



A.T. Michael MacDonald

Ellen Zachos,
Program Coordinator

THE GARDENING PROGRAM is designed to teach those with an interest in plants, their selection, care, and culture for home or small-scale residential design use. Pursue a Certificate in Gardening or enroll in individual courses. Courses are designed for students with no previous gardening experience up through those who have spent years

working with plants. Use the index provided on pages 76–77 to find the best gardening classes for you.

Instructors are gardening professionals, including Garden staff, authors, magazine writers, and nursery owners with extensive field and teaching experience.

The Program Coordinator is **Ellen Zachos**. A graduate of Harvard University, she received Certificates in Commercial Horticulture (tracks 1, 3, and 4) and Ethnobotany from the Garden. She teaches several Continuing Education classes, covering perennials, annuals, orchid care, garden maintenance, and tropical plants. Ellen is a garden writer and photographer, who has authored several books and numerous articles. Her company, Acme Plant Stuff, designs, installs, and maintains interior and exterior gardens in the New York area.

Special Program: Gardening in a Changing Climate

Friday, April 20 See page 5 for details.

Gardening for Beginners' Weekend Program

Two days of introductory classes and demonstrations for those who want to garden, but don't know where to begin, or for those who need a refresher on the basics. Study the demonstration gardens, specimen trees, and spring highlights on the Garden grounds—they are the perfect classrooms.

Saturday, April 14

A Firm Grounding

9 a.m.–12 p.m.

Mobee Weinstein

Start with the basics: how and why plants grow, why compost is important, what you can do to avoid pests and disease, why fertilizer works, and which tools are best for the job.

Annuals from A to Z

12:30–2:30 p.m.

Ellen Zachos

Annuals are increasingly popular on their own and they can be successfully mixed with perennials to fill in gaps and add splashes of color throughout the season. Learn how to grow and maintain old favorites and new varieties of annuals. Look at basic propagation techniques such as starting from seed and transplanting seedlings successfully.

A Primer on Perennials

2:45–4:45 p.m.

Ellen Zachos

Perennials are the most popular plants for the garden, returning year after year. Discover some of the best varieties for form, color, and season of bloom. Many are valued for their foliage as well as their flowers, making them beautiful even when past their bloom. Learn basic design concepts to create a garden that can be added to over time.

Sunday, April 15

Terrific Trees and Shrubs

9–11 a.m.

Michael Ruggiero

Learn how to choose plants that thrive in your garden's environment. We consider basic site evaluation—sun, rainfall, wind conditions, moisture levels, the pitch of the land, and options available for planting and maintenance.

Planting, Transplanting, and Pruning

11:30 a.m.–1:30 p.m.

Michael Ruggiero

Learn how to plant and transplant properly to get your garden off to a healthy start. Examine proper pruning techniques to shape ornamental trees and shrubs for good growth and bloom.

Soil Skills

1:45–3:45 p.m.

Mobee Weinstein

Once you know your soil, you are on the way to successful gardening. Learn the differences between sandy and clay-like soil, and alkaline, neutral, and acidic soils, and how they affect plant choice and growth. Find out how to work with a variety of soil conditions and how to modify them if necessary.

Summary, Question and Answer Period

3:45–4:15 p.m.

Mobee Weinstein

\$202 non-members, \$181 members
Please bring lunch both days.

SP GAR 100 Saturday, April 14,
9 a.m.–4:45 p.m. & Sunday, April 15,
9 a.m.–4:15 p.m., Rm. 302

Generous support for Home Gardening programs has been provided by Kenneth and Ellen Roman.

Official Sponsors of Home Gardening



To register, or for more information, call 718.817.8747.

Gardening: *Special Saturday Programs*

NEW! Native Plants Saturday: *March 31*

Native Plants are all the rage, and with good reason. Many native American annuals, perennials, shrubs, and trees make superb garden plants; they often require minimal maintenance and offer excellent pest and disease resistance. Learn how to choose the right native plants for your garden, then discover a variety of woody and herbaceous species, including evergreens and deciduous plants. Consider plant combinations, learn which invasive plants are threats to the native ecology, and explore the care and maintenance of your native plant garden. Participants select as many as three from six topics on this new special day.

Saturday, March 31, 10 a.m.–12 p.m.

Native Trees and Shrubs

Native North American trees and shrubs include some wonderful garden plants. Learn about the ornamental value, culture, and maintenance of native evergreen and deciduous woody plants. Consider flowering trees and shrubs, plants with ornamental bark and foliage, and plants for attracting wildlife into the garden. Sun or shade, moist soil or dry, there's a native woody for you.

Vincent Simeone is the Director of Planting Fields Arboretum in Oyster Bay, Long Island and a horticultural consultant. His latest book is *The Wonders of the Winter Landscape—Shrubs and Trees to Brighten the Cold-Weather Garden*.

WI GAR 202 Section A: 10 a.m.–12 p.m.

American Woodland Natives

Discover the bounty and variety of our native northeastern woodlands! Explore how shade-tolerant perennials, ferns, bulbs, and ephemerals provide year-round interest and how they are best suited for use in an urban garden setting. Students learn the life cycle, cultural requirements, and ornamental value of these often overlooked backyard natives.

Ulrich Lorimer is Curator of Native Plants at the Brooklyn Botanic Garden. A graduate of the University of Delaware Plant Science Department, he has nurtured a lifelong passion for native woodlands and their plant communities.

WI GAR 202 Section B: 10 a.m.–12 p.m.

12:30–2:30 p.m.

Gardening with Native Orchids in the Northeast

Did you know that you can grow orchids not only in your home but also in your garden? This presentation gives gardeners and orchid enthusiasts an introduction to successfully growing terrestrial orchids native to the northeastern U.S. Several different species are covered in detail. Learn about upland, wetland and transition species, then discover what soil amendments, soil mixes, fertilizer use, and watering requirements are recommended for each group.

William Mathis, Ph.D., who has a MS in botany and Ph.D. in agronomy, started The Wild Orchid Company, which produces and sells a variety of terrestrial orchids, and in 2005 he wrote *The Gardener's Guide to Growing Hardy Perennial Orchids*.

WI GAR 202 Section C: 12:30–2:30 p.m.

Native Meadow and Prairie Plants

Unravel the exquisite mosaic of our native meadows and prairies! Learn how these sun-loving, drought-tolerant wildflowers and grasses can enliven any garden whether in the city or in the country. Students examine how meadows that attract wildlife and conserve water are a low-maintenance alternative to turf-grass.

Ulrich Lorimer See previous description.

WI GAR 202 Section D: 12:30–2:30 p.m.

Fee for each session:

\$31 non-members, \$28 members

Attend all three sessions and receive a 10% discount.



Native lily

Lorraine Swindells

2:45–4:45 p.m.

Landscaping with Native Plants

Create a native ecology in your own backyard. The home garden offers an excellent opportunity to integrate native annuals, perennials, trees, and shrubs into your personal landscape. Learn which plants work well together, and why these plants are sensible and exciting (yes, both!) choices for residential landscapes. Follow several projects from beginning to end for a thorough understanding of how to create a natural garden.

Ian Caton is a landscape designer with Larry Weaner Landscape Design. He has extensive knowledge of native plants and natural communities, gained primarily through his long running relationship with Bowmans Hill Wildflower Preserve.

WI GAR 202 Section E: 2:45–4:45 p.m.

Invasive Plants:

Avoiding a Jungle in Your Garden

Invasive exotic plants are a huge threat to our native ecology, causing habitat destruction for native plants and animals alike. Learn what makes a plant invasive, which plants to avoid, and how to get rid of invasives that may already have taken hold in your garden.

Carol Levine is author of *A Guide to Wildflowers in Winter*. She holds a MA in biology education from Fairfield University and currently serves on the board of the Bartlett Arboretum in Stamford, Conn.

WI GAR 202 Section F: 2:45–4:45 p.m.

NEW! Contain Your Enthusiasm

Just because you don't have acres of land doesn't mean you can't have a garden! This new Saturday program addresses the use of containers to punctuate any landscape with color and form: deck, rooftop, stoop, backyard, or even a window box. With the right combination of plants and planters, containers have great visual impact. Sun or shade, ornamental or edible, tropical or year-round, find out what kind of container garden is best for you. Participants select as many as three from six topics.

Saturday, April 28, 10 a.m.–12 p.m.

Containers for Shady Places

A wide range of plants thrive in shady conditions. Use them to produce a vivid container display throughout the seasons. Discuss vibrant, long-lasting combinations of flowers and foliage in eye-catching planting arrangements.

Duncan Himmelman holds a Ph.D. in ornamental horticulture from Cornell and has over 20 years experience in practicing and teaching horticulture.

SP GAR 200 Section A: 10 a.m.–12 p.m.

