



arboretum leaves

winter 2017

The Friends of The Frelinghuysen Arboretum

Seventh Annual Community Garden Conference



Peter Hatch

The Friends of The Frelinghuysen Arboretum and Rutgers Cooperative Extension are teaming up to present their 7th Annual Community Garden Conference. This year's keynote speaker is Peter Hatch, an independent scholar living in Albemarle County, Virginia, where he gardens, lectures, consults, and writes about garden history. Now the Director of Gardens and Grounds Emeritus for the Thomas Jefferson Foundation, Mr. Hatch was responsible for the maintenance, interpretation, and restoration of the 2,400-acre landscape at Monticello from 1977 to 2012. He has also managed important restoration projects, such as the eight-acre Vegetable and Fruit Garden, and the Grove, an ornamental forest of eighteen acres. In 1987 Peter initiated the Thomas Jefferson Center for Historic Plants, a unique nursery dedicated to preserving historic and Jefferson-related garden plants.

The impressive list of session speakers, all experts in their field, will cover topics relevant and pertinent to community gardeners, garden managers and those trying to establish a new community garden. Topics include Plant Breeding with Dr. Tom Orton of Rutgers, Composting at Community Gardens with Rick Carr of the Rodale Institute, Irrigation Techniques with Peter Nitzsche of Rutgers Cooperative Extension, Planting for Pollinators with Dr. Randi Eckel of Toadshade Wildflower Farm and more. It's a full day of education, exhibitors, networking, and camaraderie. Lunch is provided and the snow date for this conference is Sunday, March 5.

morris county park commission	
2017 Community Garden Conference March 4, 2017	The Frelinghuysen Arboretum 353 East Hanover Avenue Morris Township, NJ 07960 Whether you're an experienced or new community gardener, a Community Garden manager, coordinator, or activist trying to get a Community Garden started, you will want to attend this program. Visit www.arboretumfriends.org for all the details. Call 973.326.7603 to register.
Keynote Speaker Peter Hatch, Director Emeritus of Gardens and Grounds at the Thomas Jefferson Institute Irrigation Tools and Techniques Peter Nitzsche, Agricultural and Resource Mgmt. Agent Rutgers Cooperative Extension of Morris County Composting at Community Gardens Rick Carr, Compost Production Specialist Rodale Institute Planting for Pollinators Dr. Randi Eckel, Owner Toadshade Wildflower Farm Plant Breeding Dr. Tom Orton, Extension Specialist Rutgers Agricultural Research and Extension Center Cover Crops and Green Manures Dr. Kristy Borelli, Sustainable Ag Extension Educator NE-SARE Coordinator Penn State Extension Perspectives: A Coordinators Roundtable Various Speakers from NJ Community Gardens offer up their unique perspectives to kickoff a roundtable discussion for coordinators and managers of community gardens. Lunch is provided. \$50 before February 1; \$60 after February 1 The snow date for the conference is Sunday, March 5 Eligible for 5.0 Rutgers Master Gardener CEU's	<p>EAT <i>Real Food</i></p> <p><small>Artwork courtesy of Joe Wilshelm www.victorygardenmorrisnj.com</small></p>
<small>The Friends of The Frelinghuysen Arboretum www.arboretumfriends.org 353 East Hanover Avenue, Morris Township, NJ 07962</small>	<p>RUTGERS New Jersey Agricultural Experiment Station Cooperative Extension</p>

This program is eligible for 5.0 Rutgers Master Gardener CEU's. Please bring a donation for the Interfaith Food Pantry of Morris County.

Date: Saturday, March 4

Time: 9:00 am – 4:30 pm

Cost: \$50 per person before February 1,
\$60 per person after February 1

— For more information on the sessions and to register please see insert. —

notes from the board

I began this column in the Autumn issue by talking about change. Little did I realize how much more change was in the wind! This time the news is bittersweet. Lesley Parness, Superintendent of Horticultural Education, has announced her retirement, effective February 1st. Lesley has been the guiding hand at the Arboretum for 15 years. Under her leadership, the programs at the Arboretum have gained widespread recognition for their excellence. Top speakers attract people from far and wide, and one has to go quite a distance to find programs of this caliber. Best of all is to hear one of Lesley's talks about the Rare Book Collection – her breadth and depth of knowledge about botanical history is marvelous, and she makes the books come alive. She has worked tirelessly alongside the Friends' board through many changes in membership, personnel, and administrative policies. To lose her creativity and dedication is the bitter part; the sweet part is that she promises that she'll be staying in the area and will always be a Friend. Please join us at the New Year's Party on January 15 (snowdate January 22) when we'll celebrate her achievements and wish her much happiness in retirement. Knowing Lesley, she'll be busier than ever!

By the time you receive the Spring issue of Arboretum Leaves, we hope to announce the appointment of Lesley's successor. The Morris County Park Commission (MCPC) is beginning its review process as this issue goes to press. In the meantime, the MCPC created a new position and appointed Jenny Gaus in September as Assistant Director of Education and Interpretive Programming (see article on page 6).

As an added incentive to attend the New Year's Party, this year we have Chatham resident Marta McDowell as our speaker. Marta will talk about her new book, "All the Presidents' Gardens." She describes the book as "an entertaining romp through our nation's garden history as seen through the changing grounds at the White House, starring the presidents, first ladies, and their gardeners."

