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The New York Botanical Garden Announces Winter Education Offerings Including Return of Popular Career Information Session, American Gardening Lecture Series, Creating Green Roofs Symposium, and Themed Saturday Programs

January–March 2009

This winter, The New York Botanical Garden is offering a variety of opportunities, classes, and programs that can aid new interests, develop new skills, or plant the seeds to fulfill a longtime dream of a career in the diverse world of gardening.

Career Information Session Wednesday, January 28, 6–8 p.m. (*in the Arthur and Janet Ross Lecture Hall*)

On Wednesday, January 28, the Garden welcomes back its popular free Career Information Session, which was extremely well received when the offering was inaugurated last fall. Participants will have opportunities to hear from the Garden's Continuing Education instructors who are experienced professionals and former students about what it is like to be a landscape designer, horticulturist, floral designer, or horticultural therapist and how the Continuing Education Program gives students the skills and knowledge needed to be successful.

New students registering for classes during the sessions will receive 10% off their first class. Preregistration at <u>www.nybg.org/edu</u> is recommended, or call 800.322.NYBG (6924) for more information.

> Continuing Education Open House Saturday, March 14, 10:30 a.m.–3:30 p.m. (in the Watson Building)

The Botanical Garden's Continuing Education Open House on March 14 offers a chance to discover how you could enhance your landscape design, gardening, or floral design skills, and more. Meet instructors and enjoy a full day of mini-classes, demonstrations, and discussions led by instructors in each of Continuing Education's program areas: Botanical Art and Illustration, Botany, Floral Design, Gardening, Horticultural Therapy, Horticulture, and Landscape Design.

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American Gardening Lecture Series January 15, February 19, and March 19 10 a.m.–12 p.m. (in the Arthur and Janet Ross Lecture Hall)

During the *American Gardening Lecture Series*, held on January 15, February 19, and March 19, accomplished gardeners, explorers, and horticulturists will introduce you to their favorite plants with something for every niche in your garden. Discover the elements of a well-rounded garden, including water features and diverse plants: native and exotic, woody and herbaceous, temperate and tropical. This is the tenth year for the always popular series of two-hour morning sessions, which attracts professional and home gardeners, florists, and landscape architects.

The fee for each *American Gardening* lecture is \$31 for Non-Members and \$28 for Members. Attend all three sessions and receive a 10% discount.

Thursday, January 15, 10 a.m. – 12 p.m.

Out of Their Element: South African Plants in Northern Gardens

South Africa is a half a world away from New York, yet many South African plants adapt wonderfully to our northern gardens. **Ellen Hornig**, owner of Seneca Hill Perennials Nursery, explains why these plants from distant and diverse habitats can be happy in our gardens, and suggests unusual and unfamiliar perennials to try at home.

Thursday, January 15, 10 a.m. – 12 p.m.

Fashionably Late: The Well-Dressed Fall Garden

How does your garden look during the dog-days of summer? Join **Andrew Bunting**, Curator at the Scott Arboretum of Swarthmore College, for tips on how to keep your garden alive with color and texture well into fall. Designing the College's grounds for all-season interest with an emphasis on fall color, Mr. Bunting will discuss many late-blooming perennials such as *Cimicifugas* and long-lasting foliar stand-outs such as *Amsonia hubrictii* and *Chelone glabra*. It's easy to have a great-looking garden in spring, but a lush and exciting fall garden is the mark of a truly accomplished gardener.

Thursday, February 19, 10 a.m. – 12 p.m.

Don't Kill that Bug!

When you see a bug, is your first instinct to squash, spray, or destroy? Don't make the mistake of killing the good guys in your garden. **Suzanne Wainwright**, owner of Buglady Consulting, shows you how to distinguish insect friend from insect foe with larger-than-life images. You can help battle the bad bugs by attracting beneficial insects to your garden and using environmentally sensitive sprays and biological

Thursday, February 19, 10 a.m. – 12 p.m.