Trees and Shrubs in Containers

Believe it or not, many trees and shrubs make excellent container plants. Learn which woody plants grow well in containers, and how to care for them in a containerized landscape. Gain knowledge of light-weight potting mixes, fertilization, and drainage material for large container plants.

Ellen Zachos is the coordinator of the Gardening Program at the Botanical Garden and the author of several gardening books. Her latest book *Down & Dirty*, a new collection of projects for first time gardeners, was published in January 2007. Her company, Acme Plant Stuff, designs, installs, and maintains interior and exterior gardens in the New York area.

SP GAR 200 Section B: 10 a.m.–12 p.m.

12:30 –2:30 p.m.

Succulents in Pots

Succulents are well suited for growing in pots, where soil mix can be customized for special needs such as sharp drainage. They do well in hot sun when other plants might wilt. Discover the wide variety of forms and foliage available for the home grower. Also discuss the specific cultural needs of succulents and ways to overwinter them.

John Beirne, a horticultural and garden design consultant, runs a horticultural therapy program at New Bridge Services, Inc., where he designed a garden with a combination of tropicals, cacti, and succulent plants. John's former home garden has been featured in *The New York Times* and Ken Druse's book *A Passion for Gardening*.

SP GAR 200 Section C: 12:30–2:30 p.m.

Perennials in Containers

Not all perennials thrive in containers. Discover which plants are best suited to container growing on the patio, deck, or in the garden. Learn about plants for sun and shade, and consider perennial plant combinations for maximum impact. The instructor shares her maintenance tips for keeping perennials healthy and happy in their containers.

Ellen Zachos See previous description.

SP GAR 200 Section D: 12:30–2:30 p.m.

Fee for each session:

\$31 non-members, \$28 members
Attend all three sessions and receive a 10% discount.



Lorraine Swindells

Container with a variety of annuals

2:45–4:45 p.m.

Tropicals in Containers

Turn your garden into a tropical paradise with tropical plants in containers. Learn about tropicals that thrive as annuals in our climate and how to overwinter plants. Other topics include basic care of tropical plants and specialized needs of these plants in containers.

John Beirne See previous description.

SP GAR 200 Section E: 2:45–4:45 p.m.

Veggies and Herbs in Containers

Learn how to grow garden-fresh vegetables and herbs in containers. This class examines which varieties grow best in containers and how to care for them. Learn to start veggies and herbs from seed, and how to propagate herbs from cuttings and divisions. Also, consider varieties that not only taste great but are attractive, with interesting or unusual blooms and foliage.

Melanie Menachem-Riggs is the principal of her own landscape design firm, which specializes in designing and installing residential landscapes in Westchester, N.Y. She has grown vegetables in her backyard for the last 20 years and regularly experiments with new varieties and techniques.

SP GAR 200 Section F: 2:45–4:45 p.m.

Courses of Related Interest:

Containers in the Border

SP GAR 261, pg. 51

Windowboxes and Planters Year-Round

SP GAR 271, pg. 51

Hardy Ferns and Allies for the City Garden

SP GAR 273, pg. 52

Gardening: *Special Saturday Programs*

All About Roses, *June 23*

The award-winning Peggy Rockefeller Rose Garden serves as an inspiration for this full day of varied classes about roses. Enjoy the stunning display of more than 3,000 rose plants, from exquisite antique roses to modern hybrid teas, floribundas, and shrub roses. Learn how to select and grow your own roses. Participants select as many as three from six topics.

Saturday, June 23, 10 a.m.–12 p.m.

Organic Rose Growing

This popular class draws on the instructor's experience which proves you don't need heavy-duty chemicals to grow beautiful roses. Learn time-tested methods of natural rose culture (planting, feeding, pest control, etc.) along with tips on pruning and winter protection. Included are recommendations for the most disease-resistant, fragrant roses for organic gardens as well as mail-order sources.

Eva Monheim is a garden writer, lecturer, horticultural consultant, and instructor at Temple University. She holds a BS in Horticulture and has presented rose classes for The Pennsylvania Horticultural Society's City Gardening Program.

SP GAR 166 Section A: 10 a.m.–12 p.m.

NEW! Roses from A to Z

What's the difference between a Hybrid Tea and a shrub rose? Can you tell a 'Grandiflora' from a 'Floribunda'? Learn about different types of roses, how to care for them, and how to use them in the landscape. Why do grafted roses need special treatment and how do you know if you have a grafted rose?!

Michael Ruggiero, former Senior Curator in the Horticulture Department, was in charge of the Garden's rose collections for 27 years. Responsibilities during his tenure included planting and rose culture of the Peggy Rockefeller Rose Garden. In his current position at Matterhorn Nursery he helped establish the new David Austin Rose Garden. He is a long-time instructor at the Garden teaching several plant identification courses.

SP GAR 166 Section B: 10 a.m.–12 p.m.

12:30–2:30 p.m.

NEW! Rose Pruning: The Kindest Cut

Thinning out, heading back, and selective pruning are techniques that encourage roses to produce an abundance of bloom. The right tools, techniques, and plants are all you need to succeed. Students learn secrets of rose pruning and discover that roses are not as difficult to care for as most people think!

Eva Monheim See previous description.

SP GAR 166 Section C: 12:30–2:30 p.m.

NEW! Rose Growing Basics

So you want to have a rose garden? Learn how to do it right, from the ground up. Students explore soil preparation, cultural requirements (light, water, fertilization, pest and disease control, etc.), and some of the best and easiest roses to begin with. Make a smart start by adding some easy growing roses to your garden.

Peter Kukielski is Curator of the Peggy Rockefeller Rose Garden and Rose Collections at the Botanical Garden. Peter came to New York from Atlanta, Georgia where he owned and operated "The Rose Petaler, Inc."

A featured designer at Atlanta Decorator Showcase Homes, he has been published in *Atlanta Homes and Lifestyles* and *Better Homes and Gardens*.

SP GAR 166 Section D: 12:30–2:30 p.m.

Fee for each session:

\$31 non-members, \$28 members
Attend all three sessions and receive a 10% discount.



Roses in bloom

Kay Wheeler

2:45–4:45 p.m.

NEW! The Next Step with Roses

You've succumbed to the charms of the rose and now you want more! This class is for students who know the basics and want more information about specific roses. Bring your questions for personal, expert answers. Weather permitting, half the class is spent in the Rose Garden, where students learn by example.

Peter Kukielski See previous description.

SP GAR 166 Section E: 2:45–4:45 p.m.

NEW! Superlative Roses

With so many wonderful roses, how do you choose the plants best-suited to your garden? Are you crazy about scent? Do you crave repeat bloom? Do you want your flowers to last an extra long time? Learn which roses smell the sweetest, last the longest, and are the hardiest, then make superlative choices for your garden.

Michael Ruggiero See previous description.

SP GAR 166 Section F: 2:45–4:45 p.m.

Courses of Related Interest

The Rose

SP FLO 441, pg. 37

The Mixed Border

SU GAR 186, pg. 48

The Rose Demystified

SP GAR 211, pg. 49

Organic Flower Gardening and Pest Control

SU GAR 323, pg. 54

Tree Care for the Home Landscape

Learn the essentials of tree care for the home landscape. Determine the health and future of your trees. This intensive, two-hour class focuses on planting, irrigation, pruning, and fertilization and changes the way you think about tree care. Please dress for the outdoors.

\$39 non-members, \$35 members

Scott Wylie, MBA

SU GAR 103 Saturday, July 28,
10 a.m.–12:30 p.m., Rm. 230

Drip Irrigation for Containers

Tired of constantly having to deal with watering your container plants all summer long? Learn how to make watering a cinch with a drip irrigation system. This class will explain how drip irrigation saves time and money, and how to purchase, install, and maintain it throughout all four seasons. Please bring lunch.

\$62 non-members, \$56 members

Chris Staeger

SU GAR 127 Saturday, July 21,
10 a.m.–2:30 p.m., Rm. 312

Home Landscape Makeover

Good landscaping adds value to your property, but many homeowners forget that like everything else about the house, landscapes need to be renovated and updated. Learn how to renovate your trees and shrubs and successfully recycle plant material within the garden. Topics include how to thin large trees, prune or transplant overgrown shrubs, redesign beds and walkways, and where to strategically add new plant material.

\$47 non-members, \$42 members

B.B. Stamats

SP GAR 129 Thursday, May 24,
10 a.m.–1 p.m., Rm. 302

Annuals for the Home Garden

You could fill an entire garden bed with annuals and include a vast range of colors, shapes, and sizes. These plants perform all season long, from frost to frost, and never complain. Learn how to start your own annuals from seed and cuttings. Explore foliage annuals, annuals grown for their flowers and scent, annuals you can eat, groundcover annuals, and annuals that tower above the head of the average man. Please bring lunch.