Looking ahead to the winter programs, we are grateful that Lesley has already prepared a roster of interesting events for us. The highlight will be the Blackburn Scholarship Lecture (Feb. 4, snowdate Feb. 5) featuring Bill Thomas, Executive Director of Chanticleer Garden in Wayne, PA. Bill has published a new book titled "The Art of Gardening: Design Inspiration and Innovative Planting Techniques from Chanticleer." Bill writes "This book is meant to be a conversation between our staff and you," and is a resource providing instruction and insight on the staff's most reliable gardening practices. Bill will bring copies of his book to the lecture.

Check the following pages for more offerings of intriguing programs, cooking classes, and day trips, including the not-to-be-missed Philadelphia Flower Show, when we're all longing for spring to arrive. There's so much here to help get you through the dreary days of winter.

Judy Snow
President

Member's Only
New Year's Party

special events

All the Presidents' Gardens

Madison's Cabbages to Kennedy's Roses – How the White House Grounds Have Grown with America by Marta McDowell

Marta McDowell, a member of The Friends of The Frelinghuysen Arboretum and a former intern here, will give a talk on her latest book,

All the Presidents' Gardens. Marta McDowell, photo by Marco Ricca

Marta teaches landscape history and horticulture at the New York Botanical Garden and consults for private clients and public gardens.

In *All the Presidents' Gardens* Marta tells the untold history of the White House Grounds, starting with plant-obsessed George Washington and ending with Michelle Obama's kitchen garden. The 18 acres surrounding the White House have been an unwitting witness to history in which kings and queens have dined, bills and treaties have been signed, and presidents have landed and retreated. Throughout it all, the grounds have remained not only beautiful, but also a powerful reflection of American trends. History buffs will revel in the fascinating tidbits about Lincoln's goats, Ike's putting green, Jackie's iconic roses, and Amy Carter's tree house. Gardeners will enjoy the information on the plants whose favor has come and gone over the years and the gardeners who have been responsible for it all. The historical and contemporary photographs, vintage seed catalogs, and rare glimpses into Presidential pastimes will delight all.

Following Marta's talk, please join us for refreshments. Then, we'll all drink a toast to Superintendent of Horticultural Education, Lesley Parness, who will retire on February 1, 2017. Please make your reservation early, as seats are limited! The snow date for the New Year's Party is Sunday, January 22.

Date: Sunday, January 15 – *Register by January 8*

Time: 1:00 pm – 3:00 pm

Cost: Free to members, but registration is required



Benjamin Blackburn Scholarship Lecture

Since 1979, The Friends of The Frelinghuysen Arboretum have supported horticultural education through a scholarship named for Dr. Benjamin Blackburn. Dr. Blackburn was a professor of Botany at Drew University. His involvement with the Morris County Park Commission began with his friendship with Henry and Robert Tubbs, whose property Willowwood, eventually became the Willowwood Arboretum. Dr. Blackburn published many articles and wrote a number of books on gardening as well as being the host of a very popular radio gardening program. He generously shared his vast knowledge and deep love for horticulture with many staff members in the Horticulture Division and with his countless fans – members of The Friends of The Frelinghuysen Arboretum and area garden clubs.

Currently, the scholarship is offered to students in the Landscape Technology Program at County College of Morris. This scholarship allows interested students the opportunity to explore the different horticultural, environmental, and design studies offered through the accredited CCM programs. The increased knowledge the students acquire in the classroom and through hands-on programs at CCM will benefit them as they enter their chosen field in horticulture and landscape design.

The Friends of The Frelinghuysen Arboretum and the Watnong Chapter of North American Rock Garden Society are pleased to announce the commitment of the Watnong Chapter to give \$500 annually in additional funding to the Blackburn Scholarship award. The Chapter is motivated by the need to increase the number of well trained professional gardeners in this region. A representative of the chapter will participate in the selection of the recipient(s) of the award.

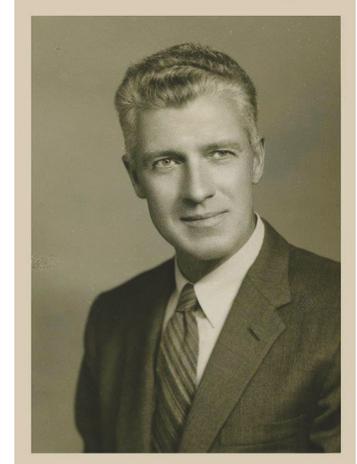
This year's Benjamin Blackburn Lecture speaker is R. William Thomas, Chanticleer Garden's Executive Director and Head Gardener. He lectures from his book, "The Art of Gardening: Design Inspiration & Innovative Planting Techniques from Chanticleer." Chanticleer Garden in Wayne, Pennsylvania is known as one of America's most romantic, imaginative and exciting public gardens. Mr. Thomas tells the history of Chanticleer and outlines the design principles that guide this "three-dimensional work of ever-changing art."

This program is eligible for 2.0 Rutgers Master Gardener CEU's.

Date: Saturday, February 4 – Register by January 28
Snow date – Sunday, February 5

Time: 2:00 pm – 4:00 pm

Cost: \$20



Dr. Benjamin Blackburn



R. William Thomas

Bus Trip with the Friends to the Philadelphia Flower Show

Come and experience the wonders of Holland at the 2017 Philadelphia Flower Show. From windmills, wooden shoes and cheese, to bicycles, canals and vibrant tulip and flower fields, the largest flower show in the U.S. will celebrate innovative Dutch landscape and architecture as well as its history, art and culture. Join The Friends of The Frelinghuysen Arboretum for the day and explore colorful awe inspiring gardens, stunning floral arrangements, lectures and fantastic shopping. Enjoy lunch and/or dinner on your own at the show, in Chinatown or the Reading Terminal Market.

