



AMERICAN  
HORTICULTURAL  
SOCIETY



National  
Children &  
Youth Garden  
Symposium



Cultivating a Sense of Place:  
A Youth Gardening Adventure



*Hosted by the Missouri  
Botanical Garden*



St. Louis, Missouri  
July 27-29, 2006



For more information, visit [www.ahs.org](http://www.ahs.org) or call the AHS at 703.768.5700 x 132.

# Meet me in St. Louis!

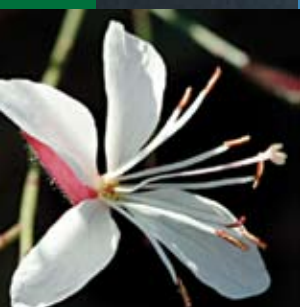
Make St. Louis, Missouri your destination this summer for the 14th annual AHS National Children & Youth Garden Symposium – “Cultivating a Sense of Place: A Youth Gardening Adventure”

Our host for the 2006 symposium, the Missouri Botanical Garden, offers a wealth of horticultural and educational resources that will inspire one and all. Symposium attendees will have the opportunity to explore the Missouri Botanical Garden along with the Shaw Nature Reserve, one of the Garden’s satellite locations, and the new Doris I. Schnuck Children’s Garden: A Missouri Adventure. A pre-symposium workshop on Wednesday, July 26 will explore the hot topic of “Connecting Kids with Food,” investigating entrepreneurial ventures, along with nutrition and activities to engage children and youth with growing food. An optional post-symposium excursion on Saturday afternoon will take you to the top of the St. Louis Arch to catch a stunning view of the landscape, followed by a wonderful dinner.

From team teaching, cooperative learning, and interdisciplinary studies to environmental education, mentoring, and partnering, you will hear about cultivating a sense of place first-hand from the people who are making it happen. You will find new perspectives on how to engage youth in a gardening adventure.

This year’s symposium will be headquartered on the campus of Washington University. Founded in 1853, the 169-acre hilltop campus borders St. Louis’s Forest Park, home to the 1904 World’s Fair. Located a short drive from the Missouri Botanical Garden, Washington University is an independent university recognized internationally for excellence in teaching and research with more than 90 programs and nearly 1,500 courses.

We invite you to join us for three days of inspirational keynote presentations, educational sessions, garden explorations, friendships, and networking. If you want to learn more about creating or enhancing educational programs for children and youth in schools, community programs, or at home, the AHS National Children & Youth Garden Symposium is for you!



# Keynotes



## A Sense of Place: Personal Reflections

### Peter H. Raven

Peter Raven, one of the world's leading botanists and advocates of conservation and biodiversity, is the president of the Missouri Botanical Garden, and professor of botany at Washington University in St. Louis. For nearly 35 years, Dr. Raven has headed the Missouri Botanical Garden, an institution he has nurtured to

become a world-class center for botanical research, education, and horticulture display.

Described by *TIME* magazine as a "Hero for the Planet," Dr. Raven champions research around the world to preserve endangered plants and animals and is a leading advocate for building a sustainable environment. In recognition of his work in science and conservation, Dr. Raven has been the recipient of numerous prizes and awards, including: the AHS's prestigious Liberty Hyde Bailey Award, the Volvo Environment Prize, the Tyler Prize for Environmental Achievement, the Sasakawa Environment Prize, and the International Cosmos Prize. In 2001, Dr. Raven received the National Medal of Science, the highest award for scientific accomplishment in the United States.

## Saving Our Children From Nature-Deficit Disorder

### Richard Louv

Richard Louv is a journalist focused on family, nature, and community. The author of seven books, his most recent title, *Last Child in the Woods: Saving Our Children From Nature-Deficit Disorder* (Algonquin) has received unanimous praise from nature organizations and the media.



He is a columnist for *The San Diego Union-Tribune* and has written for *The New York Times*, *The Washington Post*, *The Christian Science Monitor*, and other newspapers and magazines. Louv also served as a columnist and editorial advisory board member for *Parents* magazine. He is an advisor to the Ford Foundation's "Leadership for a Changing World" award program and the Scientific Council on the Developing Child. Louv is also a visiting scholar at the Heller School for Social Policy and Management at Brandeis University. A partner in The Frameworks Institute and a member of the Citistates Group, an association of urban observers, Louv also helped found "Connect for Kids," a child advocacy site on the World Wide Web.

## Celebrating and Empowering Today's Youth as Gateways to Communities

### Caroline Lewis

Caroline Lewis is the director of education at Fairchild Tropical Botanic Garden in Coral Gables, Florida, leading programs that engage over 25,000 students and thousands of adults annually. Her career spans 22 years as a science teacher and high school principal, empowering the next generation to new heights. While at Fairchild, Lewis has designed and initiated the creative, competitive, multi-disciplinary Fairchild Challenge program to promote teenagers' botanical and environmental awareness, scholarship, and stewardship. The Fairchild Challenge is now being emulated in several cities.