\$62 non-members, \$56 members

John Beirne

SU GAR 135 Section A: Saturday, July 21,
10 a.m.–2:30 p.m., Rm. 302

Section B: Saturday, Aug. 18,
10 a.m.–2:30 p.m., Flat Rock Brook
Nature Center, Englewood, N.J.

Plant Profiles with Sarah Carter

Sarah Carter is the Curator of Herbaceous Plants and Outdoor Gardens at the Botanical Garden. She holds a BS in Horticulture from Berry College, Ga., and spent a year studying horticulture at the University of Reading, England.

Plant Profiles: Daffodils

Over 100,000 daffodils grace the grounds of The New York Botanical Garden, one of the country's finest collections of *Narcissus*. Learn about different divisions of daffodils, from rare miniature species to roadside warriors like 'Carlton' and 'Ice Follies.' The class includes a tour of the grounds, highlighting combination planting, fragrant types, heirloom species and cultivars, as well as new developments in daffodil breeding.

\$47 non-members, \$42 members

Sarah Carter

SP GAR 144 Saturday, April 14,
10 a.m.–1 p.m., Rm. 102

NEW! Plant Profiles: Peonies

The sumptuous bloom of a fragrant double peony is a sight to behold. Hardy, long-lasting stalwarts, peonies offer both constancy and sensual indulgence. Learn about different types of peonies, from single flowered through fully formed doubles, and how to plant, divide, and care for them in the garden. Tour the Peony Border and sink your face into a pillow of petals.

\$47 non-members, \$42 members

Sarah Carter

SP GAR 145 Saturday, May 19,
10 a.m.–1 p.m., Rm. 102



Peony

Cathy Brueger

Plant Profiles: Tulips

Discover the 15 major types of tulips and you will have them flowering all spring. Learn tricks from a professional how to perennialize tulips in your garden and combination plantings. Explore which varieties are best for long-lasting blooms, extra long stems, fragrance, and cuisine. Witness the spectacle of 34,000 tulips in all their glory.

\$47 non-members, \$42 members

Sarah Carter

SP GAR 147 Saturday, April 28,
10 a.m.–1 p.m., Rm. P201

The Deer-Resistant Landscape

Drawing upon 30 years of evaluating a wide range of popular and exotic, ornamental woody plants, Brad Roeller highlights trees and shrubs that are inherently resistant to deer browsing. Discover the latest information available about deer repellents and other proven methods of discouraging deer. Learn environmental and biological factors that influence deer and their choice of food.

\$47 non-members, \$42 members

Brad Roeller

WI GAR 139 Section A: Saturday,
March 10, 10 a.m.–1 p.m., Rm. 102

SP GAR 139 Section B: Saturday, April 21,
10 a.m.–1 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

NEW! Maintaining Containers Year-Round

Planning and planting containers is only the beginning. This special way of gardening requires special maintenance techniques. This course covers how and when to repot, deadhead, prune, and fertilize your container plants as well as essentials for winterizing and pruning techniques for growing standards, topiaries, and trellis plantings. Please bring lunch.

\$62 non-members, \$56 members

B.B. Stamats

WI GAR 140 Saturday, March 10,
10 a.m.–2:30 p.m., Rm. 302

NEW! Ideas and Time Savers for the Resource Minded Gardener

Drawing on decades of experience in gardening, Walter Chandoha presents useful and simple ideas for every day for gardeners and homeowners who are concerned about wasting resources, whether time, money, or materials, which could be recycled. Learn about garden basics such as watering, seed starting, mulching, tools, and dealing with bugs and techniques for staking in order to earn your reward: more time and money and a contribution to our environment.

\$38 non-members, \$34 members

Walter Chandoha

SP GAR 141 Saturday, May 19, 1–3:30 p.m., Rm. 312

The Exuberant Summer Garden

Put them in pots, grow them in the ground, pair them with perennials. Tender tropical perennials, summer bulbs, and select annuals offer options and possibilities for a summer garden extravaganza. Creative ideas for the seasonal summer garden allow for the playful use of come-and-go plants never intended as permanent additions to your landscape (many of which can spend the winter asleep in a garage or basement). Please bring lunch.

\$62 non-members, \$56 members

Judy Glattstein

SP GAR 142 Wednesday, May 23, 10:30 a.m.–3 p.m., Rm. 302

Rock Gardening for Beginners

Learn about the various types of rock gardens and alpine and mountain plants, including woodland plants. See how these habitats are adapted for small home gardens. See how troughs are used to create focal points and to provide ideal conditions for growing difficult plants. Also, learn about dwarf conifers, shrubs and trees, soil mixes, propagation, and sources for plants and materials.

\$31 non-members, \$28 members

John Bieber

SP GAR 143 Saturday, May 5, 10 a.m.–12 p.m., Rm. 230

Companion Planting for a Healthy Garden

Learn to grow certain plants, singly or together, to deter disease and/or repel insects. Thirty different plants, including herbs, are discussed along with techniques to improve growth, scent, and flavor of flowers, fruits, and vegetables. Learn about encouraging beneficial insects in the garden. Slides illustrate how plants are combined in the design of the garden. Please bring lunch.

\$62 non-members, \$56 members

Kathrine Neville

WI GAR 149 Wednesday, March 21, 10 a.m.–2:30 p.m., Rm. 230

Low Maintenance Gardening

Learn to choose plants that look attractive with little attention and require only minimum watering, pruning, and deadheading. See which annuals and perennials flower for a long period of time. This introductory course shows you which low maintenance plants are best suited for your garden. Please bring lunch.

\$62 non-members, \$56 members

Melanie Menachem-Riggs

SP GAR 150 Section A: Thursday, April 19, 10 a.m.–2:30 p.m., Garden Education Center of Greenwich, Cos Cob, Conn.
Section B: Thursday, May 17, 10 a.m.–2:30 p.m., Rm. 302

Annuals for Three Seasons of Color

Annuals can be used to add color to spring bulb displays, fill gaps in the summer garden, and extend fall bloom. While perennials flower for a short period, most annuals are non-stop bloomers when given the proper care. From the tiny sweet alyssum or the gigantic, fragrant flowers of the moonflower vine to the great cut flowers of zinnias and sunflowers, discover the versatile world of annuals. Please bring lunch.

\$62 non-members, \$56 members

Kathrine Neville

SP GAR 154 Wednesday, May 2, 10 a.m.–2:30 p.m., New Canaan Nature Center, New Canaan, Conn.

Designing and Planting Your City Garden

Dreaming of your own urban paradise, but not sure how to make it a reality? Linda Yang, author of *The City Gardener's Handbook*, discusses and illustrates with slides how to analyze the space and light conditions you have—both the good and the bad—and then select the trees, shrubs, and flowers that thrive on your balcony, terrace, rooftop or yard.

\$39 non-members, \$35 members

Linda Yang

WI GAR 158 Wednesday, March 28, 10 a.m.–12:30 p.m., 312

Bringing Wildlife into the Garden

Would you like to turn your yard into a wildlife sanctuary? Learn how to attract the wildlife you enjoy. The focus is on plant selections, habitat development, and enticements. Students work on a planting plan for a specific garden space. Discussions include concrete suggestions for coexisting in the garden with the wildlife that surrounds you.

\$47 non-members, \$42 members

Kathrine Neville

SP GAR 161 Saturday, April 21, 10 a.m.–1 p.m., Rm. 302

Shrubs in the Perennial Garden

Learn about standards and unusual shrubs to integrate into mixed borders or perennial garden designs. Discussions of each shrub include ornamental attributes, growing recommendations, and attractive design combinations. Class includes a slide lecture and a tour of the grounds. Please bring lunch.

\$62 non-members, \$56 members

Liz Innvar

SP GAR 163 Tuesday, June 5, 10 a.m.–2:30 p.m., Rm. 302

The Independent Garden

Learn about plants which, once established, don't require frequent watering. These are ideal for gardeners who must leave their gardens untended for a period of time. Perhaps you have a weekend home or simply like to travel. By choosing drought-tolerant plants, enjoy your garden when you're home, instead of being chained to your watering wand. With unique forms, foliage, and flowers, these prize plants are low maintenance, beautiful, and rewarding. Please bring lunch.

\$62 non-members, \$56 members

Brad Roeller

SU GAR 165 Saturday, July 14, 10 a.m.–2:30 p.m., Rm. 312

Courses at **Stone Barns Center for Food and Agriculture** focus on gardening, with an emphasis on organic and ecological practices. See page 9 for class listings.

The Art of Cottage Gardening

Whether a terrace, rooftop, or nook tucked into a corner of a backyard, cottage gardening can transform a space into an exuberant, colorful, and fragrant place. Taking its elegance and classic design from England, American cottage gardening has its own style, choice of plants, and attitude. After viewing slides of local cottage gardens, from the surprisingly formal to the purely simple, study the design concepts, and techniques. Explore planting possibilities, including small trees, shrubs, evergreens, annuals, perennials, and wildflowers. Please bring lunch.