A full refund will be given to participants who cancel at least 14 days in advance of the trip. There will be no refund otherwise.

Date: Tuesday, March 14 – Register by March 1

Time: 10:30 am – 8:30 pm Bus leaves from the arboretum parking lot.

Cost: \$70 members / \$80 non-members





Dried Flower Workshop with Marge Hulstrunk

The promise of spring is given glorious expression in these richly romantic wreaths made with assorted dried Herbs and Flowers from our own Cutting Garden. Marge Hulstrunk, a professional Floral Designer and owner of Flowers by Marjorie will guide you through the process of making your own dried flower wreath in either of two totally different designs. One is a single 15" diameter wreath, the other is a trio of small wreaths hung from a branch. Choosing will be the hardest part. The snow date for this program is February 19.

Date: Saturday, January 28 – Register by January 14
Time: 1:00 pm – 3:30 pm
Cost: \$45 members / \$50 non-members



Cooking Demonstration: Comfort Food

Certain foods promise solace as much as they do fuel. What better way to spend a chilly winter afternoon than learning some new recipes that will quick become your favorite comfort food. In this cooking demonstration, Chef and Master Gardener Cynthia Triolo shares some of her best recipes to warm your heart and hearth.

Date: Sunday, January 29 – Register by January 22
Time: 1:00 pm – 3:00 pm
Cost: \$20 members / \$25 non-members

Cooking Demonstration: Springtime Favorites

Spring is officially here so let's prepare some dishes to brighten up your table and take us out of the winter doldrums. We'll use asparagus, spinach, peas and many other delicious early spring vegetables in a variety of mouth-watering dishes.

Date: Sunday, March 19 – Register by March 12
Time: 1:00 pm – 3:00 pm
Cost: \$20 members / \$25 non-members



Winter Appeal: Finding Beauty Through Structure

The absence of flowers and leaves reveals the architectural structure of trees and shrubs. Mark Inzano, Manager of Horticulture, presents an illustrated talk on some of his favorite plants with "good bones." Following his half hour lecture, he will lead a short tour of the arboretum's grounds to admire these 4-season planting choices. Hot cocoa and cookies follow. Dress warmly.

This program is eligible for 2.0 Rutgers Master Gardener CEU's.

Date: Sunday, March 12 – Register by March 5
Time: 1:00 pm – 3:00 pm
Cost: \$12 members / \$15 non-members

Creating an Inviting Garden with Style

Speaker Susan Cohan, is well-known in the landscape and design community for her design work whose trademarks are artisanal details, creative use of traditional materials and fine craftsmanship. Her boutique landscape design studio, Susan Cohan Gardens, specializes in residential design projects in the New York/New Jersey area. In this illustrated presentation, Susan focuses on three overarching garden styles that cover just about everyone's idea of what they would like in their personal outdoor space. Whether you embrace traditionalist, rustic, contemporary or a combination of these styles, you will learn more about them in this easy to follow style primer that will help you identify what your garden is and what it can be.



This program is eligible for 2.0 Rutgers Master Gardener CEU's.

Date: Sunday, March 26 – Register by March 19
Time: 1:00 pm – 3:00 pm
Cost: \$15 members / \$18 non-members

Pruning Workshop with the Gardeners of Bamboo Brook

The gardeners at Bamboo Brook really know their stuff and when it comes to pruning, no one does it better. Learn the how's and why's from the experts, the science behind it all and what tools to use. Then, practice your new skills on the trees and shrubs in the gardens. Dress for the weather and bring your garden gloves. This program is being held at Bamboo Brook Outdoor Education Center.

This program is eligible for 2.0 Rutgers Master Gardener CEU's.

Date: Saturday, April 1 – Register by March 24
Time: 1:00 pm – 3:00 pm
Cost: \$10 members / \$12 non-members

children's programs

Winter Weekend Photo Scavenger Hunt

Grab a camera or phone and stop by the Haggerty Education Center for a nature photo scavenger hunt. Visitors can pick up the list, head outside and shoot away. Take a picture of every item, return to the Education Center and pick up your prize. Scavenger lists change every month. January's theme is "Black and White", February's is "A Pop of Color" and the theme for March is "Stick to the Trails". What a great way to explore the arboretum and to get the family outside in the fresh air.

Date: Saturdays and Sundays in
January, February and March

Time: Families welcome to participate any time
between 9:00 am and 3:30 pm

Cost: \$10 per family

Family Nature Crafts:

Teeny, Tiny World

Ages 6 & up

Create your own small world in this family terrarium making workshop. Make your own or work together and learn what plants work best, how a terrarium works and how to care for what's inside.

Date: Saturday, January 28 – Register by January 14

Time: 1:00 pm – 2:00 pm

Cost: \$15 per terrarium members / \$20 non-members

Be Mine, Valentine!

Ages 6 & up

Using natural materials make five different valentine cards that send the perfect message the natural way and make your cards the ones everyone wants to receive. Create as a family or have each person make their own.

Date: Saturday, February 4 – Register by January 27

Time: 1:00 pm

Cost: \$8 members / \$10 non-members

Seedlings

Plant the seeds for a love of nature in Seedlings. In this program, preschoolers ages 3-5 and their adult caregivers will discover the wonders of nature. Each session features a different theme based on what is growing in the gardens. We begin with story time and complete the class with an outdoor exploration of the arboretum in winter. Dress for the weather!

Dates: Wednesdays – see below

Time: 11:00 am – 12 noon

Cost: \$5 per session

Brrrr!

Wednesday, January 11

Winter is here, but if you look closely you'll see signs of life in the garden and you might even see something in bloom!

