

# ADULT EDUCATION PROGRAMS

## GARDEN STROLLS

### WALK ON THE WILD SIDE

*Stefan Bloodworth, curator, or Annabel Renwick, horticulturist,  
Blomquist Garden of Native Plants, Duke Gardens*

Explore wild North Carolina in these seasonal walks through the Blomquist Garden of Native Plants on the first Thursday of every month.

1ST THURSDAYS, SEPT. 4, OCT. 2, NOV. 6, DEC. 4, JAN. 8, FEB. 5, 11 AM-NOON  
LOCATION: MEET AT THE BLOMQUIST GARDEN ENTRANCE  
PARTICIPANT LIMIT: 15 • FEE PER DATE: \$7; GARDENS MEMBERS \$5  
*Pre-registration required. Parking fees apply.*

### THE WOMEN OF DUKE GARDENS

Join us to walk the Gardens and learn of the many women who have shaped this garden treasure, beginning with Sarah P. Duke. Hear stories of the women who played a key role in the design and development of Duke Gardens, bringing their talents and energy to build the garden we enjoy today.

FRIDAY, SEPT. 19, 3-4 PM • PARTICIPANT LIMIT: 15 • FEE: \$7; GARDENS MEMBERS \$5  
*Pre-registration required. Parking fees apply.  
This topic is also available for groups to reserve for their preferred date. Please call 919-668-1707 for details.*

### WHO LIVES HERE?

Look at the Gardens from an animal's point of view. Where can you find shelter, food, and water? The Gardens provide these for birds, pollinators and a host of other creatures. Learn more about the web of life at Duke Gardens.

TUESDAY, OCT. 14, 3-4 PM • PARTICIPANT LIMIT: 15 • FEE: \$7; GARDENS MEMBERS \$5  
*Pre-registration required. Parking fees apply.  
This topic is also available for groups to reserve for their preferred date. Please call 919-668-1707 for details.*

### WALK THROUGH TIME AT DUKE GARDENS

From the opening of the first iris beds to the latest addition of the Japanese stream gardens, much has changed in 75 years. Join us to learn the history of Duke Gardens' development.

THURSDAY, FEB. 19, 2-3 PM • PARTICIPANT LIMIT: 15 • FEE: \$7; GARDENS MEMBERS \$5  
*Pre-registration required. Parking fees apply.  
This topic is also available for groups to reserve for their preferred date. Please call 919-668-1707 for details.*

# GARDENING & HORTICULTURE



EACH CERTIFICATE PROGRAM WILL BE IDENTIFIED BY THE FOLLOWING ICONS:



HOME HORTICULTURE CERTIFICATE PROGRAM



NATURE PHOTOGRAPHY CERTIFICATE PROGRAM

## PLANTS OF DISTINCTION: FALL & WINTER

Learn about spectacular plants that offer both beauty and functionality. Sign up separately for each session to learn about a new group of beautiful and useful plants, or take all four sections.

### GORGEOUS GRASSES

*Michael Owens, curator, Historic Gardens, Duke Gardens*

TUESDAY, SEPT. 9, 2:30-4 PM • FEE: \$7; GARDENS MEMBERS \$5



### FALL PLANTING IN THE VEGETABLE GARDEN

*Jason Holmes, curator, and Lindsey Fleetwood, horticulturist, Doris Duke Center Gardens, Duke Gardens*

TUESDAY, OCT. 7, 2:30-4 PM • FEE: \$7; GARDENS MEMBERS \$5



### BERRIES AND SEEDS FOR THE BIRDS

*Stefan Bloodworth, curator, Blomquist Garden of Native Plants, Duke Gardens*

TUESDAY, NOV. 4, 2:30-4 PM • FEE: \$7; GARDENS MEMBERS \$5



### HELLEBORES IN THE WINTER GARDEN

*Jason Holmes, curator, Doris Duke Center Gardens, Duke Gardens*

TUESDAY, FEB. 24, 2:30-4 PM • FEE: \$7; GARDENS MEMBERS \$5



LOCATION: DORIS DUKE CENTER

FEE TO REGISTER FOR ALL FOUR: \$24; GARDENS MEMBERS \$16

PARTICIPANT LIMIT: 15

*Home Horticulture Certificate elective course (1.5 hours each)*



# ADULT EDUCATION PROGRAMS

## SEEDS OF THE FUTURE

*Sara Smith, avid home gardener and Education Program registrar, Duke Gardens*

**New!**

Something as simple as saving seeds from heirloom plants helps to protect our future. Each seed is a reservoir of genetic diversity, giving our food and ornamental plants broad adaptations to a variety of conditions. Sara will work with you to discuss the process of seed harvesting, the methods to save seeds and then how to grow them for the next season. Each participant will harvest some heirloom seeds to take home.