\$86 non-members, \$77 members

Jane Brook Barba

SP GAR 167 Section A: Thursday, May 3, 9:30 a.m.–3:30 p.m., Garden Education Center of Greenwich, Cos Cob, Conn.

SU GAR 167 Section B: Saturday, July 28, 9:30 a.m.–3:30 p.m., Rm. 302

Composting and Environmental Yard Care

Non-toxic yard care not only improves your garden and lawn, but also is safer for your family's health. Start with compost: learn what and how to compost, and how to use the rich and fertile results to improve soil. Then, examine methods for growing and maintaining healthy, beautiful lawns. Learn how to reduce chemicals, resolve pest and disease problems, discover the benefits of native plants, and how to conserve water in your yard. Please bring lunch.

\$62 non-members, \$56 members

Gray Russell

SP GAR 168 Saturday, April 28, 10 a.m.–2:30 p.m., Flat Rock Brook Nature Center, Englewood, N.J.

Getting Started with Perennials

Perennials create a lasting foundation for our flower gardens. Learn how to start a perennial garden. Explore soil preparation, plant selection, care, and maintenance. Learn elements of design and discover the most dependable perennials for lower maintenance and long-term beauty. Please bring lunch.

\$62 non-members, \$56 members

Kathrine Neville

WI GAR 171 Section B: Saturday, March 17, 10 a.m.–2:30 p.m., New Canaan Nature Center, New Canaan, Conn.

Liz Innvar

SP GAR 171 Section A: Tuesday, May 8, 10 a.m.–2:30 p.m., Rm. 302

Three Courses on Ponds and Water Gardens

NEW! Ponds 101

Learn basic pond construction techniques and tips that give you an edge building and maintaining your pond. Students learn about the differences between a water garden and a Koi pond, how to incorporate the essence of water into your landscaping, and get an overview of the industry's newest equipment and construction materials.

\$31 non-members, \$28 members

Charles Ruby

SU GAR 189 Saturday, Aug. 11, 10 a.m.–12 p.m., Rm. 302

NEW! Ponds: Beyond the Basics

Make your pond truly spectacular by giving it a designer touch. Learn to incorporate fountains, streams, waterfalls, bridges, sculpture, and dry stream beds, to create a one-of-a-kind masterpiece. Each student goes home with a personally designed water feature and the class ends with an extensive Q&A.

\$31 non-members, \$28 members

Charles Ruby

SU GAR 190 Saturday, Aug. 11, 1–3 p.m., Rm. 302

Charles Ruby is the Executive Vice President of Mid-Atlantic Koi Club, has authored numerous pond-related articles, and has more than 20 years of water gardening experience.

Make the most out of your day and take both courses.



Waterfall in the Rock Garden

Lorraine Swindells

Landscape Your Water Garden

You have built your pond, and you have your fish, but something is still missing... what about the plants?! No water garden is complete without landscaping and there's a wide selection of plant material to choose from. Learn about exotic tropicals and native wetland plants for a variety of water gardens, as well as how to establish the proper balance between fish and plants.

\$47 non-members, \$42 members

SU GAR 192 Saturday, Aug. 18, 10 a.m.–1 p.m., Rm. 302

Jay Archer has more than 10 years of water garden expertise. He has designed and installed earth ponds, masonry ponds, liner streams, and waterfalls. Jay lectures frequently on both water garden construction and landscaping with wetland plants.

Biblical Plants and Herbs

The Old and New Testaments are richly illustrated with herbal references, offering historic symbolism and practical uses for such a diverse and beneficial group of plants, flowers, and herbs. Most remain highly valued today and can be grown in your own biblical garden. Whether you are fascinated by their meaning, charmed by their beauty, or looking for spiritual significance, these plants are worth discovering. Please bring lunch.

\$62 non-members, \$56 members

Donna Gerbosi-DiFulvio

WI GAR 174 Saturday, March 24, 10 a.m.–2:30 p.m., Rm. 315

Plant Combinations:

Using Annuals with Perennials

Annuals and perennials are usually separated in both large and small gardens, but you can maximize a colorful display over a long season by mixing the two. Learn the best varieties to use, both common and unusual, and how to combine them successfully for great border effects. Tour the annual and perennial beds on the Garden grounds. Please bring lunch.

\$62 non-members, \$56 members

Kathrine Neville

SP GAR 178 Section A: Wednesday, May 16, 10 a.m.–2:30 p.m., Rm. 302

Section B: Tuesday, June 19, 10 a.m.–2:30 p.m., New Canaan Nature Center, New Canaan, Conn.

Two Courses with Native Plant Expert Larry Weaner

Well-known landscape designer **Larry Weaner** of Larry Weaner Landscape Design, will be teaching two new courses this year. Larry Weaner has been focusing on native gardens for more than 20 years. He is a past Board Member of the Association of Professional Landscape Designers and lectures widely throughout the U.S.



Larry Weaner Landscape Design

An intricate, dense tapestry of wildflowers and ferns inhibits weeds and provides a beautiful woodland groundlayer.

NEW! Water in the Landscape

Water can be viewed as both a problem and an asset in the landscape. Unappealing storm-water solutions often occupy the same property as a beautiful garden pond. Learn how to combine these elements through the use of planted ponds, swales, and rain gardens, in a manner that enhances the landscape on a functional and a visual level. Please bring lunch.

\$62 members, \$56 non-members

Larry Weaner

SP GAR 197 Tuesday, June 12, 10 a.m.–2:30 p.m., Rm. 302

NEW! Designing in Layers: Creating a Native Woodland Garden

Examine a series of case studies to understand the process of creating a native garden in the woods, including design, invasive plant control, planting, and management. Learn how to combine the plants, patterns, and processes of our native forests with the creative impulses of the garden's designer. Please bring lunch.

\$62 members, \$56 non-members

Larry Weaner

SU GAR 199 Thursday, July 26, 10 a.m.–2:30 p.m., Rm. 102

Border Basics for Beginners

An aesthetic combination of plants in a well-sited border is a pleasure in all seasons. In this class, learn where to put a flower bed; how to determine whether you have sun or shade; how to lay out the bed and prepare the soil, what to plant, and how to put it all together. *This class is a recommended prerequisite for A Perennial Border for All Seasons—GAR 180.*

\$31 non-members, \$28 members

Brid Craddock

SP GAR 179 Saturday, June 9,
10 a.m.–12 p.m., New Canaan Nature Center,
New Canaan, Conn.

A Perennial Border for all Seasons

Perennials are a constant but ever-changing presence in the garden. The gardener's challenge is to combine a variety of herbaceous plants and a few shrubs into a living collage. The first step is understanding nature's geometry to provide structure in a perennial border. Learn the "checkerboard theory" of design and how to use strong plant shapes to create an effective four-season garden. *Recommended Prerequisite: Border Basics for Beginners—GAR 179, or at least three years of gardening experience.*

\$47 non-members, \$42 members

Brid Craddock

SP GAR 180 Saturday, June 23,
10 a.m.–1 p.m., New Canaan Nature Center,
New Canaan, Conn.

Redesign Your Existing Garden

Do you want to redesign your garden? Does your existing landscape have a collection of beautiful plants that lack a cohesive design style? Join us for a look at some of the best techniques used by designers to coordinate a landscape design. Discuss imaginative ways in which you can create a new design for an existing landscape. Please bring lunch.

\$62 non-members, \$56 members

Melanie Menachem-Riggs

SP GAR 181 Tuesday, May 8,
10 a.m.–2:30 p.m., Rm. 312

The Mixed Border

Not just another perennial garden, the mixed border also makes use of shrubs, vines, annuals, and bulbs. Woody plants add scale and winter interest. Bulbs and annuals extend the season of bloom, climbers add a vertical element; in combination they create a sophisticated garden that is pleasing to the eye throughout the season. Please bring lunch.

\$62 non-members, \$56 members

Kathrine Neville

SU GAR 186 Saturday, July 28,
10 a.m.–2:30 p.m., Rm. P201

Special Program:
**Outside the Box: Planting Design
Ideas with Tom Stewart-Smith**

Friday, March 30 See page 5 for details.

Cultivating Endangered Plants

Many of our beloved wildflowers and native medicinal plants are endangered in the wild. Echinacea, Goldenseal, Black Cohosh, and Trillium are all declining in the environment due to overzealous harvesting and habitat destruction. Many of these wonderful plants can be introduced into your home landscape. Learn cultural requirements, propagation techniques, how to legally obtain seeds and seedlings, conservation status, and use of alternate species. Please bring lunch.