Over And Under

Wednesday, January 25

Above the ground everything is quiet but under the ground there's all kind of activity both plant and animal.

The Nose Knows

Wednesday, February 8

Does that plant have a smell? Take a whiff and find out. In the meantime, find out why.

Shadows of Spring

Wednesday, February 22

Hooray! The days are getting longer signaling spring is coming. Discover why plants need light and how it helps them grow.

The Shape of Things

Wednesday, March 8

Now that the trees are bare you can see their shapes and their structures. Why are they shaped the way they are and what shapes are found in the garden?

Shake it Up!

Wednesday, March 22

Seeds travel in a number of ways all year long. Now's the time to think about sowing seeds for spring.



Matilda's Tea: Fascinating Fascinators!

Mark your calendars for the return of the Matilda's Tea on Saturday, March 11. Bring your favorite young person and explore the art of millinery, or hat-making and learn about the fashion of proper young ladies at the turn of the previous century. How did Matilda Frelinghuysen dress to play in the gardens of Whippany Farm, now The Frelinghuysen Arboretum? Travel back in time and find out. You'll also learn how the bigger-is-better hat craze of the early 20th century launched the environmental movement of today.

Tea takers will begin the day by making a hat. Come hatless and leave with a fabulous fascinator, just like the ones that Princess Kate Middleton wears today. Will you choose feathers, beads, tulle, sparkles or all of them? Adults and children alike leave with a custom made fascinator they can enjoy forever. Then all will enjoy a light tea and an illustrated talk about the history of women's head dressings. This program is designed for young and old.

Space is limited so pre-registration is required. The program begins at 2:00 pm. The cost is \$25 per person. Appropriate for adults and children ages 6 and up.

*What's Happening in the Garden
from the Manager of Horticulture*



Rugosa Rose (Rosa rugosa)

A Shady Dilemma

Improvements are being planned for The Craig Rose Garden, one of the original gardens here at The Frelinghuysen Arboretum. As gardeners know, shade and roses are not a perfect combination. But those are the conditions that exist within the Craig Rose Garden located on the west side of the Frelinghuysen Mansion.

Whether it be from the towering Green Giant Arborvitae (*Thuja plicata*), the sprawling Red Oak (*Quercus rubra*), or the American Boxwood (*Buxus sempervirens*) hedge that forms the garden's perimeter, shade plays a major role in the ability of the Craig Garden to sustain rose plantings. Six hours of sun is the common adage used in regards to the light needs of roses. However, the Craig Rose Garden receives an average of four hours in some areas ranging from dappled to almost full. The strain this puts on the roses is evident in their lack of blooms, leggy growth, and less than ideal performance.

We plan to improve and diversify the existing rose plantings, with the addition of Rugosa Rose (*Rosa rugosa*) in the spring, 2017. These hardy and fragrant roses are known to tolerate some shade and should be able to flourish where other roses have failed. Cultivars of rugosa offer single and double blooms as well as a range of colors including shades of white, lavender, yellow and red. With some luck and judicious care, we believe that Rugosa Rose will be the perfect plant to perpetuate the original intent of the garden.

*Would you like to receive a paperless version
of Arboretum Leaves?*

**Help us go green, and get your
Arboretum Leaves sooner!**

If you would like to receive Arboretum Leaves via email, please contact Margery Ennist at mennist@morrisparks.net. You will receive the next issue of Arboretum Leaves as a PDF instead of receiving a paper copy in the mail. PDFs will be emailed on the same day that the paper copies are mailed, so you will get Arboretum Leaves first!



*Save the Date
The Majestic Gardens
of the Southwest of England*

Mark your calendars for June 2017 when the Friends will be traveling to gardens in the Southwest of England. As we traverse the counties of Wiltshire, Somerset, Devon and Cornwall, we will visit an outstanding mix of both public and private gardens; including historic estates, cottage gardens and amazing subtropical and clifftop gardens. There is nothing quite like the Cornish coast! More information will be coming soon. If you are interested in this trip, please send an email to Margery Ennist at mennist@morrisparks.net and we will let you know as plans develop.



Jenny Gaus-Myers

Meet Jenny Gaus-Myers

*Assistant Director of Education
and Interpretive Programming*

The Morris County Park Commission has combined the Horticultural Education and Environmental Education Departments. Leading these will be Jenny Gaus-Myers, the Assistant Director of Education and Interpretive Programming for the Morris County Park Commission. Previously, Jenny was the Superintendent of Environmental Education for the MCPC, and in her new position, she will continue to oversee that area as well as the Horticulture Education Department. Before joining the MCPC, she was the Education Director of Flat Rock Brook Nature Center in Englewood, an adjunct professor of environmental education for Fairleigh Dickinson University, and a teacher in the Kinnelon Public Schools. She's looking forward to putting her enthusiasm and expertise in education to work at The Frelinghuysen Arboretum.

affiliate member programs

All are free and open to the public

African Violet Club of Morris County

Growing & Showing Miniature & Semi-miniature African Violets – Paula Bal will discuss how she grows award winning plants.

Wednesday, January 11 7:30 pm

2016 AVSA Convention slide program from the 2016 African Violet Society of America annual convention flower show in Albuquerque, NM.

Wednesday, February 8 7:30 pm

Dish Gardens – Jill Fischer will show how create dish gardens to exhibit in an African Violet show.

Wednesday, March 8 7:30 pm

Frelinghuysen Arboretum Gesneriad Society

2016 Gesneriad Society Convention slide show from the 2016 Gesneriad Society annual convention flower show.

Thursday, February 2 8:00 pm

Propagation Workshop – learn how to propagate gesneriads from leaves, cuttings & rhizomes.