THURSDAY, SEPT. 18, 6:30-8:30 PM

PARTICIPANT LIMIT: 25

FEE: \$15; GARDENS MEMBERS \$12

*Home Horticulture Certificate elective course (2 hours)*



## ORGANIC VEGETABLE GARDENING: Fall

*Andy Currin, avid vegetable gardener and campus horticulturist, Duke University*

The fruits of fall are tastier in part because we know that winter is on its way. Andy will discuss root crops, salad plantings, and other cool season crops. You will also learn how to prepare for winter and build your garden's capacity with cover crops and organic methods to feed your soil. Class includes indoor discussion and outdoor practice in the Charlotte Brody Discovery Garden. Class textbook included for those beginning this series.

3 TUESDAYS, SEPT. 23-OCT. 7, 6:30-8:30 PM

SATURDAY FIELD SESSION OCT. 4, 9:30-11:30 AM


PARTICIPANT LIMIT: 15

FEE: \$110; GARDENS MEMBERS \$90

*Home Horticulture Certificate elective course (8 hours)*



Look for this icon to identify NEW classes!  Everyone welcome in Certificate classes!

Look for this icon to identify Home Horticulture Certificate Program 

Look for this icon to identify Nature Photography Certificate classes 

## ZOOM IN SERIES

Explore plants from a “Zoom In” perspective. In this outdoor lab you will look at the architecture of a plant, learning what makes each unique. Learn to distinguish a variety of plants and how their particular forms help with their functions.

### ZOOM IN: BEECH AND OAK *Robert Thornhill, local plant ecologist*

What do beech and oak have in common? They are both members of the *Fagaceae* family. Join us for a brief field lab in which you will examine the structures, identifying features, and unique beauty of this family.

WEDNESDAY, OCT. 15, 5:30-7 PM

### ZOOM IN: GRASS FAMILY *Robert Thornhill, local plant ecologist*

Untangle the complex family of grasses in this brief field lab. Examine the structures, identifying features, and sturdy delicacy of the grass family while you practice using a plant key.

WEDNESDAY, OCT. 29, 5:30-7 PM

### ZOOM IN: WINTER BOTANIZING *Robert Thornhill, local plant ecologist*

The winter season is a beautiful time to identify plants. They are pared down to their essence and you can enjoy the bark and twig colors, the buds holding next year’s growth, and the seeds remaining from the previous growing season. Join us to examine the structures, identifying features, and wonder of the winter landscape.

SATURDAY, JAN. 31, 1-3 PM (SNOW DATE FEB. 7)

LOCATION: MEET AT THE DORIS DUKE CENTER

PARTICIPANT LIMIT: 12

FEE: \$15; GARDENS MEMBERS \$12.

*Home Horticulture Certificate elective course (1.5 hours each)*

*Nature Photography certificate optional course*



## GARDENING 101

*Hilary Nichols, garden manager, SEEDS*

Learn how to open and prepare a bed for planting, basic soil improvement strategies, how to select plants, and planting skills. Class will work in the Charlotte Brody Discovery Garden to see theory in practice.

2 SATURDAYS, OCT. 18 & 25, 9 AM-NOON

PARTICIPANT LIMIT: 15

FEE: \$90; GARDENS MEMBERS \$70

*Home Horticulture Certificate required course*



# ADULT EDUCATION PROGRAMS

## MEDICINAL PLANTS IN YOUR GARDEN

*Dr. Jeanine Marie Davis, associate professor of horticulture science and extension specialist, N.C. State University*

**New!**

Plants sustain this planet, providing food, shelter, energy and medicine. Human history is entirely built upon the success of plants; even today many people still depend upon plants as their primary source for medicine. Jeanine Davis' research and extension programs are dedicated to sustainable and organic production of medicinal and culinary herbs, vegetables and specialty crops. She will work with us to introduce a roster of medicinal plants that can be grown in your garden and discuss the research and use of each. The participants will have the opportunity to propagate a woodland botanical plant to take home and make a botanical product. All program materials and lunch included.