\$62 non-members, \$56 members

Leah W. Kennell

SU GAR 198 Saturday, Aug. 18,
10 a.m.–2:30 p.m., Rm. 315

Edible Flowers

When you're planning your garden, why not choose plants that do double duty? Discover flowers that are not only beautiful in the landscape but edible as well. Learn which blooms can be eaten and how to use them in cooking or as garnishes. You'll taste a few edible flower dishes specially prepared for this class, and come away with new recipes.

\$44 non-members, \$40 members
(Includes a \$5 materials fee)

Leda Meredith

SP GAR 203 Saturday, June 2,
10 a.m.–12:30 p.m., Rm. 302

Irises

This much-loved genus of plants includes hundreds of species and thousands of cultivars in a spectacular range of form and color. This class focuses on the best iris for garden situations and naturalizing, in both moist and dry conditions. Students learn about various classes of iris, including outstanding heirlooms and new introductions, as well as about potential pests and problems, iris display gardens, iris societies, and specialist suppliers. We'll also cover instructions for establishing iris, and for dividing and renewing old plantings.

\$31 non-members, \$28 members

Deirdre Larkin

SP GAR 206 Tuesday, May 22,
10 a.m.–12 p.m., Rm. 230

Daylilies Go with Everything

Daylilies are the delight of experienced gardeners and the answer to a beginner's prayer. After a bit of daylily history, a slide lecture will portray the many shapes and forms that make daylilies versatile garden plants, used alongside shrubs, ornamental grasses, and other perennials. Then, learn how to plant and divide daylilies and enjoy a tour of Daylily Walk at the Garden, in full bloom. Please bring lunch.

\$62 non-members, \$56 members

Michael Ruggiero

SU GAR 207 Saturday, July 14,
10 a.m.–2:30 p.m., Rm. 302

NEW! Rare Fruits for the Home Garden

Many hard-to-find, unusual fruits grow well in our temperate climate. Several are disease resistant, easy to grow, and delicious: American persimmons, paw paws, mulberries, cornelian cherries, aronia, hawthorne, gooseberries, and many more. Learn which plants are available in nurseries, how to care for them, how to use the fruit, and the health benefits of these tasty treats.

\$47 non-members, \$42 members

Steven McKay, MS

SP GAR 210 Saturday, May 19,
10 a.m.–1 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

The Rose De-mystified

Learn how to select and grow roses for your own garden in this introductory course. Explore landscape use and care of different types—Hybrid teas, Shrub Roses, and Climbers. Learn techniques for pruning, spraying, irrigation, weed control, and winter protection. Weather permitting, tour the Peggy Rockefeller Rose Garden.

\$47 non-members, \$42 members

Michael Ruggiero

SP GAR 211 Saturday, June 2,
10 a.m.–1 p.m., Rm. P201

NEW! The Ladies Border: An Experimental Palette of Plants

The changing climate brings us earlier spring blooms, drier and hotter summers, more extreme precipitation patterns, a later fall season, and milder winter temperatures. What does this mean in terms of plant selection? Adventurous gardening! Join Sarah Carter for an exploration of the Ladies Border, where unusual and marginally hardy plants grow in a changing climate.

\$31 non-members, \$28 members

Sarah Carter

SP GAR 215 Saturday, May 19, 3–5 p.m.,
Rm. 302

Integrating Herbs in Your Garden

Herbs are low maintenance plantings that suit many environments. They offer a huge selection in terms of color, scent, and form. The focus is on using native plants and learning how they can be incorporated into a variety of planting schemes. Please bring lunch and be prepared to go out on the grounds, weather permitting.

\$62 non-members, \$56 members

Leda Meredith

SP GAR 218 Saturday, June 16,
10 a.m.–2:30 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

Landscaping with Perennials

Gain the basic skills and knowledge needed for successful cultivation of perennials in a variety of garden settings. Topics include site selection, soil preparation, tools and planting techniques, maintenance practices, plant selection, landscape use, and design basics. Please bring lunch.

\$117 non-members, \$105 members

Michael Ruggiero

WI GAR 231 Section C: Thursday,
March 22, 9 a.m.–4 p.m., Garden Education
Center of Greenwich, Cos Cob, Conn.

SU GAR 231 Section A: Thursday, July 12,
9 a.m.–4 p.m., Rm. P201

SU GAR 231 Section B: Saturday, Sept. 8,
9 a.m.–4 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

Ornamental Vegetables in the Garden

Discover how to use tasty vegetables in attractive ways to create a beautiful garden; vegetables can also be wonderful growing outside the vegetable patch. Learn how and where to plant ornamental vegetables in interesting combinations, to accent the garden and to use in decorative planters. Take home vegetable seeds that you start in class. Please bring lunch.

\$68 non-members, \$62 members
(Includes a \$6 materials fee)

Melanie Menachem-Riggs

SP GAR 234 Sunday, April 29,
10 a.m.–2:30 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

Work Study Opportunities in the Continuing Education Department

A limited number of work study opportunities are available. Computer skills are required. Call 718.817.8566 for details.

Bonsai Workshops

Bonsai for Beginners Workshop

The art of Bonsai is centuries old, but is still very popular today. John Capobianco, award winning bonsai artist, discusses the history of bonsai and helps you shape your own exotic miniature tree to take home. Instructions are given on how to care for this very special plant for years to come. All necessary materials (plant, soil, moss, rock, pot, and book) are provided. Please bring sharp scissors, chopsticks, and lunch to class.

\$120 non-members, \$116 members,
(Includes a \$30 materials fee)

John Capobianco

SU GAR 912 Saturday, July 14,
10 a.m.–3:30 p.m., Rm. 102

Bonsai Training and Care Workshop

Learn how to develop your own bonsai, from initial styling to refinement. Explore removing wires, rewiring, styling alternatives, root pruning, and refreshing soil. Techniques are then applied to your existing bonsai. Please bring a live tropical bonsai to class. *Suggested Prerequisite: Bonsai for Beginners Workshop—GAR 912.*

\$76 non-members, \$69 members
(Includes a \$8 materials fee)

John Capobianco

SU GAR 925 Saturday, July 28,
10 a.m.–1 p.m., Rm. 102

NEW! Chrysanthemum Bonsai: Workshop

Get ready for *kiku!* In this season-long course find out how to turn a rooted chrysanthemum cutting into a finished bonsai in a few months. Students meet three times from April through September. Learn the techniques for shaping your mum into one of the many traditional bonsai forms. Basic bonsai techniques and chrysanthemum culture are discussed as well.

\$220 non-members, \$202 members
(Includes a \$40 materials fee)

John Capobianco

SP GAR 927 3 Saturdays, April 21,
June 16 & Sept. 8, 10 a.m.–1 p.m., Rm. 312



Chrysanthemum Bonsai

John Capobianco

NEW! Exhibition Chrysanthemum Culture: Workshop

You may recall hearing about Football Mums—giants of the fall season? Learn how to produce these award-winning blooms. The different flower forms, basic mum culture, feeding, pinching, staking, disbudding, and shading are discussed. Techniques for growing in the ground and containers are discussed, as well as dealing with pests and maintenance issues.

\$76 non-members, \$69 members
(Includes a \$8 materials fee)

John Copabianco

SP GAR 928 Saturday, May 19,
10 a.m.–1 p.m., Rm. 315

John Capobianco, is a 3 time recipient of the U.S. National Gold Medal for Chrysanthemum Bonsai, President of the Long Island Chrysanthemum Society, and Immediate Past President of the Bonsai Society of Greater New York.

The How, When, and Where of Pruning

Learn the elements of pruning evergreens, deciduous trees and shrubs and how to maintain the woody plants in your garden. Bring your pruners for a discussion of proper tool selection and maintenance. The afternoon is spent outside analyzing pruning techniques. Class is held rain or shine. Please dress for the weather and bring lunch. While this class has no prerequisite, some knowledge of gardening is helpful.

\$62 non-members, \$56 members

B.B. Stamats

WI GAR 236 Section A: Saturday, March 24, 10 a.m.–2:30 p.m., New Canaan Nature Center, New Canaan, Conn.

Section B: Saturday, March 31,
10 a.m.–2:30 p.m., Rm. 319

SP GAR 236 Section C: Thursday, April 12,
10 a.m.–2:30 p.m., Garden Education Center of Greenwich, Cos Cob, Conn.

Hardworking Herbs in the Garden

Reduce maintenance by bringing herbs into the garden. Many herbs encourage the development of sustainable plant and wildlife communities, filling your garden with beneficial insects, birds and wildlife. Learn which herbs energize and revitalize your garden and improve the quality of your plants.

\$47 non-members, \$42 members

Leda Meredith

SP GAR 242 Saturday, June 9,
10 a.m.–1 p.m., Rm. 302

Edible Landscaping

Edibles can serve multiple purposes. Not only are they delicious, but they create attractive ornamental plants. Landscaping with these ornamentals can be as simple as growing a tomato in a hanging basket, or as complex as a yard full of fruit and nut trees. Learn which edibles to use in your landscape, whether an apartment terrace or a country estate. Please bring lunch.