RSVP required to Karyn Cichocki, kdc05@ptd.net

Thursday, March 2 8:00 pm

Great Swamp Bonsai Society

Bonsai education programs

Tuesday, January 10 7:00 pm

Tuesday, March 14 7:00 pm

For Updates in topics and changes in dates and times please visit our webpage at:

<http://www.arboretumfriends.org/gsbonsai/>

Home Garden Club of Morristown

Monthly Meeting

Wednesday, March 15 11:30 am

1:00 pm “Peonies” talk by Dan Furman, owner of Cricket Hill Gardens, who specializes in growing all types of peonies for commercial and retail markets. Talk includes information on botany and cultivation of all types of peonies.

New Jersey State Chrysanthemum Society

This meeting will feature Doris Cunniff speaking on pressed flowers and leading the attendees in creating a project to take home. A general discussion will focus on evaluating wintered-over chrysanthemums and preparing for the coming growing season.

Friday, March 10 1:00 pm

Tristate African Violet Council

The NJ Council of African Violet Judges and the Tristate African Violet Council will have a joint meeting 10:00 AM followed by a program to be determined, a brown bag lunch, and the second meeting. Anyone interested in African violets is welcome.

Saturday, February 18 10:00 am

North American Butterfly Association

Tuesday, January 3 7:30 pm

Tuesday, February 7 7:30 pm

Tuesday, March 7 7:30 pm

North American Rock Garden Society – Watnong Chapter

Randi Wilfert Eckel – The role of native plants in landscape design: Landscaping with a purpose.

Saturday, February 18 10:00 am

Mark Weathington – Making a Mountain out of a Molehill: Rock Garden.

Sunday, March 19 10:00 am

art in the
Arboretum 

In Our Gallery

— January —

Each Moment of the Year

Has Its Own Beauty by Larry Kerner

Bring sunshine to your January with Larry Kerner's magnificent nature photographs, depicting cloud-capped canyons, tumbling mountain streams, and waterfalls. A percentage of all sales from this exhibit will be donated to The American Heart Association in memory of Sherry A. Rawson.

— February —

Nature Photography by Rachel Ritter

Brighten your February days with the beautiful photography of Rachel Ritter of Morris Township. She draws her inspiration from the gardens of Morris County and her photographs are a perfect blending of art and nature.

— March —

The Yacon Project

The Rutgers Master Gardeners of Morris County present a photographic exhibit of “The Yacon Project.” The project, from seeding to harvest, is on display in this uniquely informative exhibit.



*The Friends
of The Frelinghuysen Arboretum*
353 East Hanover Avenue, P.O. Box 1295
Morristown, NJ 07962-1295

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Judy Snow Linda Pastorino
President *Acting Vice President*

Pam Venanzi Kathy Kane
Secretary *Treasurer*

The Morris County Park Commission and The Friends of The Frelinghuysen Arboretum invite everyone to participate in their programs. If you require an interpreter for the deaf or other accommodations, please contact us at 973-326-7603 or TDD 1-800-852-7899. Please provide two weeks notice.

calendar of events

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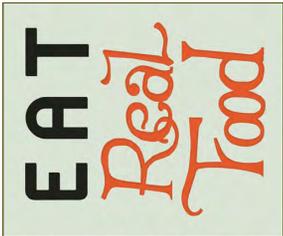
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Haggerty Education Center
The Frelinghuysen Arboretum
353 East Hanover Avenue
Morris Township, NJ 07960

FIRST CLASS MAIL



2017 Community Garden
Conference

RUTGERS

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■ Cooperative Extension

enjoy the
experience
morris county park commission



353 East Hanover Avenue, Morristown, NJ 07962

morris county park commission

2017 Community Garden Conference March 4, 2017

at
The Frelinghuysen Arboretum
353 East Hanover Avenue
Morris Township, NJ 07960



Artwork courtesy of Joe Wirtheim
www.victorygardenoftomorrow.com

Calling All Community Gardeners

Interest in and demand for Community Gardens has grown explosively. The Friends of The Frelinghuysen Arboretum and Rutgers Cooperative Extension are partnering for the seventh year in a row, to bring you an impressive list of topics taught by speakers who are all experts in their fields.

**Please bring a donation for the
Interfaith Food Pantry**

Eligible for 5.0 Rutgers Master Gardener CEU's



**Saturday, March 4
9:00am to 4:30pm**

Snow date of Sunday, March 5
\$50 If registered before February 1
\$60 If registered on/after February 1

Register online at
arboretumfriends.org
or call 973.326.7603

2017 Community Garden Conference

Keynote Address

This year, our keynote speaker is Peter Hatch, the Director of Gardens and Grounds Emeritus for the Thomas Jefferson Foundation, Peter was responsible for the maintenance, interpretation, and restoration of the 2,400-acre landscape at Monticello from 1977 to 2012. He has also managed important restoration projects, such as the eight-acre Vegetable and Fruit Garden, and the Grove, an ornamental forest of eighteen acres. Peter initiated the Thomas Jefferson Center for Historic Plants, a unique nursery to preserve historic and Jefferson-related garden plants. He will lecture on his latest work, 'A Rich Spot of Earth': Thomas Jefferson's Revolutionary Garden at Monticello, which will be available for sale and signing.