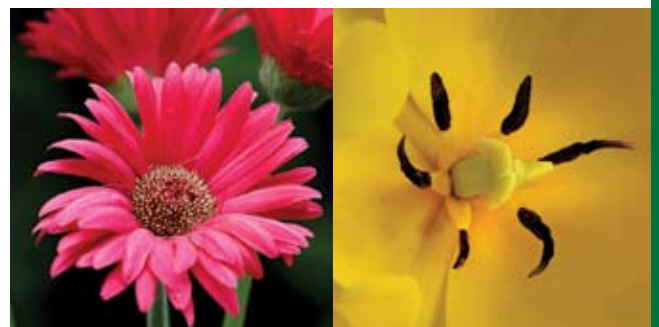


## PANEL DISCUSSION

### Youth Gardening: A Powerful Prescription for Nature-Deficit Disorder

Moderated by **Norm Lownds**

Norm Lownds is associate professor and curator of the 4-H Children's Garden at Michigan State University. With a great interest in science education and how hands-on, experiential learning can be enhanced and expanded through technology, Norm leads multiple projects at Michigan State University to further enhance and expand learning opportunities. As current chair of the National Children & Youth Garden Symposium Advisory Panel, Lownds will lead symposium attendees in a discussion and activities around our roles in saving children from nature-deficit disorder.



# Garden Explorations

## Missouri Botanical Garden

The Missouri Botanical Garden (MBG) is an international center for research, education, and horticultural display. Founded in 1859, the MBG is one of the oldest botanic gardens in the nation and widely considered one of the top three botanical gardens in the world. In the midst of St. Louis, the MBG is a green oasis, featuring over 4,000 trees, including some rare and unusual varieties. The garden's 79 acres feature the Climatron®, the world's first geodesic dome greenhouse, a 14-acre Japanese Garden, and the William T. Kemper Center for Home Gardening.



The Doris I. Schnuck Children's Garden: A Missouri Adventure at the Missouri Botanical Garden opened

in April 2006. The nearly two-acre garden combines themes of exploration, discovery, and frontier settlement to bring 19th-century history and botany to life. Children can learn about life among the Osage Indians, pilot a steamboat down the Mississippi River, climb high on a canopy among the treetops, venture deep inside a dark cave, or visit a typical Midwestern prairie village. The garden will introduce youngsters at their most impressionable age to the significance of plants and nature in fun and innovative ways. Symposium attendees will have the opportunity to explore the Children's Garden and participate in a Q&A session on the creation of the garden.



While visiting Missouri Botanical Garden, symposium attendees will have the added thrill of seeing "Glass in the Garden," a custom-designed exhibition by renowned artist Dale Chihuly, dramatically installed within the natural landscapes of the Missouri Botanical Garden. Walk through the lush, warm Climatron con-

servatory rain forest and discover breathtaking views of colorful sculptures at every turn amid the tropical cycads, orchids, banyan, and palms.

## Shaw Nature Reserve

Shaw Nature Reserve, an extension of the Missouri Botanical Garden, is located 35 miles southwest of St. Louis in Gray Summit, Missouri. Featuring 2,500 acres of natural Ozark landscape and managed plant collections, the reserve provides environmental education, ecological research, and public enjoyment of the natural world. The diversity and size of the Shaw Nature Reserve, combined with the considerable scientific and educational resources of the MBG, offers a unique opportunity for outdoor education. The reserve serves as an outdoor laboratory for the development and testing of a variety of innovative outdoor programs. On Friday afternoon, symposium attendees will travel to Shaw Nature Reserve to explore the landscape and experience first hand the innovative outdoor programs the reserve offers.

## Awards

### *Growing Good Kids — Excellence in Children's Literature Awards*

Presented by the National Junior Master Gardener Program and the American Horticultural Society, the "Growing Good Kids — Excellence in Children's Literature Awards" program honors engaging and inspiring works of plant-, garden-, and ecology-themed children's literature. This new and unique book awards program debuted in 2005 with the compilation of the one-time designation of Growing Good Kids Book Award "Classics" establishing the best 40 children's gardening fiction books of the last 100 years. These distinguished titles were recognized at the 2005 Youth Garden Symposium in Atlanta, Georgia. "The Growing Good Kids — Excellence in Children's Literature Awards" will annually recognize selected, qualifying titles published in the previous year. Symposium attendees will have the unique opportunity to be on hand for the unveiling of the 2006 award-winning books on Saturday afternoon.