Lots of Pots: Creating Memorable Container Plantings

A well-designed container planting is a garden in miniature and may include annuals, perennials, woodies, vines, succulents, and tropicals. Container expert and author of *Pots in the Garden*, **Ray Rogers**, focuses on color, line, form, space, and texture, showing you how to create combinations that reflect your own personality and style.

Thursday, March 19, 10 a.m. – 12 p.m. *Go Native with Bulbs!*

Bulbs may be synonymous with Holland, but there are many wonderful, worthy, native North American bulbs that make excellent garden plants. Let author and bulb expert **Judy Glattstein** introduce you to a wide variety of native bulbs growing in our woodlands and meadows.

Thursday, March 19, 10 a.m. – 12 p.m. *The Versatile Small Tree*

Small trees serve many purposes in the landscape. **Steven Kristoph**, owner of Steven Kristoph Nursery, details the numerous species and cultivars of small trees appropriate for almost any landscape situation. He presents an array of common and uncommon small trees that emphasize functionality and maximize seasonal interest.

Houseplant Extravaganza Saturday, January 24, 10 a.m.–4:45 p.m. (in the Watson Building)

Do you enjoy indoor plants and want to expand your plant palate? Learn to diversify your collection and, perhaps, find a new affinity for tropical plants. This all-day program features stimulating classes on how to use exotic and unusual plants to add beauty to an interior landscape. Participants select as many as three from six topics.

The fee for each *Houseplant Extravaganza* session is \$31 for Non-Members and \$28 for Members. Attend all three sessions and receive a 10% discount.

Saturday, January 24, 10 a.m. – 12 p.m. *Begonias*

The genus *Begonia* includes many superb houseplants, valued for both their foliage and flowers. Learn about different categories of *Begonia*, how to choose the right begonias for their specific growing conditions, and how to care for them at home.

Saturday, January 24, 10 a.m. – 12 p.m.

Cacti and Succulents

Cacti and succulents make superb houseplants; they're low-maintenance plants with a wide range of colors and shapes, fabulous foliage, and surprising flowers. Growing tips and recommended species give you a well-rounded introduction to the world of cacti and succulents.

Saturday, January 24, 12:30 p.m. – 2:30 p.m.

Orchids at Home

If you are tempted to try an orchid but afraid you will fail with these tropical beauties, fear no more. There are many lovely orchids that adapt easily to growing conditions in the average home. Learn about recommended species and the basics of watering, fertilization, and general care.

Saturday, January 24, 12:30 p.m. – 2:30 p.m.

Flowering Houseplants

Flowering indoor plants bring color, fragrance, and a touch of the exotic into your home. Learn which species do best in your home and how to care for them so they continue to bloom on a monthly basis. Among the plants to be covered are many varieties of bromeliads, hovas, wax begonias, jasmine, cape primrose, and orchids.

Saturday, January 24, 2:45 p.m. – 4:45 p.m. *An Indoor Herb Garden*

Did you grow fabulous herbs on your windowsill all summer long and don't want to give up their savory goodness just because it's winter? Discover which herbs (traditional and exotic) adapt well to indoor culture and how to make the most of your indoor growing conditions.

Saturday, January 24, 2:45 p.m. – 4:45 p.m.

Propagating Houseplants

Propagation is one of the most exciting aspects of growing plants. It's creative and productive, and a great way to share the plants you love with friends. Learn various propagations techniques such as starting seeds, taking leaf and stem cuttings, dividing, and repotting.

Shade Gardening Saturday Saturday, February 7, 10 a.m.–4:45 p.m. (in the Watson Building)

This exciting day offers a selection of classes for those gardeners who have sun-challenged sites. Whether you wonder how to figure out the amount of shade you have or want help choosing which plants to grow, you will discover how to create a lush oasis of flowers and foliage for your garden. Participants select as many as three from six topics.

The fee for each *Shade Gardening Saturday* session is \$31 for Non-Members and \$28 for Members. Attend all three sessions and receive a 10% discount.

Saturday, February 7, 10 a.m. – 12 p.m.

