b>	Using Games and Activities to Teach About Plants and Ecology		Greg Bisbee	225
<b>E2</b>	Seed Saving and Youth Garden Programs		Cheryl DeWelt	209
<b>E3</b>	The Monarch Mission: Empowering Students to Improve Habitat for Monarchs		Elizabeth Soper	112
<b>E4</b>	Supporting English Language Learners in Garden Education		Whitney Cohen Maria Moreno	313
<b>E5</b>	Here We Grow! Curriculum Resources for Successful School Garden Experiences		Denise Stewardson	226
<b>E6</b>	Regional School Garden Support Systems		John Fisher Renata Solan	213
<b>E7</b>	Undergraduate Engagement in a Public School Garden Program		Dr. Amy Goodall Paul Goodall	220



## SCHEDULE OF EVENTS

<b>4:00 p.m. – 4:15 p.m.</b>	Board buses and depart for Troy Kids' Garden
<b>4:30 p.m. – 6:30 p.m.</b>	Tours and reception at Troy Kids' Garden
<b>6:45 p.m.</b>	Bus returns from Troy Kids' Garden

### SATURDAY JULY 13, 2019

<b>7:30 a.m. – 12:00 p.m.</b>	Check-in and on-site registration open in the Pyle Center Room 205
<b>7:30 a.m. – 8:15 a.m.</b>	Breakfast in Lowell Center Dining Room (lower level)
<b>8:20 a.m.</b>	Morning announcements and Closing Remarks in Lowell Center Dining Room
<b>8:45 a.m. – 9:45 a.m.</b>	Session Block F (lecture) in Pyle Center classrooms

	TITLE	PRESENTER(S)	ROOM
<b>F1</b>	Food Forests for Schools	Eddie Recinos Debi LaBelle Jamie O'Neill	225
<b>F2</b>	Build Small-Space Gardens while Teaching Life Skills	Emma Biggs Steven Biggs	313
<b>F3</b>	Low Cost, Low Tech, Big Impact!	Doug Stevenson	213
<b>F4</b>	Beyond Binaries: Gender Diversity and Garden Education	Kavanah Anderson	226
<b>F5</b>	Growing Strong School Gardens: A Citywide Garden Landscape Sustainability Evaluation	Amy Hoover	209
<b>F6</b>	Growing Future Leaders: East Orange Library Community Garden	Lisa O'Shaughnessy	112
<b>F7</b>	Once Upon a Time...Growing Sustainable Bookworms & Heirloom Traditions	Patti DeLotell	220

# SCHEDULE OF EVENTS

## SATURDAY JULY 13, 2019 *(cont.)*

**10:00 a.m. – 11:30 a.m.** Session Block G (workshop) in Pyle Center classrooms

	TITLE	PRESENTER(S)	ROOM
<b>G1</b>	Websites to Build Sustainable Garden Programs for All Ages	Pam Hosimer	225
<b>G2</b>	Collaborating with Youth Agencies to Provide Outreach Horticulture Programs	Kelle Hartman Linda Gustke	213
<b>G3</b>	School Gardens are For the Birds: Bonding with Youth Birders	Dr. Carrie Strohl	226
<b>G4</b>	But They're Teenagers!: Successfully Teaching a High-School Horticulture Class 	Kristina Runde	112
<b>G5</b>	Soil: A Recycling Center Below Our Feet	Dr. Veronica Juston	209
<b>G6</b>	Using Literature and Garden Education Across the Curriculum	Sonya Harris	313
<b>G7</b>	Connecting Pollination to Food through Hands-on Exploration and Service Learning	Kassia Rudd	220

**11:45 a.m. – 12:45 p.m.** Lunch in Lowell Center Dining Room

**1:00 p.m.** Bus for post-symposium excursion from Pyle Center *(additional registration required)*

**1:00 p.m. – 6:00 p.m.** Post-symposium excursion

# MANY THANKS TO OUR SPONSORS

## DIAMOND



## GOLD



LONGWOOD  
GARDENS



## SILVER

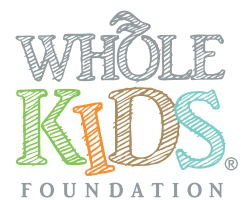
## BENEFACTOR



## LOCAL HOSTS



## PRE-SYMPOSIUM CO-HOST





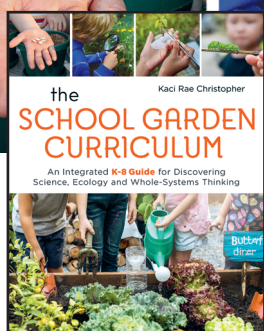


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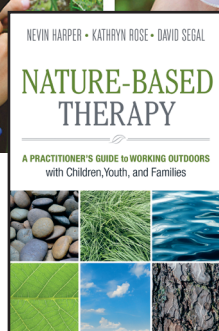


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