### **The AHS Recognizes Outstanding Achievement in Children & Youth Gardening**

In 1999, the Board of Directors of the American Horticultural Society established the Jane L. Taylor Award to recognize a person, community, or organization committed to the advancement of youth gardens and gardening. The 2006 winner of the Jane L. Taylor Award is **Sheldon Fleming**. Founder and executive director of Wonderland Gardens, a 20-acre public garden near Atlanta, Fleming has inspired children and youth with horticulture. Serving as a national model for environmental education, Wonderland Gardens was one of the hosts for the 2005 National Children & Youth Garden Symposium in Atlanta.

# Schedule

## WEDNESDAY, JULY 26

- 1:00 pm – 4:30 pm **Pre-Symposium Workshop** —  
Connecting Kids With Food  
at Washington University
- 4:00 pm – 8:00 pm **Symposium Registration and  
On-Campus Lodging Check-in**  
at Washington University
- 7:30 pm – 10:00 pm **Whitaker Music Festival at  
Missouri Botanical Garden:**  
Rogers, Neinhaus and Crawford,  
in the folk-rock tradition  
(free concert on your own)

## THURSDAY, JULY 27

- 7:30 am -11:00 am **Symposium Registration**  
at Washington University
- 8:00 am – 9:00 am **Continental Breakfast**  
at Missouri Botanical Garden
- 9:00 am – 9:30 am **Welcome and Symposium  
Opening** at Missouri  
Botanical Garden
- 9:30 am – 10:15 am **General Session**  
**Opening Address: Peter Raven**  
A Sense of Place:  
Personal Reflections
- 10:15 am – 11:15 am **Exploring the Doris I. Schnuck  
Children's Garden**
- 11:30 am – 12:15 pm **Panel Discussion on Doris I.  
Schnuck Children's Garden**



12:15 pm – 1:15 pm **Lunch**

1:15 pm – 2:45 pm **Educational  
Sessions**

- Mud Pies and Dirty Knees:  
Drawing Young Children Into  
the Garden *Amanda Segura*
- Putting the Outdoor Classroom  
to Work *Sharon Gabel Buchanan*
- The BIG GARDEN — How a Children's Garden  
Puts Children in Touch with Nature *Carol Mundy*
- The George Washington Carver Garden:  
A New Educational Dimension *Amy Haake*
- Young People as Partners: Three Projects that Engage  
Children and Youth in Garden-Based Learning  
*Marcia Eames-Sheavly / Leigh MacDonald / Jake Sheavly*

1:15 pm – 4:30 pm **Educational Sessions**

- Creating the Inquiry Journal  
*Laura Schaefer / Jessica Brown*
- Gardening Above the Tree-Tops *Gary Wangler*

3:00 pm – 4:30 pm **Educational Sessions**

- Designing Field Trips Teachers Can't Resist:  
Use the Standards! *Audrey Ann Wilson / Vasha Rosenblum*
- The Power of Objects in a Children's Garden *Amy Haake*
- The Youth Horticulture Apprentice Program:  
Work Hard, Learn a Lot, and Have Fun!  
*Leigh MacDonald and Jake Sheavly*
- Vegetable Gardening with Children *Douglas Wolter*
- What Do Kids Really Gain from Gardening? *Mark Miller*

4:30 pm – 5:30 pm **Glass in the Garden**  
Dale Chihuly exhibition  
at Missouri Botanical Garden

5:30 pm – 7:00 pm **Cocktail Reception and Buffet**

7:15 pm – 8:15 pm **General Session**  
**Keynote Speaker: Richard Louv**  
Saving Our Children From  
Nature-Deficit Disorder

