



UNITED STATES BOTANIC GARDEN

CALENDAR OF EVENTS

SEPTEMBER–NOVEMBER 2008





Programs



EXHIBIT TOUR

ONE PLANET – OURS! SUSTAINABILITY FOR THE 22ND CENTURY

RAY MIMS, USBG CONSERVATION HORTICULTURIST

Explore this summer's extensive sustainability exhibition with Ray Mims. See a straw-bale house, green wall, sustainable landscape, and many other exhibits providing information about what you can do to keep our planet healthy. Tours are outside and canceled if it rains.

Code: TE090308

Date: Wednesday, September 3

Time: 12:00 – 1:00 p.m.

Location: Conservatory Terrace

FREE: Pre-registration Required



TOUR

LUNCHTIME TOUR OF THE CONSERVATORY

USBG VOLUNTEERS

What do Manila folders, Channel No. 5, vanilla, and fossil fuels have in common? The answer is that they all come from plants on permanent display in the USBG Conservatory. Take a lunchtime tour with a knowledgeable guide who will connect the exotic plant world to everyday life. You might see bananas and coffee ripening on the tree, watch the Venus flytrap catch a meal, or learn about the next big breakthrough in medicinal plant research. Feel free to bring a brown bag lunch to eat on a bench in the Garden Court.

Dates: Thursdays in September, October, and November (except November 27)

Time: 12:00 – 1:00 p.m.

Location: Conservatory Garden Court

FREE: NO Pre-registration Required

EXHIBIT TOUR

RAINSCAPING

ZORA LATHAN, EXECUTIVE DIRECTOR OF THE CHESAPEAKE ECOLOGY CENTER

AND MARCY DAMON, CCLC CO-CHAIR AND GRASSROOTS RESTORATION

COORDINATOR FOR THE CHESAPEAKE BAY FOUNDATION

What is a rain garden? What can gardeners do to their home garden to help reduce runoff, treat water as a resource, and help to protect our rivers and watersheds? Spend an hour touring through the Rainscape garden with two experts as they share advice and smart gardening techniques. Tour is outside and canceled if it rains.

Code: TE091008

Date: Wednesday, September 10

Time: 12:00 – 1:00 p.m.

Location: Conservatory Terrace

FREE: Pre-registration Required

WORKSHOP

RIGHT PLANT, RIGHT PLACE: AN INVASIVE AND NATIVE PLANT WORKSHOP

**MARY TRAVAGLINI, THE NATURE CONSERVANCY; BILL McLAUGHLIN, USBG PLANT CURATOR;
RAY MIMS, USBG CONSERVATION HORTICULTURIST**

This will be a fantastic workshop for anyone wishing to learn more about how to identify and remove some of the most common invasive plant pests, while learning about some of the native plants to add to your garden or natural area. This informational day will include a morning session by Mary Travaglini of The Nature Conservancy, who will have live specimens of common invasive plants to identify, and details on how to recognize and remove them. Ray Mims will then lead us on a tour of the invasive plant trail in the garden. After a box lunch, Bill McLaughlin will guide us through the National Garden to show off some of the wonderful native plants that can be used in a local garden successfully. Bring an invasive plant that you need help identifying in a Ziploc bag, and the three leaders will try to identify it. Lunch is included in the fee.

Code: WH091108

Date: Thursday, September 11

Time: 9:00 a.m. - 3:00 p.m.

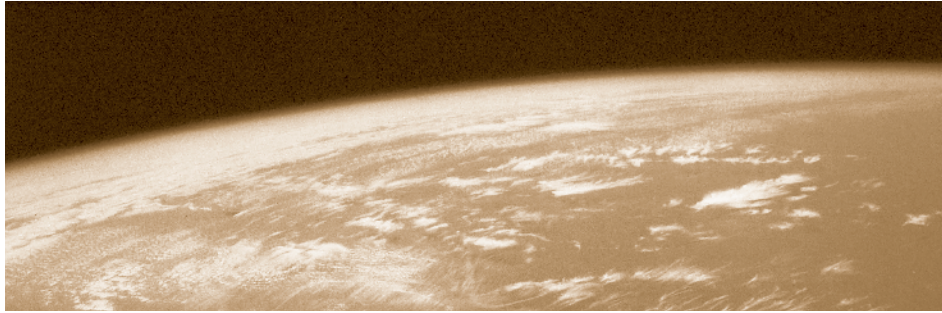
Location: Conservatory Classroom

FRIENDS: \$ 25

Non Members: \$ 30

Pre-registration Required





LECTURE

PLANTS IN A CHANGING CLIMATE – HOW YOU CAN HELP PLANT FOR THE PLANET

**ANDREA T. KRAMER, EXECUTIVE DIRECTOR,
U.S. OFFICE OF BOTANIC GARDENS CONSERVATION INTERNATIONAL**

Plants play an important role in regulating our climate and providing key services (like shelter, food, and medicine) that all life depends on. Learn more about how the plants we depend upon are dealing with a changing climate, how botanic gardens around the world are helping plants weather the changes, and find out what you can do in your own backyard and neighborhood to help.