\$62 non-members, \$56 members

Leda Meredith

SP GAR 244 Section A: Sunday, April 15,
10 a.m.–2:30 p.m., Stone Barns Center,
Pocantico Hills, N.Y.

Section B: Sunday, June 3, 10 a.m.–2:30 p.m.,
Rm. 302

Winning Plant Combinations

Turn your garden into a work of art. Learn how to combine plants to create a personal garden design and color scheme for season long interest. Consider how color, form, and bloom time affect your choice of plant material, and learn to select plants for special planting situations.

\$47 non-members, \$42 members

Sonia Uyterhoeven

SP GAR 247 Wednesday, June 13, 10 a.m.–1 p.m., Rm. 312

What's Wrong With My Plant?

Your plants are not happy and you suspect something is wrong; how can you breath new life and vigor into them? Learn to diagnose and treat common disease, pest, and cultural problems afflicting indoor and outdoor plants based on physical observations.

\$47 non-members, \$42 members

Ulrich Lorimer

SP GAR 251 Tuesday, June 26, 6:15–9:15 p.m., Rm. 315

Tropical Plants in the Garden

Turn your garden into a tropical paradise with a few strategically placed plants in containers. Learn about the tropicals that thrive in our area and how to overwinter plants. Other topics include basic care of tropical plants and tropical look-alikes that actually thrive in cool climates. Please bring lunch.

\$62 non-members, \$56 members

John Beirne

WI GAR 253 Section A: Saturday, March 31, 10 a.m.–2:30 p.m., Rm. 230

SP GAR 253 Section B: Saturday, May 5, 10 a.m.–2:30 p.m., Flat Rock Brook Nature Center, Englewood, N.J.

Questions about selecting Gardening Courses?

Call the Gardening Program Coordinator, Ellen Zachos, at 718.817.8594. She can also be reached by e-mail: progcoor@nybg.org

Vines and Trellising

Every garden should have some vines and interesting trellises to provide architectural structure for them. Vines make a bold and beautiful statement when used to enrich garden design. They add vertical dimension and are often used to soften the hardscape by adding flowers and foliage in narrow empty spaces. They provide screening of unwanted views and give an exuberant lush feeling to the garden. Explore numerous annual and perennial vines and trellis structures that can punctuate garden spaces. Please bring lunch.

\$62 non-members, \$56 members

Melanie Menachem-Riggs

SU GAR 257 Saturday, July 21, 10 a.m.–2:30 p.m., Rm. 319

The Medieval Garden

Study medieval herbs and flowers, horticultural practices, and garden features from that period. Ideas and images from the Middle Ages and documentary and archaeological evidence are presented. The first class includes a three-hour illustrated lecture at the Botanical Garden, including locating medieval plants and recreating medieval gardens. The second class is a visit to the gardens of The Cloisters, where more than 300 species known in the medieval period are grown. We also examine art work in The Cloisters' collection relating to plants and gardens, including the celebrated Unicorn Tapestries.

\$71 non-members, \$65 members (Includes \$9 admissions fee to The Cloisters)

Deirdre Larkin

SP GAR 258 Tuesday, May 15, 10 a.m.–12 p.m., Rm. 230 & Thursday, May 17, 10 a.m.–12 p.m. at The Cloisters, Manhattan

Containers in the Border

Learn how to add interest, dramatic accents, level changes, and even a touch of whimsy by using containers creatively in the flower borders and shrub plantings. Explore potting techniques plus unusual plants to adorn containers for spring, summer, and fall.

\$47 non-members, \$42 members

B.B. Stamats

SP GAR 261 Saturday, May 19, 10 a.m.–1 p.m., New Canaan Nature Center, New Canaan, Conn.

Landscaping with Native Trees and Shrubs of the Northeast

Many native trees and shrubs make excellent ornamentals in the landscape, yet they have long been overlooked. Discover flowering trees and shrubs, evergreens, and deciduous foliage trees that thrive in our climate naturally. This class dispels the notion that natives are less interesting than exotic imports.

\$31 non-members, \$28 members

Vincent Simeone

SU GAR 263 Saturday, Aug. 4, 1–3 p.m., Rm. 302

Flowering Small Trees and Shrubs

Flowering shrubs and small trees are versatile performers in the garden; they do so many different things. Grow them for structure and depth, for spring and summer bloom, for fall berries and foliage, for their ornamental bark. There are flowering woody plants for sun and shade, for wet and dry soils, even some that thrive in containers! Learn which ones are right for you.

\$31 non-members, \$28 members

Vincent Simeone

SU GAR 264 Saturday, Aug. 4, 10 a.m.–12 p.m., Rm. 302

Fabulous Foliage for the Shady Garden

Nothing beats foliage as a foundation for garden design, especially in the shade. It's not just that flowers are few by the time summer arrives. Leaves provide options from subtle to showy. Perennials, annuals, bulbs, and shrubs provide the palette, with foliage shapes and colors other than green. Then combine and create the appropriate results for gardens, from casual and country to sophisticated and formal. Please bring lunch.

\$62 non-members, \$56 members

Judy Glattstein

SP GAR 265 Wednesday, May 16, 10:30 a.m.–3 p.m., Rm. 319

Windowboxes and Planters Year-Round

Learn how to decorate railings, windows, balconies, terraces, and gardens with window boxes and planters throughout the year. Using window boxes and planters available on the market, discover successful planting techniques and the use of decorative materials.

\$47 non-members, \$42 members

B.B. Stamats

SP GAR 271 Saturday, June 2, 10 a.m.–1 p.m., Rm. 315

Hardy Ferns and Allies for the City Garden

Transform your shady city garden into a calm oasis with a variety of ferns and their botanical relatives. Students look at common and unusual ferns suitable for urban gardens. Discuss suggested pairings of these magnificent, lacey-leafed beauties with shade tolerant companions for both “in-ground” and container use.

\$47 non-members, \$42 members

Duncan Himmelman, Ph.D.

SP GAR 273 Tuesday, May 1, 6:15–9:15 p.m., Rm. 312

NEW! Compost Tea

Give your plants a drink of compost tea! This method of fertilization is both environmentally sound and economically affordable. Discover the benefits of compost tea such as rejuvenating and amending soil and helping suppress insects and diseases. Learn how to make compost tea and where to find all the supplies.

\$31 non-members, \$28 members

Susan Williams

SP GAR 275 Saturday, May 12, 12–2 p.m., Rm. 312

NEW! The Scented Garden

Even if your garden looks perfect, if it doesn't also smell wonderful, there's something missing. Modern plant breeding often sacrifices perfume for giant blooms, but gardeners who appreciate scent enjoy learning about old-fashioned flowers and heirloom plants. Look at fragrant plants and discuss their use in the home and garden, and perfumery. Students cover a large variety of aromatic plants: trees, shrubs, perennials, annuals, and tropicals and consider design ideas using these plants. Please bring lunch.

\$62 non-members, \$56 members

Leda Meredith

SU GAR 292 Saturday, Aug. 18, 10 a.m.–2:30 p.m., Rm. P201

Become a Horticulture Volunteer at the Botanical Garden! See page 82 for information.

Recreational Tree Climbing: Workshop

Enjoy an outdoor challenge. This course is for any sportsman, hunter, rock climber, naturalist, and anyone who is intrigued by climbing trees for fun. Explore the tree canopy on the grounds of the Garden and learn the fundamentals of on-rope climbing techniques used by arborists. Experienced instructors work one-on-one to instill confidence in knot tying, rope handling, basic climbing, and descending (rappelling) methods. Class is limited in size and students work in small teams. All necessary equipment is provided. Wear comfortable clothing (long pants, gloves, and boots or sturdy sneakers). Please bring lunch and a camera for a keepsake of this birds-eye view of the Garden.

\$135 non-members, \$122 members

Josh Galiley, Michael Guarino, and Peter Provenzale

SP GAR 901 Saturday, May 12 (rain date May 19), 10 a.m.–4:30 p.m., Rm. 230

Garden Design for Beginners: Workshop

Do you want to design a garden, but you're not sure where to start? Have you been gardening for years, but feel that your garden just isn't what it could be? Learn basic design principles and how to apply them. Work through a sample project to better understand design concepts. Please bring graph paper, pencils, a ruler, and lunch.

\$90 non-members, \$81 members

Melanie Menachem-Riggs

SP GAR 913 Tuesday, April 24, 10 a.m.–2:30 p.m., Rm. 102

How to Grow an Herb Garden: Workshop

Learn how to grow a flavorful herb garden. Propagate a selection of culinary herbs including thyme, parsley, basil, chives, rosemary, and more from seeds and cuttings that you bring home to transplant into your garden or large containers. Please bring lunch.