8:15 pm – 9:15 pm **Book Signing with Richard Louv  
and Dessert Buffet**

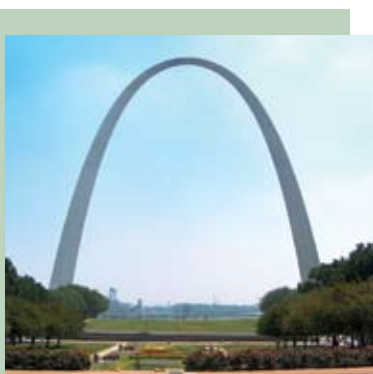
# Schedule

## FRIDAY, JULY 28

- 7:30 am – 9:30 am **Symposium Registration**  
at Washington University
- 7:30 am – 8:30 am **Continental Breakfast**  
at Washington University
- 8:30 am – 9:30 am **Panel Discussion**  
**Moderator: Norm Lownds**  
Youth Gardening: A Powerful  
Prescription for Nature-Deficit  
Disorder
- 9:30 am – 9:45 am **Break and Walk to Sessions**
- 9:45 am – 11:15 am **Educational Sessions**
- Best Plants for Connecting Children with Their Environment *David Bruns / Barbara Fairchild*
  - From Animals to Zinnias: Essential Elements of a Children's Garden *Mark Miller*
  - Growing a Green Generation *Beth Hogan / Dorothy Perkins*
  - Growing Young Citizen Scientists in the Vegetable Garden *Lori Bushway*
  - Hear it From the Horse's Mouth! A Tour of School Gardens in St. Louis City *Molly Dupre*
  - Hudson Youth Garden Project: A Year-Round Outdoor Classroom *Lucy Gish / Tom Havrilka / Tim Ranek / Nita Weiskopf*
- 12:00 pm – 5:00 pm **Garden Explorations**  
**at Shaw Nature Reserve**
- Evening on your own

### To the Top of the St. Louis Arch

Following the conclusion of the program on Saturday afternoon, symposium attendees are invited to take advantage of an optional trip to the top of the St. Louis Arch to catch a stunning view of the landscape, followed by a wonderful dinner. The St. Louis Arch, built between 1963 and 1965, is a national monument commemorating the westward expansion of the United States during the 19th century. Towering 63 stories above the Mississippi River, the arch offers views of the great landscape that includes the Mississippi and Missouri River basins. Following the trip to the top of the arch, attendees will have the chance to enjoy one another's company as they dine on local cuisine. Returning to Washington University late Saturday evening, this trip will include dinner and offers attendees the opportunity to experience what St. Louis has to offer. After all, no visit to St. Louis would be complete without a trip to the top of this great icon.



## SATURDAY, JULY 29

- 7:30 am – 11:00 am **Symposium Registration**  
at Washington University
- 7:30 am – 8:30 am **Continental Breakfast**  
at Washington University
- 8:30 am – 11:45 am **Educational Sessions**
- Community Gardens: A Garden Can Grow Anywhere *Jano Nightingale*
  - Discovering Our Roots for Shoots *Jane Taylor*
  - First Steps in Creating a Class Herbarium: Going Beyond Leaf Collections *David Hedgepeth*
  - Mats, Rope, Paper, and Dye: Plants and Textiles *Marcia Eames-Sheavly / Leigh MacDonald*
  - Metamorphosis, Changing Children's Lives with Butterflies *Joyce Mendenhall / Gail Pianalto*
  - Sifting Through the Piles *Felder Rushing*
- 10:15 am – 11:45 am **Educational Sessions**
- Connecting Children to Nature: Ecological Design that Promotes Play *Nancy Striniste / Sandra Redmore*
  - Cultivating Carnivores: Catching Kids' Interest with Carnivorous Plants *Paul Maschka*
  - Designing Outdoor Environments for Children: Landscaping School Yards, Gardens, and Playgrounds *Mary Taylor Haque / Lolly Tai / Erin Knight*
  - Growing Up with a Children's Garden — From Conception through the Terrible Twos *Ian Warnock*
  - Take it Outside: Connecting Curriculum to School Gardens in Exciting and Meaningful Ways *Molly Dupre*
  - The Growing Connection *Jessica Rozmus*
- 11:45 am – 12:45 pm **Lunch**
- 12:45 pm – 1:00 pm **Growing Good Kids – Excellence in Children's Literature Awards Ceremony**
- 1:00 pm – 2:00 pm **General Session**  
**Keynote Speaker: Caroline Lewis**  
Celebrating and Empowering Today's Youth as Gateways to Communities
- 2:00 pm – 2:30 pm **Symposium Closing**
- 3:30 pm – 9:00 pm **Optional Trip to St. Louis Arch**

# Educational Sessions

**KEY:** On Thursday you have the choice of selecting one 3-hour session, or two 1½-hour sessions. 1½-hour sessions are coded as “A” or “B”, 3-hour sessions are coded as “C.” Please select an “A” and a “B” session or a “C” session on Thursday. On Friday, you have the option to select one 1½-hour session. Please select one “A” session on Friday. On Saturday you have the option to select two 1½-hour sessions. Please select both an “A” and a “B” session on Saturday.

## WEDNESDAY, JULY 26

### Pre-Symposium Workshop (Registration required) Connecting Kids with Food

Wednesday, July 26 • 1:00 pm – 4:30 pm

Come explore the importance of connecting kids with food in this unique pre-symposium workshop. Learn about successful entrepreneurial activities centered around youth growing nutritious food. And discover the farm to school initiative, aimed at getting locally grown food into school cafeterias. This workshop will provide you with an array of activities and lessons to reinforce positive attitudes towards nutrition while helping to cultivate a sense of place for today's youth.

## THURSDAY, JULY 27

Pick one A and one B Session, or one C Session.