Spectacular Blooming Shrubs for Shade

Learn about a wide selection of sumptuous flowering, often fragrant, easy-care shrubs that thrive in the shade. Find out about proper plant care, including planting, feeding, and pruning.

Saturday, February 7, 10 a.m. – 12 p.m. Deer-Resistant Plants for Shade

Dever-Resistant Plants for Shade

Do you have a shady garden? Do you share that garden with the occasional (or not so occasional) deer? Learn which shade plants (including annuals, perennials, trees, shrubs, and vines) are also deer-resistant, so that Bambi can look elsewhere for his smorgasbord.

Saturday, February 7, 12:30 p.m. – 2:30 p.m.

City Gardens in Shade

Buildings cast large shadows over backyards, terraces, and even curbside gardens, so many of our urban gardens are shade gardens. Learn how to be a successful city gardener by making informed plant choices about the best annuals, perennials, vines, shrubs, and trees for shade gardens.

Saturday, February 7, 12:30 p.m. – 2:30 p.m.

The Different Shades of Shade

How do you define and measure shade? Do you have filtered light, dappled shade, heavy shade? How much light does a part-shade plant really need? Learn to measure your light/shade levels and demystify shade to make the most of the light you've got.

Saturday, February 7, 2:45 p.m. – 4:45 p.m. Shady Kitchen Gardens

A homegrown mouthful offers one of the great joys of gardening—and shade gardeners don't have to miss out. It's true you won't harvest tomatoes in deep shade, but you can grow delicious fruits, vegetables, and herbs in lower light. These rewarding, tasty treats include familiar market produce and surprisingly ornamental edibles.

Saturday, February 7, 2:45 p.m. – 4:45 p.m. **Tropical Plants for the Shady Garden**

Many tropical plants flourish in shade and are also surprisingly resistant to garden pests, including slugs and deer. Shade-loving tropicals add variegation, texture, and fragrance to your landscape. Learn to embellish your garden with some of nature's toughest shade-loving plants and how to select the best tropicals for your garden, terrace, rooftops, and containers. Growing, maintaining, and over-wintering tropical plants will be discussed.

Creating Green Roofs: The Next Steps Friday, March 6, 10 a.m.-5:15 p.m. (*in the Watson Building*)

As a follow up to the previous green roof symposia held last year, The New York Botanical Garden presents in-depth classes about green roof design and construction, from installation to choosing the right plants. Green roofs are not only aesthetically pleasing, they also reduce storm water run-off and insulate buildings. Learn about this cutting-edge technology and how to implement it from experts in their field. Participants select as many as three from six topics.

The fee for each Creating Green Roofs: The Next Steps session is \$48 for Non-Members and \$44 for Members. Attend all three sessions and receive a 10% discount.

Friday, March 6, 10 a.m. – 12 p.m.

Green Roof Basics

Everybody talks about green roofs, but what are they and why should we build them? What are the most convincing arguments to build green roofs? Susanne Boyle, Senior Landscape Architect at The RBA Group, highlights green roof functions, aesthetic and ecological benefits, and discusses green roofs in the context of our cityscapes.

Friday, March 6, 10 a.m. – 12 p.m.

New Legislation Financially Supports Green Roof Development

Many municipalities have encouraged green roof development; however, a financial incentive is necessary to see enough green roofs built to have a meaningful cumulative impact. Grassroots efforts resulted in a tax incentive for many New York City property owners. Robert Crauderueff, Policy Director at Sustainable South Bronx, will walk you through the steps to harvest these benefits.

Friday, March 6, 1 p.m. – 3 p.m.

LEED Certification: Choosing the Right Plants

Obtaining credits for LEED (Leadership in Energy and Environmental Design) certification is part of the agenda of many builders and developers. While using native plants and a diverse plant community are important goals for green roof designs, they do not work best in every situation. Ed Snodgrass, owner and president of Emory Knoll Farms, Inc. and Green Roof Plants, will discuss what works and what does not in order to achieve your LEED credits.

Friday, March 6, 1 p.m. – 3 p.m.