\$105 non-members, \$96 members (Includes a \$15 materials fee)

Melanie Menachem-Riggs

WI GAR 917 Saturday, March 24, 10 a.m.–2:30 p.m., Stone Barns Center, Pocantico Hills, N.Y.

Vegetable Gardening for Maximum Results: Workshop

The kitchen garden, or potager, is back. You can grow more than just tomatoes this year. Learn the difference between cool and warm season crops and methods of growing from seed: selecting, germinating, and transplanting. Discuss techniques of raised bed gardening and vegetable gardening to use in your own garden. Learn about proper planting and maintenance, which lead to a bountiful harvest. Please bring lunch.

\$105 non-members, \$96 members (Includes a \$15 materials fee)

Melanie Menachem-Riggs

WI GAR 918 Wednesday, March 21, 10 a.m.–2:30 p.m., Stone Barns Center, Pocantico Hills, N.Y.

Seed Starting: Workshop

Those who know how to start plants from seed have a whole new world of choices for their garden and do not have to depend on ordinary plants from the neighborhood garden center. In this demonstration and hands-on workshop, learn how, when, and where to grow plants from seed to produce healthy, sturdy, seedlings for the garden. Take home a planted container, a seed flat, and transplanted seedlings.

\$88 non-members, \$82 members (Includes a \$25 materials fee)

James Carr

SP GAR 924 Saturday, April 21, 10 a.m.–1 p.m., Rm. 102

Courses of Related Interest:

Eating Your Invasives

SP BOT 176, pg. 24

Plant Structures for Naturalists

SP BOT 306, pg. 25

Digital Camera Basics for the Beginner

SP GWP 120, pg. 20

Mastering Floral Close-ups

SP GWP 923, pg. 22

Reinvent Your Roof with a Green Roof

SP HRT 168, pg. 57

GARDENING CERTIFICATE COURSES are open to all students who have fulfilled the prerequisite requirements. However, if a student wishes to take a class for Certificate credit, all assignments and a final project or exam must be completed.

The Certificate curriculum offers a wide variety of courses. Instructors are gardening professionals, including Botanical Garden staff, authors, and nursery owners, with extensive field and teaching experience.

The Program Coordinator is **Ellen Zachos**. A graduate of Harvard University, she received Certificates in Commercial Horticulture (tracks 1, 3, and 4) and Ethnobotany from the Garden. She teaches several Continuing Education classes, covering perennials, annuals, orchid care, garden maintenance, and tropical plants. Ellen is a garden writer and photographer, who has authored several books and numerous articles. Her company, Acme Plant Stuff, designs, installs, and maintains interior and exterior gardens in the New York area.

Gardening Certificate Requirements

Code	Course / Quarter(s) offered	Hours
GAR 301	Fundamentals of Gardening I / Fall, Winter, Spring	12
GAR 302	Soil Science for Gardeners / Winter, Summer	12
GAR 311	Introduction to Plant Propagation and Grafting / Fall, Spring	18
GAR 322	Insect Identification and Management for Gardeners / Summer	8
GAR 324	Disease Identification and Management for Gardeners / Summer	8
GAR 330	Plants for Landscaping / Spring, Summer	16
GAR 341	Flower Gardening I / Fall, Spring	12
GAR 401	Fundamentals of Gardening II / Spring, Fall	12
GAR 420	Pruning for Gardeners / Winter	12
GAR 430	Fruit Gardening / Spring	10
GAR 431	Vegetable Gardening / Spring	12
	Elective GAR or HRT Certificate courses / all quarters	30
	Total	162

Students who expect to complete their Certificate requirements by June 1, 2007, must inform the Registration Office in writing of their candidacy by March 1, 2007. Students will be contacted by April 15. See Page 2 for more information.

Fundamentals of Gardening I



Tori Burt
Ralph Snodsmith

Certificate Requirement (Gardening and Horticultural Therapy), Classroom Hours: 12

Explore the basic principles underlying good gardening, including the structure and physiological processes of plants and their relationships to the environments in which they grow. You learn not only what to do, but why! Topics include soils and their improvement, seed sowing, vegetative propagation, planting, pruning, watering, weeding, mulching, shading, ventilation, and disease and pest control.

\$280 non-members, \$252 members

Ralph Snodsmith

SP GAR 301 6 Mondays, April 16–May 21

Section E: 10:15 a.m.–12:15 p.m., Rm. 302

Section F: 6:15–8:15 p.m., Rm. 302

See *Fundamentals of Gardening II—GAR 401* as a practical follow-up class on page 55.

Soil Science for Gardeners

Certificate Requirement (GAR and HRT—tracks 3 & 4), Classroom Hours: 12

Understand how the nature of soil affects the overall productivity of plants. Theory is kept to a minimum and practical applications are stressed. Topics include soil formation, physical properties of soil, soil-water relationships, and management techniques such as irrigation, drainage, and fertilization. Basic soil sampling, pH, and nutrient testing are introduced. *Please note that this course is not the same as Soil Science I—HRT 301.*

\$280 non-members, \$252 members

David Bulpitt

SP GAR 302 4 Wednesdays, June 20–July 18 (no class July 4), 6:15–9:15 p.m., Rm. 102

Terrace Gardening

Certificate Elective, Classroom Hours: 8

Terrace gardening presents a unique set of challenges and requires a unique set of gardening skills. Learn about choosing containers and the plants that thrive in them (trees, shrubs, perennials, annuals, tropicals, and vines), light weight soil mixes, harsh growing conditions, and navigating the unusual perils of city gardening. Please bring lunch.

\$190 non-members, \$171 members

Ellen Zachos

SU GAR 310 Tuesday & Wednesday, Aug. 14 & 15, 10 a.m.–2:30 p.m., Rm. 230

Introduction to Plant Propagation and Grafting

Certificate Requirement (GAR and THR), Classroom Hours: 18

Plant propagation is a basic horticultural skill. Survey the theory and practice of propagating woody and herbaceous plants using traditional methods, such as the use of seeds, cuttings, and grafts as well as up-to-date tissue culture techniques. Gain hands-on experience practicing simple propagation methods.

\$445 non-members, \$415 members, (Includes a \$30 materials fee)

Mobee Weinstein

SP GAR 311 6 Mondays, May 7–June 18 (no class May 28), 6:15–9:15 p.m., Rm. 102

Gardening: *Certificate Courses*

NEW! Gardening with Native Plants

Certificate Elective, Classroom Hours: 9

Students focus on native herbaceous and woody plants, their identification, habitat, and culture, in both the classroom and the garden. Discuss the magic of woodland soils and how to promote a healthy environment to support spring ephemerals, summer perennials, shrubs, and trees.

\$213 non-members, \$191 members

Jody Payne

SP GAR 315 3 Saturdays, April 21–May 5, 10 a.m.–1 p.m., Rm. 319

Insect Identification and Management for Gardeners

Certificate Requirement, Classroom Hours: 8

Pest identification is key to maintaining a healthy, beautiful garden. Learn to recognize which insects are pests and which are beneficial to your garden. Then, explore the principles of Integrated Pest Management (IPM) to understand how simple, low-tech steps can prevent major insect infestations. Please bring samples of insects and damaged plants to class. Please bring lunch.

\$190 non-members, \$171 members

Kent Pierce

SU GAR 322 2 Saturdays, July 14 & 21, 10 a.m.–2:30 p.m., Rm. 315

Organic Flower Gardening and Pest Control

Certificate Elective, Classroom Hours: 6

You can have the best flower garden in the neighborhood without pesticides, inorganic fertilizers, and endless watering. For over 30 years, Brad Roeller has evaluated thousands of landscape plants and developed an organic system of plant care and landscape maintenance. Learn about these innovative gardening practices as well as organic controls for garden pests and diseases.

\$145 non-members, \$131 members

Brad Roeller

SP GAR 323 Section A: 2 Saturdays, May 5 & 12, 10 a.m.–1 p.m., Stone Barns Center, Pocantico Hills, N.Y.

SU GAR 323 Section B: 2 Tuesdays, Aug. 7 & 14, 10 a.m.–1 p.m., Rm. P201

Questions about selecting Gardening Courses?

Call Ellen Zachos, the Gardening Program Coordinator, at 718.817.8594 or e-mail: progcoor@nybg.org

Disease Identification and Management for Gardeners

Certificate Requirement, Classroom Hours: 9

Plant diseases can make a mess of your garden; learn to identify them before the damage becomes widespread. Explore the basics of disease management, and learn how the principles of Integrated Pest Management (IPM) can help you maintain a strong and healthy garden. Please bring samples of diseased plants to class. Please bring lunch.