1:15 pm – 2:45 pm

### A1 Mud Pies and Dirty Knees:

#### Drawing Young Children Into the Garden

*Amanda Segura, Riverbanks Zoo and Garden, Columbia, SC*

Imaginative gardening activities for ages 3 to 8 in public garden settings, geared toward the one-time program without a specific garden space for kids.

### A2 Putting the Outdoor Classroom to Work

*Sharon Gabel Buchanan, Spoede Elementary Outdoor Learning Center, Spoede Elementary School, St. Louis, MO*

Creating an outdoor classroom area is only the first step — find out how parents and staff worked together to foster interest in outdoor learning, integrate garden programs into the curriculum and cultivate partnerships with community organizations.

### A3 The BIG GARDEN — How a Children's Garden Puts Children in Touch with Nature

*Carol Mundy, Glenwood Gardens, Hamilton County Park District, Cincinnati, OH*

When children can learn and play in a children's garden, they gain awareness and respect for living things. They also gain the confidence to go explore nature on a grand scale in the “big garden!”

### A4 The George Washington Carver Garden: A New Educational Dimension

*Amy Haake, Missouri Botanical Garden, St. Louis, MO*

The George Washington Carver Garden has far greater potential than to merely honor Carver: it promises to educate minds, influence attitudes, and inspire action.



### A5 Young People as Partners: Three Projects that Engage Children and Youth in Garden-Based Learning

*Marcia Eames-Sheavly, Cornell University, Garden-Based Learning Team, Ithaca, NY*

*Leigh MacDonald, Ithaca Children's Garden, Ithaca, NY*  
*Jake Sheavly, Trumansburg Central School and Ithaca Children's Garden, Trumansburg and Ithaca, NY*

Children and youth take a front seat in partnering with adults in the decision-making process and/or guiding a garden-based learning effort. Learn about three different projects embracing this approach: children's garden teen consultants, greener voices, and a new living sculpture project.



3:00 pm – 4:30 pm

### B6 Designing Field Trips Teachers Can't Resist: Use the Standards!

*Audrey Ann Wilson, Friends of Birmingham Botanical Gardens, Birmingham, AL*

*Vasha Rosenblum, Aldridge Botanical Gardens, Hoover, AL*

Learn how to use national and state education standards to design student field trips that are appealing to educators and defensible to administrators. Teachers prefer programs with clear objectives!

### B7 The Power of Objects in a Children's Garden

*Amy Haake, Missouri Botanical Garden, St. Louis, MO*

Freeman Tilden speaks of “original objects” and their ability to “reveal meaning and relationships” in his classic definition of interpretation. Can children's garden artifacts do the same?

### B8 The Youth Horticulture Apprentice Program: Work Hard, Learn a Lot, and Have Fun!

*Leigh MacDonald and Jake Sheavly, Ithaca Children's Garden, Ithaca, NY*

Work hard, learn a lot, and have fun is the motto of this apprenticeship program for teens. Hear from a teen apprentice and a program coordinator about how this program teaches horticultural, work, and life skills while providing teens with a meaningful summer job experience.

# Educational Sessions

**THURSDAY, JULY 27** *continued*

**3:00 pm – 4:30 pm**

**B9 Vegetable Gardening with Children**

*Douglas Wolter, St. Louis County Parks-Horticulture and Children's Garden Club, St. Louis, MO*

Learn fun things to do with children of all ages and good plants to get started with. Hear how we have used these projects at our monthly Children's Garden Club including "Plant a Row for the Hungry."

**B10 What Do Kids Really Gain from Gardening?**

*Mark Miller, Ohio State University, Columbus, OH*

Discover the benefits children and youth gain from experience in gardens and natural settings with this information packed session.

**1:15 pm – 4:30 pm**

**C11 Creating the Inquiry Journal**

*Laura Schaefer, Missouri Botanical Garden, St. Louis, MO*

*Jessica Brown, Missouri Botanical Garden –*

*Shaw Nature Reserve, Gray Summit, MO*

In this cross-curricular approach to investigating the natural world, participants will learn observation skills to enhance outdoor journals and schoolyard investigations. We will also work on demystifying the inquiry method.

**C12 Gardening Above the Tree-Tops**

*Gary Wangler, St. Louis Children's Hospital, St. Louis, MO*

Join the Children's Hospital horticulturist for a visit to the "Olson Family Garden," a rooftop oasis located on the 8th floor of the hospital. Learn about the healing garden, the plants used, the purpose, and objectives of the garden and the activities offered to patients and families. (Space is limited)

**FRIDAY, JULY 28**

Pick one A Session.

**9:45 am – 11:15 am**

**A13 Best Plants for Connecting Children with Their Environment**

*David Bruns, Missouri Department of Conservation, Wildwood, MO*

*Barbara Fairchild, Missouri Department of Conservation, Jefferson City, MO*

Examine the qualities of selected plant species that have particular value in educational settings. Information about Missouri's Grow Native! program will also be presented.