Installing a Green Roof

Once a design is finalized, preparations for installation can begin. Learn to calculate material quantities and discuss the various ways the material gets up to the roof. **Jörg Breuning**, co-founder of Green Roof Service, LLC, will discuss liability, the permit process, and insurance issues.

Friday, March 6, 3:15 p.m. – 5:15 p.m.

Green Roof Plants: Design Consideration and Maintenance Implications

A common assumption is that there is no maintenance needed once a green roof is built. However, the design determines not only plant choices, but also maintenance. **Ed Snodgrass**, owner and president of Emory Knoll Farms, Inc. and Green Roof Plants, will cover some of the most common green roof design choices, such as meadow-style planting, self-sowing and massing, and their implications for maintenance.

Friday, March 6, 3:15 p.m. – 5:15 p.m.

Myths and Common Mistakes in Building Green Roofs

Every new technique and standard of development needs to be evaluated, and green roofs are no exception. **Jörg Breuning,** co-founder of Green Roof Service, LLC, will teach you how to improve your design and avoid some common mistakes and myths associated with green roofs.

Spring Fever Saturday Saturday, March 7, 10 a.m.–4:45 p.m. (in the Watson Building)

Spring is just around the corner, and with a little advance preparation you will be ready to start the growing season right. Classes on spring gardening tasks, exquisite flowering plants, and growing plants from seed help you prepare for the gardening season. Participants select as many as three from six topics.

The fee for each *Spring Fever Saturday* session is \$31 for Non-Members and \$28 for Members. Attend all three sessions and receive a 10% discount.

Saturday, March 7, 10 a.m. – 12 p.m.

Fine Tune Your Soil

If you get your soil right from the start, your garden will explode with gratitude. Rich, nutritious soil makes for large, healthy plants and reduces the need for regular fertilization. Learn the difference between sandy and clay soils; alkaline, neutral, and acidic soils; how these differences affect plant choice and growth; and how you can modify your soil.

Saturday, March 7, 10 a.m. – 12 p.m.

Spring's First Fabulous Flowering Trees and Shrubs

Nothing banishes the winter "blahs" like dazzling showers of bloom from ornamentals trees and shrubs. Many of these beauties provide multi-season interest and intoxicating fragrance, and are also deer-resistant. Learn how to grow these early spring beauties, all of which have been time-tested in the instructor's chemical-free organic garden.

Saturday, March 7, 12:30 p.m. – 2:30 p.m.

Spring Maintenance

Learn the importance of raking off winter mulch, cutting back any perennials left up for winter interest, and adjusting your soil's nutrients to give your garden a head start on a great growing season.

Saturday, March 7, 12:30 p.m. – 2:30 p.m.

Pruning: Shape Up for Spring

Are you intimidated by the idea of pruning? Learn when is the best time to prune your trees and shrubs, why you should prune them, and what tools are needed for the job. Understand the difference between maintenance and rejuvenation pruning. Spring is a great time to get your woody plants in shape, thinning out overgrown plants to create open, healthy, beautiful trees and shrubs.

Saturday, March 7, 2:45 p.m. – 4:45 p.m.

Dividing and Transplanting

Early spring, with its cool temperatures and plentiful rain, is the perfect time to divide and transplant many garden perennials. Dividing also helps keep your plants healthy and floriferous, and lets you rearrange your garden without spending lots of money. Learn how to split and move perennials without stressing them, making the most of the plants in your garden.

Saturday, March 7, 2:45 p.m. – 4:45 p.m.

Starting from Seed

Seed starting should be one of your first steps in gearing up for the gardening season. Starting your own plants from seed is both horticulturally satisfying and economical. Also, many unusual plants may be difficult to locate, but their seeds are easier to find. Learn about the dos and don'ts of seed starting, direct seeding, transplanting, and different methods for starting seeds.

Native Plants Saturday Saturday, March 28, 10 a.m.–4:45 p.m. (in the Watson Building)

Native plants are all the rage for good reason—many Native American annuals, perennials, shrubs, and trees make superb garden plants. Learn how to choose the best native plants for your garden, how to create visual and aesthetic excitement, and explore the care and maintenance of your native plant garden. Participants select as many as three from six topics.