WEDNESDAY, OCT. 22, 9 AM-3 PM • FEE: \$65; GARDENS MEMBERS \$50. INCLUDES LUNCH  
*Home Horticulture Certificate elective course (5 hours)*



## LANDSCAPE PLANTS FOR NORTH CAROLINA GARDENS: Fall and Winter

*Jan Little, director of education and public programs, Duke Gardens*

Expand your palette of plants with information from this class. Each season this class covers another group of approximately 60 plants suitable for North Carolina gardens. You will learn identification skills and design use, and understand the culture of each plant. The fall program focuses on plants that shine in autumn and late-blooming perennial flowers. Winter introduces plant silhouettes and evergreens. Each student receives a digital portfolio of plant photos.

FALL SESSION: 4 THURSDAYS, OCT. 23-NOV. 13, 4-6 PM  
WINTER SESSION: 3 WEDNESDAYS, FEB. 18-MARCH 4, 3-5:30 PM  
PARTICIPANT LIMIT: 15 • FEE: \$110; GARDENS MEMBERS \$90  
*Home Horticulture Certificate required course*



## AN INTRODUCTION TO ENGLISH-STYLE GARDENS

*Annabel Renwick, horticulturist, Duke Gardens*

**New!**

An authentic English garden does not translate well into North Carolina conditions. But the strategies and design elements can be adapted to our landscapes. Annabel will introduce you to the use of definition, open ground and mixed borders in this lecture. Interested gardeners may also want to sign up for her follow-up workshop to sketch out an English-style garden for their landscape.

TUESDAY, OCT. 28, 6:30-9 PM • FEE: \$25; GARDENS MEMBERS \$20  
*Home Horticulture Certificate elective course (2.5 hours)*



Look for this icon to identify NEW classes! **New!** Everyone welcome in Certificate classes!

Look for this icon to identify Home Horticulture Certificate Program 

Look for this icon to identify Nature Photography Certificate classes 

## DESIGN STRATEGIES FOR AN ENGLISH GARDEN

*Annabel Renwick, horticulturist, Duke Gardens*

**New!**

Expanding upon the ideas introduced in the Introduction to English-style Gardens lecture, this workshop will allow you the opportunity to sketch out the basics of a plan for your landscape. The devices of definition, open ground and mixed borders will be refined with discussions of plant palette, the influence of light on color and right plant/right place approaches. Participants should plan to bring a drawing of the site they want to develop. No site should be larger than 75 x 75 feet.

3 TUESDAYS, NOV. 4-18, 6:30-9 PM  
FEE \$95; GARDENS MEMBERS \$90  
*Home Horticulture Certificate elective course (9 hours)*



## TUSSIE MUSSIE: The Victorian Language of Flowers Workshop

*Marie Butler, landscape coordinator, Virginia Zoo*

**New!**

In the Victorian era Tussie mussies were used to convey messages with plants. Those could be messages of friendship, romance, or disdain. Marie will give you a little history and then work with you to pull the practice into this century with simple ways to express yourself. Each participant will create his or her own Tussie mussie bouquet using plants, seed packets, grocery store herbs and sprigs of shrubbery, all gathered with a doily and a bow.

WEDNESDAY, NOV. 19, 10 AM-NOON  
PARTICIPANT LIMIT: 20  
FEE: \$40; GARDENS MEMBERS \$32

## HOLIDAY GREENERY

*Michelle Rawlins, horticulturist, and Beth Hall, plant records manager, Duke Gardens*

Make your own fragrant holiday display and bring nature indoors. Michelle and Beth will each create several evergreen swags or mantelpieces to demonstrate tips and techniques for turning greenery, colorful stems, berries and pods into scented holiday displays for your home. Each participant will then produce his or her own holiday swag to hang on a door or display on a mantel or table. All plant materials and ribbon will be supplied. Please bring a pair of hand pruners and any embellishments you would like to include.