**A14 From Animals to Zinnias:**

**Essential Elements of a Children's Garden**

*Mark Miller, Ohio State University, Columbus, OH*

The inventory of elements and features deemed essential by numerous authors will initiate this discussion about what we value in a children's garden. The importance assigned to children's garden elements by stakeholders (like yourself) will be investigated. Further discussion will include the relative importance assigned to specific elements based upon the stakeholder's role (children's garden visitor, educator, administrator, director, horticulturist, or designer) and/or the age of respondents.

**A15 Growing a Green Generation**

*Beth Hogan, University of New Hampshire Child Study*

*& Development Center, Durham, NH*

*Dorothy Perkins, University of New Hampshire-Cooperative Extension, Boscawen, NH*

This is a horticulture curriculum for pre-school to kindergarten children. A unique feature of our curriculum is input from experts in both early childhood education and the plant sciences.

**A16 Growing Young Citizen Scientists in the Vegetable Garden**

*Lori Bushway, Cornell University Garden-Based*

*Learning Team, Ithaca, NY*

With this session you will dig into Vegetable Varieties activities. We'll explore the Vegetable Varieties for Gardeners website, including the new "Can you grow?" corner and get your thoughts on what could be next.

**A17 Hear it From the Horse's Mouth!**

**A Tour of School Gardens in St. Louis City**

*Molly Dupre, Gateway Greening, St. Louis, MO*

Take a virtual tour of successful school gardens throughout St. Louis, and hear about triumphs and struggles from people working within one of the most challenging school districts in the country.

**A18 Hudson Youth Garden Project:**

**A Year-Round Outdoor Classroom**

*Lucy Gish, Tom Havrilka, Tim Ranek and Nita Weiskop, Hudson Youth Garden Project, St. Louis, MO*

This team of garden educators and parents will give an overview of how the Hudson Youth Garden Project was initiated and how it operates today.





## SATURDAY, JULY 29

Pick one A and one B Session.

8:30 am – 10:00 am

### A19 Community Gardens: A Garden Can Grow Anywhere

*Jano Nightingale, Cornell Cooperative Extension of Schoharie County, West Burlington, NY*

Learn about a children's garden that has been developed over the past 10 years, as well as garden-based curriculum material in science, math, nutrition, and the arts. Participants will work on a group project combining garden design and educational materials.

### A20 Discovering Our Roots for Shoots

*Jane Taylor, Michigan 4-H Children's Garden, Michigan State University, East Lansing, MI*

Hear from the founding curator of the Michigan 4-H Children's Garden about the tercentenary of Carl Linnaeus to be celebrated in 2007. Take a journey on a 'corps of discovery' of the plant sciences from 1707 to the present and for the future.

### A21 First Steps in Creating a Class Herbarium: Going Beyond Leaf Collections

*David Hedgepeth, Department of Early Childhood Education, Valdosta State University, Valdosta, GA*

Focus on using herbarium techniques to preserve and study plant material in/for the school classroom. This includes the educational value of the process and product.

### A22 Mats, Rope, Paper, and Dye: Plants and Textiles

*Marcia Eames-Sheavly, Cornell University-Garden-Based Learning Team, Ithaca, NY*

*Leigh MacDonald, Ithaca Children's Garden, Ithaca, NY*  
What do mats, rope, indigo, and paper have in common? All are related to textiles and all are made from plants! We will introduce a new hands-on, on-line plants/textiles curriculum with activities that appeal to teenaged youth, although they can easily be adapted for other ages.

### A23 Metamorphosis, Changing Children's Lives with Butterflies

*Joyce Mendenhall and Gail Pianalto, Botanical Garden Society of the Ozarks, Fayetteville, AR*  
Children have an innate curiosity about the natural world. Presenters will tell how they have successfully tapped into that interest through "Adopt a Caterpillar," "Monarch Waystations," and "Butterfly Gardening" programs.

### A24 Sifting Through the Piles

*Felder Rushing, Jackson, MS*  
Hear from teacher and author Felder Rushing on ways to sift through the piles of information, experiences, ideas, and observations — moving towards the future and achieving success.

10:15 am – 11:45 am

### B25 Connecting Children to Nature: Ecological Design that Promotes Play

*Sandra Redmore, Clarendon Child Care Center, Arlington, VA*  
*Nancy Striniste, EarlySpace, Arlington, VA*  
This session will describe the design, construction, and uses of a child-friendly, earth-friendly natural play space at a Virginia preschool. Presented by the designer and center director.