Plant Breeding for Community Gardeners

**Dr. Tom Orton, Extension Specialist
Rutgers Agricultural Research and Extension Center**

Rutgers professor and plant geneticist, Tom Orton, introduces the basics of plant breeding in a way that everyone can understand. Learn flower parts, cross-pollination and how plants inherit genes through their DNA. Gain knowledge of the breeding strategies for some common vegetable plant species. You will be able to plan and execute your own breeding program with the skills learned in this class. You may even develop and name your own plant variety! Dr. Orton earned his PhD in Genetics and Botany at Michigan State University and is currently a Professor and Extension Specialist at Rutgers University.

Cover Crops and Green Manures

Dr. Kristy Borelli

Kristy Borelli is the Sustainable Ag Extension Educator at Penn State University. Kristy grew up on a small family beef and poultry farm in Upstate New York, received her bachelor's degree in Environmental Biology from SUNY ESF, and her M.S. and Ph.D. degrees in Soil Fertility from Washington State University. Her interests focus on diversifying cropping systems to manage soil fertility and plant nutrients in order to maintain soil, water, and air quality. Kristy's research and extension focuses on making science-based information about nutrient management and water quality relationships, soil health, and value-added crop enterprises accessible. What better speaker on cover crops could there possibly be? She'll cover the pros and cons of cover cropping and green manures, the benefits of each crop, when to plant, and what to do in the spring.

Perspectives: A Roundtable Discussion Various Community Garden Managers

To kickoff the discussion, we'll take a look at a few diverse community gardens. Then open up the discussion to those attending to tackle any issues, concerns or quandaries. We want to know about your successes too! This session is geared to community garden managers and coordinators. Please email Cynthia at ctrlolo@morrisparks.net with your questions to make this session be as efficient as possible.

Irrigation Tools and Techniques

**Peter Nitzsche, Agricultural and Resource Mgmt Agent
Rutgers Cooperative Extension of Morris County**
Adequate soil moisture is essential for good crop growth. Watering seems like one of the simplest tasks for a community gardeners however understanding plant water needs, the latest in irrigation tools and techniques will help to ensure success. Speaker Pete Nitzsche's commitment to community gardens is the reason this conference became a reality seven years ago. Pete holds a B.S. in Plant Science and an M.S. in Horticulture from Rutgers, The State University of New Jersey. Commercial vegetable and small fruit production and marketing are the focus of his applied research and Extension program and he also oversees the Rutgers Master Gardener volunteer program. His work on strawberries and tomatoes led to the release of the 'Rutgers Scarlet' strawberry and the 'Rutgers 250' tomato in 2016.

Composting at Community Gardens Rick Carr, Compost Production Specialist, Rodale Institute

Similar to the backyard of any individual gardener, community gardens will generate a volume of organic residuals that will require management. However, the difference between the two work sites is the volume generated. You will have your usual suspect of materials such as plant trimmings, woody debris, culled fruit and vegetables and a handful of others. Diverting these materials from the landfill is the first step to creating resources from waste materials and ultimately producing a valuable soil amendment – compost. The composting process for community gardens is very much the same when compared to typical backyard composting systems but it's not without its challenges, in particular the management plan. Join Rick Carr, a seasoned composter, compost researcher and multi-state Master Composter as he discusses the basics of composting at community gardens and shares helpful tips for avoiding common issues in and outside the compost bin.

Planting for Pollinators

Dr. Randi Eckel

Toadshade Wildflower Farm

Dr. Randi Eckel is the owner and founder of Toadshade Wildflower Farm, an all-native mail order nursery. A life-long naturalist, Randi has studied plant, disease, and insect interactions for over 30 years starting at the University of Delaware, University of Maryland and North Carolina State University and continuing through her work at the USDA and now as owner of Toadshade Wildflower Farm. When she's not up to her elbows in plants and dirt or off hiking and studying plants and insects, she frequently lectures on native plants, native plant propagation and the complex issues facing native plants and native plant communities. In this session, she will focus on plants especially suited to attract pollinators to a vegetable garden. Prepare to get your hands dirty as we sow seeds of pollinator attracting plants for you to take back to your community garden.



RUTGERS

New Jersey Agricultural
Experiment Station

■ Cooperative Extension

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experience
morris county park commission

2017 Community Garden Conference

REGISTRATION

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____

Email _____

Community Garden _____

9:00am-9:30am Registration and coffee
9:30am- 9:45am Welcome Address

9:45am-10:45am **Keynote Address**

11:00am-Noon **Breakout Session A**

(Choose 1)

- 1. Plant Breeding
- 2. Cover Crops and Green Manures
- 3. Perspectives

Noon-12:45 **Box Lunch**
 4. Vegan 5. Vegetarian 6. Turkey

12:45am-1:45pm **Breakout Session B**

(Choose 1)

- 7. Plant Breeding
- 8. Cover Crops and Green Manures
- 9. Perspectives

2:00pm-3:00pm **Breakout Session C**

(Choose 1)

- 10. Irrigation Tools and Techniques
- 11. Composting at Community Gardens
- 12. Planting for Pollinators

3:00pm-3:30pm **Coffee Break**

3:30pm-4:30pm **Breakout Session D**

(Choose 1)

- 13. Irrigation Tools and Techniques
- 14. Composting at Community Gardens
- 15. Planting for Pollinators

Please choose your Breakout Sessions and Lunch.



Register online at
arboretumfriends.org
or call 973.326.7603

Make check payable to FRIENDS

Mail to:
The Friends of The Frelinghuysen Arboretum
PO Box 1295
Morristown, NJ 07962-1295

"Branching Out!"

morris county park commission

"Branching Out!" is the exciting and educational gardening program for young people between the ages of 5 and 13 and 2017 will mark its 45th gardening season.