SATURDAY, DEC. 6, 1-3 PM  
PARTICIPANT LIMIT: 20  
FEE: \$65; GARDENS MEMBERS \$55

# ADULT EDUCATION PROGRAMS

## THE GREEN GARDENER: A Homeowners Guide to Sustainable Gardening

*Jan Little, director of education and public programs, Duke Gardens*

Work with nature's systems in your garden—it's so much easier, and healthier! As a class we will review sustainable goals and methods involving soil health, water issues and drainage, land history, and existing plants. With the tools and methods discussed in class, you will assess your current landscape and develop a sustainability strategy for your home garden. Class materials developed by the U.S. Botanic Garden and the Lady Bird Johnson Wildflower Center. Participants should assemble information, photos, records, and plats of survey about their home and garden to bring to class.

5 WEDNESDAYS, JAN. 14-FEB. 11, 6:30-8:30 PM  
PARTICIPANT LIMIT: 15 • FEE: \$120; GARDENS MEMBERS \$95  
*Home Horticulture Certificate elective course (10 hours)*



## ORGANIC VEGETABLE GARDENING: Winter

*Andy Currin, avid vegetable gardener and campus horticulturist, Duke University*

Winter allows you time to slow down in the garden, evaluate the season and plan for next year. This class will focus on winter season strategies, including sowing of winter cover crops and extending your growing season with cold frames and other techniques. Class includes indoor discussion and outdoor practice in the Charlotte Brody Discovery Garden. Class textbook is included for those beginning this series.

3 TUESDAYS, JAN. 20-FEB. 3, 6:30-8:30 PM  
SATURDAY FIELD SESSION JAN. 31, 9:30-11:30 AM  
PARTICIPANT LIMIT: 15 • FEE: \$110; GARDENS MEMBERS \$90  
*Home Horticulture Certificate elective course (8 hours)*



## PLANTS WITH BENEFITS: An Uninhibited Guide to the Aphrodisiac Herbs, Fruits, Flowers & Veggies in Your Garden

*Helen Yoest, author and garden writer*

**New!**

Are some plants aphrodisiacs, or is that just a myth? Garden expert and plant detective Helen Yoest takes us on a romp through history, lore and ethnobotany. She explores a roster of 45 plants to uncover how they got their "hot" reputation, and what modern science has to say about it. Discover which common garden plants and favorite edibles have that "something extra," and why. Helen's latest book, "Plants with Benefits," is filled with lush photography, growing tips, and recipes for preparing teas, potions and tasty treats for your pleasurable use. Helen's book will be available for purchase and signing after the presentation.

TUESDAY, JAN. 27, 7-9 PM  
FEE: \$10; GARDENS MEMBERS \$8

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Look for this icon to identify Nature Photography Certificate classes 

## MUSHROOM LOGS

*Andy Currin, avid vegetable gardener and campus horticulturist, Duke University*

Enjoy fresh shitake mushrooms grown in your own garden! Each participant will be supplied with a 12" section of log, pre-drilled and ready to "plant" with mushrooms. Andy will take you through the process of seeding the log, sealing it with wax, and then maintaining it for the six months it will take to grow your first crop of mushrooms. Each log should produce mushrooms for several years.

SECTION A: SATURDAY, FEB. 7, 10 AM-NOON

SECTION B: SATURDAY, FEB. 7, 1-3 PM

PARTICIPANT LIMIT: 15

FEE: \$35; GARDENS MEMBERS \$30

## BASIC BOTANY AND PLANT GROWTH

*Alex Motten, associate professor, Duke University Department of Biology*

How does a plant grow? How does it manage water and nutrients? What factors influence the production of flowers and fruits? This course will explore these questions and more using a combination of lecture and hands-on approaches. Previous participants have commented that Alec's enthusiasm and skillful instruction make the topic come alive.

4 TUESDAYS, FEB. 10-MARCH 3, 6-9 PM

PARTICIPANT LIMIT: 15

FEE: \$130; GARDENS MEMBERS \$110

*Home Horticulture Certificate required course*



## CITIZEN SCIENCE AND CLIMATE CHANGE

*Tracy Feldman, ecologist and natural historian*

**New!**

What impact will climate change have on our lives? How might climate change affect plants and animals in our own backyards? This class will cover the basics of climate change and how the altered seasonal patterns will affect interactions between plants and animals. We will explore ways we can contribute to research on climate change through citizen science. Information collected by citizen scientists provides a wealth of crucial data for research. As a part of this class, participants will meet at two stunning local field sites to find spring ephemeral wildflowers and to practice data collection.