Code: LH091208-A
Date: Friday, September 12
Time: 12:00 – 1:00 p.m.
Location: Conservatory Classroom
FREE: Pre-registration **Required**

LECTURE

GARDENSMART – PLANTWISE

DAMON WAITT, SENIOR BOTANIST, LADY BIRD JOHNSON WILDFLOWER CENTER

Gardening...what a satisfying pastime and a smart way to beautify your home! But do a little homework first and have a care before you buy those plants and spread those seeds. Some plants are bad for the environment, choking out native species and wreaking havoc through our wild lands. The GardenSmart – PlantWise program will give gardeners easy tips on how to manage their garden to preserve the unique qualities of neighboring wild lands.

Code: LH091208-B
Date: Friday, September 12
Time: 1:30 – 2:30 p.m.
Location: Conservatory Classroom
FREE: Pre-registration Required

TOUR

TREES IN THE GARDEN

BILL MCLAUGHLIN, USBG PLANT CURATOR AND STAFF FROM CASEY TREES

Tour the U.S. Botanic Gardens National Garden with Bill McLaughlin and staff from Casey Trees. Discover trees native to our region, selected to thrive in our urban environment, and discuss the concept of “right tree, right place.” Tour is outside and canceled if it rains.

Code: TH091708
Date: Wednesday, September 17
Time: 11:00 a.m. – 12:00 p.m.
Location: National Garden Lawn Terrace
FREE: Pre-registration Required

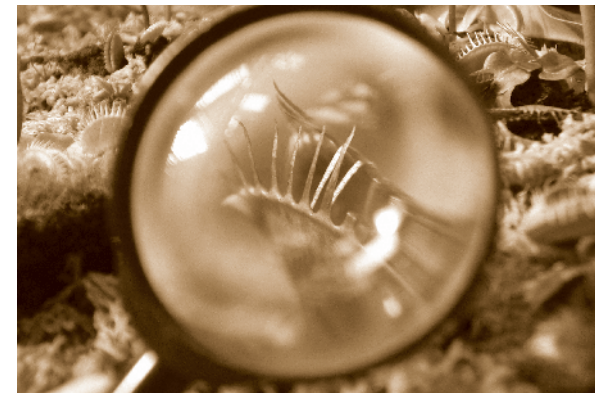
WORKSHOP

BASIC BOTANY

KYLE WALLICK, USBG BOTANIST

An understanding of basic botany can provide a better understanding of the plant world around you. Learn plant morphology and taxonomy by examining the variety of plant forms, structures, and functions. All major plant groups, as well as the algae, will be covered. A portion of this course will be laboratory-style, where we will utilize the living plant collection at the U.S. Botanic Garden for hands-on experience.

Code: WH091808
Date: Thursdays, September 18, 25, October 2, 9, 16, 23, and 30
Time: 10:00 a.m. – 1:30 p.m.
Location: Conservatory Classroom
FRIENDS: \$270
Non Members: \$300
Pre-registration Required



BUILDERS WITHOUT BORDERS' – SUSTAINABILITY SERIES

As part of the summer-long sustainability exhibition “One Planet-Ours!”, Builders Without Borders created a display to showcase affordable, healthy and energy-efficient construction. Before and after the presentations at the USBG, BWB members will be on-hand to interpret the exhibit, and answer questions.

OFF-SITE TOUR

TOUR OF FRIENDS SCHOOL

MICHAEL FURBISH, FURBISHCo.

This 27,000 square-foot elementary school incorporates passive solar design, daylighting, and energy-efficient straw-bale walls finished with lime plaster. Completed in 2007, this LEED-certified school also features a vegetated roof and rain gardens to control roof run-off and water in the landscape. More information and directions available at www.friendscommunityschool.org

Date: Sunday, September 21

Location: Friends School in College Park, MD

Time: 1:00 – 2:00

FREE: NO Pre-registration Required

LECTURE

HYBRID HOUSES: ZERO-ENERGY BUILDING STRATEGIES

CATHERINE WANER, AUTHOR, PHOTOGRAPHER, AND CO-DIRECTOR OF BUILDERS WITHOUT BORDERS

This presentation will showcase contemporary homes that are designed to reduce energy use and carbon emissions. Examples will include an urban remodel in Takoma Park, MD, a solar-powered community in Arizona, a model for rebuilding in Louisiana, a wind and solar ranch in Kansas, a straw-bale “passive house” in the Swiss Alps, and an award-winning housing development in China. These innovative “hybrid” homes offer a vision of a sustainable future – available today.