Beginning in April, gardeners meet weekly on Saturdays to prepare the soil and plant their own gardens. The program requires regular attendance and commitment on the children's part as they plant, maintain and harvest vegetables, herbs and flowers from their plots. The summer session also offers many imaginative and hands-on garden related activities such as lessons on trees, insects and plants. Be prepared to get dirty! Gardeners participate in a variety of projects utilizing plants they have grown themselves including cooking and eating!

Gardeners may register for the Full Season program (Spring & Summer) or for only the Spring or only the Summer Session. The fee includes use of the garden plot, all the needed tools, seeds, transplants, craft supplies, and instruction for the various projects. Financial assistance based on family need is available. The Morris County Park Commission invites everyone to participate in its programs.

For further information, or if your child has special needs, call 973.631.5004.

"Branching Out!" is administered by The Friends of The Frelinghuysen Arboretum with assistance from garden clubs and individuals in cooperation with the Morris County Park Commission. Gardeners meet in the Haggerty Education Center at The Frelinghuysen Arboretum, 353 East Hanover Avenue, Morris Township (across from the County Library).

2017



"Branching Out!"

Registration & Schedule



enjoy the experience
morris county park commission

FIRST CLASS MAIL

"Branching Out!"
PO Box 1295
353 East Hanover Avenue
Morristown, NJ 07962-1295

2017 Registration Form

Name _____ Sex _____

School _____ Current Grade (as of Spring 2017) _____

Birthdate _____

Street Address _____

City, Zip _____

Phone _____

Parents' Names _____

E-mail address (for internal use only) _____

Family members of The Friends of The Frelinghuysen Arboretum may deduct \$25 per child per full season or \$10 per child for spring or summer or fall only.

_____	Session A Full Season	\$510
_____	Session A Spring	\$190
_____	Session A Summer	\$295
_____	Session A Fall	\$120
_____	Session B Full Season	\$495
_____	Session B Spring	\$175
_____	Session B Summer	\$250
_____	Session B Fall	\$120
_____	Monday Add On	\$60
_____	Wednesday Add On	\$60

Send to: "Friends" PO Box 1295, Morristown, NJ 07962-1295

Hands-on gardening is the perfect way for kids to get outside and get growing. Guided by instructors, kids plant their own gardens, tend and harvest lots of fresh produce and flowers, do crafts and activities related to their gardens and, best of all, taste and prepare the fruits of their labors. Register for Spring, Summer, Fall or all three seasons - each season offers fun, unique garden and nature activities and lots of vegetables to enjoy and share.

Ages: Grades K-7
Location: Frelinghuysen Arboretum, Morris Twp.

Cost:	Group A (Grades 4-6)	Group B (Grades K-3)
Full Season	\$510	\$495 (must be age 6 by 4/1/17)
Spring Only	\$190	\$175
Summer Only	\$295	\$250
Fall Only	\$120	\$120

SPRING Gardeners will plan, plant, and pick early season crops as well as learn basic gardening skills such as proper ways of planting, watering and fertilizing as well as composting and insect i.d.

Spring Session	Saturdays April 1—June 24 8am—10:00am	Saturdays April 1—June 24 10:30 to 12:00pm
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SUMMER Gardeners will continue planting, harvest mid-season vegetables and do crafts and activities related to the garden.

Summer Session	Tuesday & Thursday July 6—August 17 9am—12 pm	Monday & Wednesday July 5—August 16 9am –12pm
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FALL Gardeners will extend the season and learn about autumn gardening and long season plants such as pumpkins and Brussel sprouts and how to have a third season and how to put the garden to bed for winter.

Fall Session	Saturdays September 9-November 4 9am -11am	Saturdays September 9-November 4 9am -11am
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SPECIAL SUMMER AFTERNOON ADD-ONS FOR KIDS GRADES K-3

Munchy Mondays

Junior cooks will experience trowel-to-table with this 6-week vegetable prep and cooking workshop for kids in grades k-3

Mondays
July 10-August 14
1 pm-3 pm
Cost: \$60

Wednesday Weather Wizardry

Kids in grades K-3 learn the science and folklore of weather prediction. Make meteorological instruments and explore the arboretum's trails looking for natural ways to predict what tomorrow's weather will be.

Wednesdays
July 5- August 16
1 pm- 3 pm
Cost: \$60

registration form

- Registrations are accepted on a first-come, first-served basis and will be confirmed when payment is received.
- Credit cards are accepted at our website: www.arboretumfriends.org. Be sure to follow the Paypal instructions to complete the transaction. Bring your receipt to the program.
- Make checks payable to "Friends". Mail registration form and checks to: Friends, PO Box 1295, Morristown, NJ 07962-1295
- All activities are scheduled in the Haggerty Education Center at The Frelinghuysen Arboretum, 353 East Hanover Avenue, Morris Township, NJ, unless otherwise noted.
- In order to receive a refund, cancellations must be made at least 7 days in advance of the program. To cancel your registration, please send an email to cancellations@arboretumfriends.org. Please include your name, the name of the program and the number of spaces you are cancelling.
- For questions or more information, call 973-326-7603.