### B26 Cultivating Carnivores: Catching Kids' Interest with Carnivorous Plants

*Paul Maschka, Horticulture Department, Zoological Society of San Diego, San Diego, CA*

Learn how easy it can be to grow and show these fascinating plants. Walk through the simple steps needed to create a portable mini-bog to use in the classroom or at events. Hear in gory detail the ruthless strategies these green predators use to attract and capture their prey.



### B27 Designing Outdoor Environments for Children: Landscaping School Yards, Gardens, and Playgrounds

*Mary Taylor Haque, Department of Horticulture, Clemson University, Clemson, SC*  
*Lolly Tai, Department of Landscape Architecture and Horticulture Temple University, Ambler, PA*  
*Erin Knight, Upstate Forever, Greenville, SC*

This presentation will unite three major subjects including landscape design, educational and sustainable landscapes for children, and service learning. Case studies will be used to illustrate the process.

### B28 Growing Up with a Children's Garden — From Conception through the Terrible Twos

*Ian Warnock, Frederik Meijer Gardens & Sculpture Park, Grand Rapids, MI*

From a panel discussion, learn about the various stages in the life of a children's garden — from planning through opening day to daily maintenance.

### B29 Take it Outside: Connecting Curriculum to School Gardens in Exciting and Meaningful Ways

*Molly Dupre, Gateway Greening, St. Louis, MO*  
Discover how a school garden program in St. Louis creates curriculum and correlates to grade level expectations, then participate in a brainstorming session on how to connect your curriculum to a school grade.

### B30 The Growing Connection

*Jessica Rozmus, American Horticultural Society, Alexandria, VA*  
Unearth the world of possibilities that emerge when middle school students from around the world share their experiences of growing nutritious food. Hear about The Growing Connection, a partnership of the American Horticultural Society and the Food and Agriculture Organization of the United Nations.

# Symposium Details

## Air Transportation

The Lambert-St. Louis International Airport (STL) is a 20-minute drive from Washington University. Limousine service and rental cars are available at the airport. Exit Express Transportation is available for transportation to and from the airport. To make a shuttle reservation, call 314.646.1166. The Metrolink rail and bus system offers public transportation to destinations throughout the St. Louis metropolitan area. The closest rail station to Washington University is Delmar. Visit [www.metrolink.com](http://www.metrolink.com) for information on routes, schedules, and fares.

## Attire and Weather

Casual attire and comfortable shoes are recommended. Some activities will be held outside, so sunscreen and hats are encouraged. It is very warm in St. Louis in late July, with the high 80's being the norm and the low 70's at night. You may want to bring a sweater or light jacket for cooler evenings and air-conditioned rooms. A raincoat or umbrella is always helpful (all events are rain or shine).

## Cancellations and Refunds

A full refund, less a \$50 processing fee, will be made if requested in writing prior to July 10, 2006. No refunds will be made after July 10, 2006.

## Guests

Due to limited space, there are no guest registrations available for Thursday evening at Missouri Botanical Garden. If you have a guest who is interested in joining you, he or she must make a daily symposium registration to participate in the Thursday evening activities.

## Local Information

For a complete listing of activities, restaurants, hotels, and other local information, please visit [www.explorestlouis.com](http://www.explorestlouis.com).

## Lodging

A block of rooms has been reserved in **Washington University's Village Residence Hall** area. The residence halls are conveniently located within walking distance to the symposium meeting facilities and offer single air-conditioned rooms with shared bathrooms. The residence hall rooms are available at either a three- or four-night package rate. The three-night package is available at \$140 per person single. The four-night package is \$190 person single. The residence hall package includes two bed sheets, one pillow, a pillowcase, one blanket, two bath towels, and two wash cloths upon check-in. Reservations for the Residence Halls are made on the Symposium registration form. The deadline for requesting residence hall lodging is July 10.

The **Knight Center**, on the campus of Washington University and within walking distance of our symposium facilities, is offering a special rate of \$109 per night single/double

occupancy for reservations made by July 4, 2006. After July 4, reservations at this special rate are subject to availability. Reservations for the Knight Center can be made by calling the Center at 866.933.9400. Complimentary parking is available for Knight Center guests.

## Meeting Facilities

Thursday's symposium sessions will take place at the Missouri Botanical Garden. Shuttle services will be offered on Thursday from Washington University to Missouri Botanical Garden. Friday and Saturday's symposium sessions will be held on the Washington University campus. We will start each morning in Northwest Wohl Hall. Concurrent sessions will be held in nearby buildings within easy walking distance from Northwest Wohl Hall, the Residence Halls, and the Knight Center. You will receive a campus map and directions to check-in and registration locations with your symposium confirmation.

## Membership

AHS members receive a discount on symposium registration. If you are not a member, you can join today and take advantage of a special offer for symposium attendees. See registration form for details.