3 THURSDAYS, MARCH 12-26, 7-9 PM

2 SATURDAYS, MARCH 14 & 21, MEET AT FIELD SITES 9:30-11:30 AM

PARTICIPANT LIMIT: 12

FEE: \$120; GARDENS MEMBERS \$95

*Home Horticulture Certificate elective course (10 hours)*

*Nature Photography Certificate elective course (10 hours)*





# DURHAM GARDEN FORUM

An informal group independent of Duke Gardens, the forum meets once a month to enrich its members' gardening knowledge and skill. Sponsored in partnership with the N.C. Cooperative Extension: Durham County Center

**September 23**

## **BULBS IN THE LANDSCAPE**

*Lee Ivey, horticulture instructor, N.C. State University*

Fall is the time to plan and plant for next spring's bulb displays. Lee will introduce us to new bulb selections and give a few suggestions for planting combinations.

**October 21**

## **TEN MEDICINAL HERBS FOR THE HOME GARDEN**

*Dr. Jeanine Davis, associate professor and extension specialist, N.C. State University*

Jeanine Davis' research and extension programs are dedicated to sustainable and organic production of medicinal and culinary herbs, vegetables and specialty crops. Learn her picks for the top ten medicinal herbs.

**November 18**

## **I HAVE ELEPHANTS IN MY GARDEN, SO WHAT IS YOUR PROBLEM?**

*Marie Butler, landscape coordinator, Virginia Zoo, and N.C. State University graduate*

A humorous look at gardening challenges with recommendations for solutions.

**December 9**

## **CONTAINER GARDENING AROUND THE WORLD**

*Leanna Murphy Dono, Durham County Extension Master Gardener and avid container gardener*

On a whirlwind tour of container gardens Leanna will be certain to expand your ideas about what a container can be and how to combine plants for the best ornamental impact.

**January 20**

## **THE DYNAMICS OF PRUNING**

*Kevin Lilley, division manager, Landscape Services Department, City of Durham*

Learn about the internal engineering of plants and how pruning can assist a tree.

**February 17**

## **BULLETPROOF PLANTS: TOUGH NUTS FOR THE LANDSCAPE**

*Bryce Lance, a two-time Emmy Award winning television personality, retired horticulture instructor at N.C. State University and accomplished garden speaker*

Bryce is always a favorite and this time will cover those plants that endure despite tough conditions.

TUESDAYS, 6:30-8 PM

LOCATION: DORIS DUKE CENTER

LECTURE FEE: FORUM MEMBERS FREE WITH ANNUAL MEMBERSHIP.

\$10 PER MEETING FOR NON-MEMBERS PAYABLE TO DURHAM GARDEN FORUM.

For membership information, please email [durhamgardenforum@gmail.com](mailto:durhamgardenforum@gmail.com).

No pre-registration necessary. Parking is free



# EXTENSION GARDENER SERIES

## THURSDAYS IN SEPTEMBER EXTENSION GARDENER SERIES with Durham County Master Gardeners

*Sponsored in partnership with the N.C. Cooperative Extension Service: Durham County Center*

### **TURF • Thursday, Sept. 4, 6:30-8 pm**

*Charles Murphy, Master Gardener volunteer*

Grass is one of the most difficult plants to grow in our area and many of us struggle to achieve a beautiful lawn. Extension Master Gardener Charles Murphy will discuss optimal lawn care for our Piedmont climate and soil. He will introduce you to the best maintenance methods and untangle the confusing range of lawn care products.

### **RAIN GARDENS • Thursday, Sept. 25, 6:30-8 pm**

*Georganne Sebastian and Darcey Martin, Extension Master Gardener volunteers*

A rain garden allows water to percolate down into the ground slowly, recharging your ground water and minimizing the amount of soil and fertilizer that would otherwise be lost through runoff. Explore the beauty and functionality of rain gardens with Master Gardener volunteers Georganne and Darcey. They will discuss the where, why, how and wow of water conservation through residential rain gardens.

**LOCATION: DORIS DUKE CENTER**

*Free drop-in events. No parking fees after 5 pm. Registration requested at 919-668-1707*

### **Plant Information Booth**

Having trouble with a plant, pest, or pathogen? The Master Gardener Volunteers will be in the Gardens each Wednesday morning in September and October to answer all your questions about plants, gardening, insect pests or disease.

*Please see a complete schedule and more information at [durham.ces.ncsu.edu](http://durham.ces.ncsu.edu).*