Name _____

Address _____

City _____ State _____ Zip _____

Home phone _____

Secondary phone Work Cell Other _____

Email _____

Would you like an email confirmation? Yes No

No. attending	WINTER PROGRAMS	Cost	No. attending	WINTER PROGRAMS	Cost
_____	Members Only New Year's Party	_____	_____	Seventh Annual Community Garden Conference (See insert to register)	_____
_____	Seedlings (Circle Dates)	_____	_____	Matilda's Tea: Fascinating Fascinators	_____
	1/11 1/25 2/8 2/22 3/8 3/22	_____	_____	Bus Trip to the Philadelphia Flower Show	_____
_____	Dried Flower Workshop (Circle one)	_____	_____	Winter Appeal: Finding Beauty Through Structure	_____
	Wreath Trio	_____	_____	Creating an Inviting Garden with Style	_____
_____	Family Nature Crafts: Teeny, Tiny World	_____	_____	Cooking Demonstration: Springtime Favorites	_____
_____	Cooking Demonstration: Comfort Food	_____	_____	Pruning Workshop at Bamboo Brook	_____
_____	Family Nature Crafts: Be Mine, Valentine	_____			
_____	Benjamin Blackburn Scholarship Lecture	_____			

membership form



Yes, I would like to join The Friends of The Frelinghuysen Arboretum.

Name _____

Address _____

City _____ State _____ Zip _____

Home phone _____

Secondary phone Work Cell Other _____

Email _____

- Individual Membership\$25
- Family Membership\$35
- Extended Family Membership\$45
- Associate Member\$50
- Supporting Member\$100
- Contributing Member\$250
- Patron\$500
- Student Membership.....\$15
must be 18+ and provide appropriate ID

Make checks payable to "Friends" and mail with membership form to: Friends, PO Box 1295, Morristown, NJ 07962-1295

Please write a separate check for membership, and do not combine with program registration fees.

For more information about membership call 973-326-7603, or visit www.arboretumfriends.org



As a member of The Friends of The Frelinghuysen Arboretum you can enjoy discounts at our Retail Partners. Please show your Friends' membership card at time of purchase.

Retail Partners Program

arboretumfriends.org

ATLOCK FARM

545 Weston Canal Road, Somerset
732-356-3373 atlockfarm.com
10% discount all non-sale merchandise

BACK TO NATURE HOME AND GARDEN

3055 Valley Road, Basking Ridge
908-350-7506 backtonature.net
10% discount all merchandise

BARTLETT TREE EXPERTS

1-877-BARTLETT bartlett.com
15% discount tree feeding

BLUE MOREL RESTAURANT & WINE BAR THE WESTIN HOTEL

2 Whippany Road, Morristown
973-451-2619 bluemorel.com
10% discount all food purchases

CONDORSOS GARDEN CENTER

96 River Road, Montville
973-263-8814 condorsos.com
10% discount regular retail price on all green goods. Not to be combined with other offers. Offer does not include gift certificate purchases or delivery charges.

COUNTRY MILE GARDENS

1108 Mt. Kemble Avenue, Morristown
973-425-0088 countrymilegardens.com
10% discount all non-sale merchandise

COVIELLO BROS.

245 Main Street, Madison
973-377-3055 coviellobros.com
10% discount all non-sale merchandise

THE FARM AT GREEN VILLAGE

403 Green Village Road, Green Village
973-377-8703
TheFarmAtGreenVillage.com
10% discount all plant material.
Not to be combined with other offers.

HALL'S GARDEN CENTER & FLORIST

700 Springfield Avenue, Berkeley Heights
908-665-0331 hallsgarden.com
10% off anything with a root. Not to be combined with other offers & excludes fresh flowers.

J&M HOME & GARDEN

201 Main Street, Madison
973-377-4740 jmhg.com
10% discount all plant material.
Not to be combined with other offers.

KUPERUS FARMSIDE GARDENS & FLORIST

19 Loomis Avenue, Sussex
973-875-3160 farmsidegardens.com
10% discount all plant material

METROPOLITAN FARM

119 Hickory Lane, Closter
201-767-0244 metropolitanfarm.com
10% off anything in store.
Not to be combined with other offers;
excludes fresh flowers.

METROPOLITAN PLANT EXCHANGE

471 Mt. Pleasant Avenue, West Orange
(locations also in Fort Lee and Paramus)
973-736-1997 metroplantexchange.com
10% off anything in store.
Not to be combined with other offers;
excludes fresh flowers.

MORRISTOWN AGWAY

176 Ridgedale Avenue, Morristown
973-538-3232 agway.com
10% discount plants & selected merchandise

NJ DEER CONTROL

PO Box 8365, Red Bank
1-855-DEER GUYS NJDEERCONTROL.com
10% discount for any subsequent applications. Not to be combined with other offers. Free Trial application.

PLANT DETECTIVES

45 US Highway 206, Chester
908-879-6577 plantdetectives.com
15% discount. Not to be combined with loyalty club discount.

POPLAR WOOD FARM, LLC

240 Mitchell Road, Mansfield
908-399-7655 poplarwoodfarm.com
10% discount on plants, does not apply to sale items. Note: Open to the public on Open Farm Days only. Please check website before visiting.

RARE FIND NURSERY

957 Patterson Road, Jackson
732-833-0613 rarefindnursery.com
10% discount all non-sale merchandise

STEVEN KRISTOPH NURSERY

9 Roberts Road, Millstone Township
732-446-1440 pstevenkristoph.com
10% discount on Azaleas,
Rhododendrons, Ornamental Trees,
Shrubs & Perennials

SUNNYSIDE GARDENS

35 Route 206, Stanhope
973-347-3010
sunnysidegardenandgifts.com
10% discount on plant purchase.
Not to be combined with other offers.

WELL-SWEEP HERB FARM

205 Mount Bethel Road, Port Murray
908-852-5390 wellssweep.com
10% off Tuesday-Thursday, May-September, excludes Special Event Days and sale items

WILLIAMS NURSERY

524 Springfield Avenue, Westfield
908-232-4076 williamsnursery.com
10% discount on all non-sale merchandise.