## Parking

Parking on the Washington University campus is by permit only. More information regarding parking locations and costs will be included in your symposium confirmation.

## Registration

The early full registration fee is \$300. AHS members receive a discounted rate of \$275. Full registration includes admission to all programs, continental breakfast and lunch each day, and dinner on Thursday. Daily registrations are also available. The optional trip to the top of the St. Louis Arch will be \$75 and includes transportation, admission, and dinner. Registrations received after July 1 will be charged the regular rate of \$320, if available. Register early — space is limited.

## Registration Confirmation

Registrations received by July 1 will be confirmed by e-mail unless otherwise requested. Registrations received after July 1 will be confirmed by phone or e-mail.

## Special Needs

Please indicate on your registration form any special services needed.

## Sponsorship Opportunities

Show your support for children and youth gardening by becoming a symposium sponsor. Please call the AHS at 703.768.5700 x 121 or e-mail [education@ahs.org](mailto:education@ahs.org) for details.

**Have questions or need more information?  
Visit [www.ahs.org](http://www.ahs.org), e-mail [youthprograms@ahs.org](mailto:youthprograms@ahs.org)  
or call 703.768.5700 x 132.**

# 2006 AHS National Children & Youth Garden Symposium

## July 27-29, 2006 • St. Louis, Missouri

Name \_\_\_\_\_

Organization or Institution \_\_\_\_\_

Address \_\_\_\_\_

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

This address is:  home  work E-mail \_\_\_\_\_

Daytime Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_

Do you want to be included in the attendee listing with your full contact information?  Yes  No

REGISTRATION	Early (by July 1)	Regular (after July 1)	TOTAL
<b>Full Symposium Registration</b>			
AHS Member Member #	\$ 275	\$ 295	
Non-Member (includes a one year AHS Membership)	\$ 300	\$ 320	
<b>Daily Registration</b>			
Thursday Only (includes dinner)	\$ 125	\$ 135	
Friday Only	\$ 100	\$ 110	
Saturday Only	\$ 75	\$ 85	
<b>Optional Pre-Symposium Workshop</b> Connecting Kids with Food	\$ 35	\$ 45	
<b>Optional Post-Symposium Trip</b> to the Top of the St. Louis Arch	\$ 75	\$ 85	

LODGING (no later than July 10)	By July 10	Arrival Date:	TOTAL
On-campus Residence Hall/Single			
4 night residence hall package	\$ 190	Departure Date:	
3 night residence hall package	\$ 140		

PAYMENT	TOTAL ENCLOSED
<input type="checkbox"/> Check (payable to AHS) Credit Card <input type="checkbox"/> VISA <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express Card Number _____ Exp. Date _____ Signature _____	\$

**KEY:** On Thursday you have the choice of selecting one 3-hour session, or two 1½-hour sessions. 1½-hour sessions are coded as "A" or "B", 3-hour sessions are coded as "C." Please select an "A" and a "B" session or a "C" session on Thursday. On Friday, you have the option to select one 1½-hour session. Please select one "A" session on Friday. On Saturday you have the option to select two 1½-hour sessions. Please select both an "A" and a "B" session on Saturday.  
**Please place an "X" across your requested educational sessions.**

THURSDAY						FRIDAY						SATURDAY						
A1	A2	A3	A4	A5	C11	C12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24
B6	B7	B8	B9	B10			B25	B26	B27	B28	B29	B30						

**SPECIAL NEEDS**  Vegetarian Meals  Other \_\_\_\_\_

**THREE WAYS TO REGISTER**

1. **ONLINE:** Visit [www.ahs.org](http://www.ahs.org)
2. **FAX:** 703.768.7533
3. **MAIL TO:** American Horticultural Society  
Attention: YGS Registration  
7931 East Boulevard Drive  
Alexandria, VA 22308




AMERICAN HORTICULTURAL SOCIETY  
7931 East Boulevard Drive  
Alexandria, VA 22308-1300

NON-PROFIT ORG.  
U.S. POSTAGE PAID  
MERRIFIELD, VA  
PERMIT NO. 2071

**Space is Limited!  
Register Early**

The American Horticultural Society (AHS) is a nonprofit national membership organization founded in 1922. The Society's mission is to open the eyes of all Americans to the vital connection between people and plants, to inspire all Americans to become responsible caretakers of the Earth, to celebrate America's diversity through the art and science of horticulture, and to lead this effort by sharing the Society's unique national resources with all Americans.

 Printed on recycled paper using soy ink.

AMERICAN HORTICULTURAL SOCIETY  
*presents the*

National  
Children &  
Youth Garden  
Symposium

**Cultivating a Sense of Place:  
A Youth Gardening Adventure**

St. Louis, Missouri  
July 27-29, 2006

*Hosted by the  
Missouri Botanical Garden*