The fee for each *Native Plants Saturday* session is \$31 for Non-Members and \$28 for Members. Attend all three sessions and receive a 10% discount.

Saturday, March 28, 10 a.m. – 12 p.m. Native Alternatives to Invasive Plants

Invasive species pose a threat to our local flora. Finding their way from gardens into forests and fields, they cause far-reaching ecological damage. Learn what makes a plant invasive and the 20 worst offenders in our area. Discover beautiful native plants to replace commonly used invasive trees, shrubs, vines, wildflowers, and grasses.

Saturday, March 28, 10 a.m. – 12 p.m.

Woody Natives for Your Garden

Natives are not less interesting than exotic imports. Many native trees and shrubs make excellent ornamentals in the landscape, providing fall color, intriguing bark texture, and other desired qualities. Discover which flowering woody plants, evergreens, and deciduous trees thrive in our climate naturally and add beauty to the landscape.

Saturday, March 28, 12:30 p.m. – 2:30 p.m.

A Native Perennial Garden

Native plants often outperform their exotic counterparts in the perennial garden, and as their popularity grows, more exciting native perennials are available in garden centers across the country. Learn which natives are best suited to various landscapes (sun, shade, and a range of soil types), plus environmentally sensitive tips on growing and maintaining these perennials.

Saturday, March 28, 12:30 p.m. – 2:30 p.m.

Native Ferns and Grasses

Grasses and ferns may not have showy flowers, but they have other equally important charms that are often overlooked. As critical garden components, they provide texture, movement, structure, and complexity to any thoughtful design. Learn more about the ferns, horsetails, grasses, sedges, and rushes that enliven and enrich sunny and shady sites.

Saturday, March 28, 2:45 p.m. – 4:45 p.m.

Propagating Native Plants

Would you like to increase your population of native perennials and woodies without breaking the bank? Are you interested in growing plants you can't find at nearby nurseries? Learn to propagate many natives from cuttings, division, and seeds, and discuss seed collecting and storage. The excitement of propagating your own plants makes gardening an adventure.

Saturday, March 28, 2:45 p.m. – 4:45 p.m.

Deer-Resistant Native Plants

Learn about native plants that are inherently avoided by deer. You will find out about the environmental and biological factors that influence deer and their choice of food. Get tips about the latest deer repellents and other proven methods to discourage deer from entering your garden.

For more than 80 years, The New York Botanical Garden has been helping people achieve their horticultural education goals. Many students are career changers, who come to the Garden from a variety of occupations including marketing, information technology, law, and medicine to explore horticulture job opportunities. The Garden offers 500 different courses each year comprising seven certificate programs: Botanical Art and Illustration, Botany, Floral Design, Gardening, Horticulture, Landscape Design, and Horticultural Therapy. Classes are held during the day, evenings, and weekends to fit any busy schedule. Other satellite centers are located in Manhattan, Annandale-on-Hudson, Westchester, New Jersey, and Connecticut.

For additional information or to register for these upcoming Continuing Education classes or programs, visit <u>www.nybg.org/edu/conted</u> or call 718.817.8747.

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To register for Continuing Education classes or for more information about Botanical Garden education programs, visit www.nybg.org/edu/conted or call 718.817.8747.

The New York Botanical Garden is a museum of plants located at Bronx River Parkway (Exit 7W) and Fordham Road. It is easy to reach by Metro-North Railroad or subway. For more information, please call 718.817.8700 or visit our Web site at <u>www.nybg.org</u>

The New York Botanical Garden is located on property owned in full by the City of New York, and its operation is made possible in part by public funds provided through the New York City Department of Cultural Affairs. A portion of the Garden's general operating funds is provided by The New York City Council and The New York State Office of Parks, Recreation and Historic Preservation. The Bronx Borough President and Bronx elected representatives in the City Council and State Legislature provide leadership funding.