\$213 non-members, \$191 members

Jody Fetzer

SU GAR 324 2 Saturdays, July 28, 10 a.m.–2:30 p.m. & Aug. 4, 10 a.m.–3:30 p.m., Rm. 315

Plants for Landscaping

Certificate Requirement (GAR, HRT track 4, and LAN), Classroom Hours: 16

Examine the use of plants in the landscape, with an emphasis on selecting plants for design qualities and maintenance characteristics. Explore aspects of special landscape value such as size, texture, color, and flowering and fruiting seasons. Slides illustrate trees, shrubs, ground covers, annuals, and perennials suitable for landscaping. Class goes outside. Please dress for the weather and wear comfortable shoes.

\$370 non-members, \$340 members

Michael Ruggiero

SP GAR 330 8 Wednesdays, April 11–May 30

Section A: 11 a.m.–1 p.m., Rm. P201

Section B: 6:15–8:15 p.m., Rm. P201

8 Thursdays, April 19–June 7,

Section C: 2–4 p.m., Rm. P201

Section D: 6–8 p.m., New Canaan Nature Center, New Canaan, Conn.

Duncan Himmelman, Ph.D.

SP GAR 330 Section E: 4 Thursdays, May 31–June 28 (no class June 7), 6:15–8:15 p.m. & 4 Saturdays, June 9–30, 1–3 p.m., Rm. P201

Michael Ruggiero

SU GAR 330 Section F: 4 Tuesdays & 4 Thursdays, July 10–Aug. 2, 6:15–8:15 p.m., Rm. P201

Flower Gardening I

Certificate Requirement, Classroom Hours: 12

For many gardeners, flowers are what gardens are all about. Here is an opportunity to learn how, when, and where to use bulbs, annuals, biennials, and perennials to create an aesthetically pleasing low maintenance garden. *Prerequisite: Fundamentals of Gardening I–GAR 301.*

\$280 non-members, \$252 members

Mobee Weinstein

SP GAR 341 6 Thursdays, May 3–June 14 (no class June 7), 6:15–8:15 p.m., Rm. 102



The Jane Watson Irwin Perennial Garden

John Peden

Herbs, Herb Gardens, and Herbalism

Certificate Elective, Classroom Hours: 8

Students investigate the history of herb use and cultivation, from ancient through modern times. The class includes an overview of herbs and herbalism, histories of individual plants and their uses, and profiles of famous herbalists and outstanding herb gardens. This course puts contemporary herb gardening in historical perspective and also gives the basics of herb garden design and cultural information on growing herbs. Students taking this class for certificate credit are required to submit a short paper or a plan and planting list for an herb garden. Please bring lunch.

\$190 non-members, \$171 members

Deirdre Larkin

WI GAR 344 4 Wednesdays, March 7–28, 10 a.m.–12 p.m., Rm. P201

Gardening in the Shade

Certificate Elective, Classroom Hours: 7.5

Most gardens have at least some shade. Learn to analyze the shade you have, whether it is in an urban courtyard, a suburban yard, or a woodland retreat. Discover the many plants that are appropriate for shade, from woody plants to bulbs, annuals, and perennials. If properly selected, these plants can ensure bloom throughout the season and offer a variety of foliage textures and colors.

\$180 non-members, \$162 members

Michael Ruggiero

SP GAR 345 2 Saturdays, May 19 & 26, 10 a.m.–1:45 p.m., Rm. 302

Trees of the Botanical Garden

Certificate Elective, Classroom Hours: 6

The magnificent trees of The New York Botanical Garden provide a dramatic framework for the Garden's many outdoor displays and create a peaceful refuge for visitors. Stroll through the impressive collections and see mature, historic specimens as well as recent additions to the arboretum. Discover the most valuable characteristics (flowers, foliage, bark) for many different conifers and deciduous trees, and learn about their cultural needs.

\$145 non-members, \$131 members

Brad Roeller

SP GAR 353 3 Saturdays, June 9–23, 10 a.m.–12 p.m., Rm. P201

Botanical Latin

Certificate Elective, Classroom Hours: 8

Botanical nomenclature can add a new dimension to your gardening by helping you identify and know plants better. For example, we can infer from the name *Portulaca* that plants of this genus carry a milky sap, because “portu-” means carry (as in portable) and “-laca” refers to milk (as in lactose). Review rules of nomenclature and pronunciation and learn about the history of the binomial system in use today.

\$190 non-members, \$171 members

Alfred Luongo

SU GAR 360 4 Wednesdays, Sept. 5–26, 6:15–8:15 p.m., Rm. 302

Hands-On Orchid Care

Certificate Elective, Classroom Hours: 8

Study groups of orchid genera and their shared physical attributes, and learn to deduce the cultural needs of orchids based on physical characteristics like pseudobulbs, cuticles, and velamen roots. Divide monopodial and sympodial orchids, root prune, and practice pest identification. Experiment with methods of slab mounting on various media. Learn to improve in-home growing conditions by adding different types of grow lights, humidifiers, and drywells.

\$215 non-members, \$196 members
(Includes \$25 materials fee)

Elena Andrews Gaillard

WI GAR 370 4 Wednesdays, March 28–April 18, 11 a.m.–1 p.m., Rm. 319

NEW! Herbs and Flowers for the Cottage Garden

Certificate Elective, Classroom Hours: 6

The cottage garden is planted with useful and ornamental plants, mingling fragrant herbs and old-fashioned flowers in casual profusion. It has ancient roots yet is readily adaptable to modern dwellings and contemporary life. This course focuses on culinary and household herbs, annuals, biennials, and perennials traditionally associated with cottage gardens, as well as new and improved forms suitable to this attractive and adaptable style.

\$145 non-members, \$131 members

Deirdre Larkin

SP GAR 381 2 Tuesdays, April 17 & 24, 10 a.m.–1 p.m., Rm. P201

Fundamentals of Gardening II

Certificate Requirement, Classroom Hours: 12

In this practical follow-up to *Fundamentals of Gardening I*, see demonstrations and have an opportunity to practice some of the techniques discussed. Soil structure and amendments, composting, planting and transplanting techniques, pruning, winter preparation, and tool use and care are covered. Please bring lunch. *Prerequisite: Fundamentals of Gardening I–GAR 301.*

\$280 non-members, \$252 members

Mobee Weinstein

SP GAR 401 3 Saturdays, June 2–16, 10 a.m.–2:30 p.m., Rm. 102

Pruning for Gardeners

Certificate Requirement, Classroom Hours: 12

Improve the value and appearance of your property by learning techniques for pruning small ornamental trees, evergreens, and deciduous shrubs. Discover when and how to rejuvenate old plantings, encourage new vigorous growth, and how to keep them under control. Lectures are enhanced with slides, demonstrations, and “hands-on” experience outside. Dress for the weather.

\$280 non-members, \$252 members

Frank C. Buddingh

WI GAR 420 Section B: 4 Thursdays, March 22–April 19 (no class April 5), 10 a.m.–1 p.m., Rm. P201

Work Study Opportunities in the Continuing Education Department

A limited number of work study opportunities are available. Computer skills are required. Call 718.817.8566 for details.

Fruit Gardening

Certificate Requirement, GAR and Certificate Elective, HRT (tracks 1 & 2), Classroom Hours: 10

Grow Mother Nature's original desserts and harvest at their luscious best. Discover fruits that are delectable, free from pest problems and, in some cases, highly ornamental. Learn about pollination, yields, pest problems, pruning, and matching plants to the site. Please bring lunch. *Prerequisites: Fundamentals of Gardening I–GAR 301, Soil Science for Gardeners–GAR 302 or Soil Science I–HRT 301, or permission of the Coordinator.*

\$235 non-members, \$212 members

Steven McKay, MS

SP GAR 430 Saturday, May 5 & Sunday, May 6, 10 a.m.–3:30 p.m., Rm. 302

Vegetable Gardening

Certificate Requirement, GAR and Certificate Elective, HRT (tracks 1 & 2), Classroom Hours: 12

Examine pre-planting procedures from soil preparation to crop rotation planning. Study planting timing and techniques, pest management, harvest and post-harvest handling. Survey heirloom varieties, new cultivars, and classic selections. *Prerequisites: Fundamentals of Gardening I–GAR 301 and Soil Science for Gardeners–GAR 302 or Soil Science I–HRT 301 or permission of the Coordinator.*

\$280 non-members, \$252 members

Gerard Lordahl

SP GAR 431 4 Tuesdays, April 24–May 15, 6:15–9:15 p.m., Rm. P201

Maintaining Perennial Gardens

Certificate Elective (GAR and HRT), Classroom Hours: 9

Proper maintenance is crucial to a beautiful and long season in a perennial garden. Understanding maintenance needs is an often overlooked but essential skill for garden designers. Discussions include soil health, design techniques, low maintenance plants, staking, pruning herbaceous plants, weeding, fall clean-up and more. Each class includes some time in the Garden with hands-on practice.

\$235 non-members, \$212 members

Sarah Carter

SP GAR 524 3 Wednesdays, June 13–27, 5:30–8:30 p.m., Rm. P201