Code: LH092208

Location: Conservatory Classroom

Date: Monday, September 22

FREE: Pre-registration Required

Time: 12:00 – 1:00 p.m.

LECTURE

GREENING THE NEXT GENERATION

CHRIS MAGWOOD, LEAD INSTRUCTOR FOR FLEMING COLLEGE'S SUSTAINABLE BUILDING DESIGN AND CONSTRUCTION PROGRAM

Shifting North American consciousness towards energy-efficiency and sustainability requires teaching the designers and builders of tomorrow how to do more with less. Fleming College's unique approach offers immersion into the design/build process, instilling principles of ecological construction and providing hands-on opportunities. Students graduate with skills ready-made for a “green collar job.”

Code: LH092308

Location: Conservatory Classroom

Date: Tuesday, September 23

FREE: Pre-registration Required

Time: 12:00 – 1:00 p.m.

LECTURE

THE LOCAL BUILDING CLIMATE – OPPORTUNITIES AND CHALLENGES BUILDING IN THE WASHINGTON D.C. REGION

POLLY BART, MICHAEL FURBISH, RANDY WILLIAMS, AND SIGI KOKO

Maryland, Virginia, and DC building professionals, including Contractors Polly Bart, Michael Furbish, Randy Williams and designer Sigi Koko talk about climate-appropriate materials and methods, code acceptance, and LEED for homes.

Code: LH092408

Location: Conservatory Classroom

Date: Wednesday, September 24

FREE: Pre-registration Required

Time: 12:00 – 1:00 p.m.

EXPERTS ON DUTY

OPEN HOUSE AT THE STRAW-BALE ECO-HOUSE

Date: Thursday, September 25

Location: Conservatory Terrace Eco-House Exhibit

Time: 11:00 a.m. – 2:00 p.m.

FREE: NO Pre-registration Required

OFF-SITE LECTURE

HYBRID HOUSES: ZERO-ENERGY BUILDING STRATEGIES

CATHERINE WANER, AUTHOR, PHOTOGRAPHER, CO-DIRECTOR OF BUILDERS WITHOUT BORDERS

Please see September 22 for lecture description.

Directions and more information available at <http://www.amicusgreen.com>

Date: Thursday, September 25

Location: Amicus Green Building Center, Kensington, MD

Time: 7:00 – 8:00 p.m.

FREE: NO Pre-registration Required

LECTURE

GROWING GREEN BUILDING POLICY

DARREN PORT, GREEN BUILDING ADMINISTRATOR NJDCA DIVISION OF CODES & STANDARDS

Through innovative legislation and outstanding financial incentives, the State of New Jersey is in the national forefront of energy and environmental policy. Learn about New Jersey's green evolution, including creating a state-wide Green House Gas Reduction and Energy Master Plan, establishing green building standards, and bolstering economic growth through “renewables.”

Code: LH092608

Location: Conservatory Classroom

Date: Friday, September 26

FREE: Pre-registration Required

Time: 12:00 – 1:00 p.m.

OFF-SITE LECTURE SERIES

GREEN BUILDING

1:00 – 2:00 p.m. – **Growing Green Building Policy**

2:00 – 3:30 p.m. – **Introduction to Natural Building**

3:30 – 5:00 p.m. – **Hands-on Straw-bale Workshop**

Directions and more information available at <http://www.amicusgreen.com>

Date: Saturday, September 27

Location: Amicus Green Building Center, Kensington, MD

FREE: NO Pre-registration Required



TOUR

SUSTAINABLE GARDENING

TRISH GIBSON, AMERICAN HORTICULTURE SOCIETY

Stroll through the AHS exhibit that is located on the USBG terrace. Gather tips that you can implement to create a sustainable garden. Topics will include permeable pathways, strategies for collecting rain water, IPM practices, and others. Tour is outside and canceled if it rains.

Code: TH092408
Date: Wednesday, September 24
Time: 12:00 – 1:00 p.m.
Location: Conservatory Terrace
FREE: Pre-registration Required

LIBRARY OF CONGRESS LECTURE

SPACE-BASED ORNITHOLOGY, MIGRATION, AND GLOBAL WARMING

*JIM SMITH, SR. SCIENTIST, HYDOSPHERIC AND BIOSPHERIC SCIENCES LABORATORY,
NASA GODDARD SPACE FLIGHT CENTER*

What's happening on our planet today? New knowledge and tools for dealing with global climate and natural resource questions have come into our hands because of NASA's observations of Earth from space. Leading scientist, Jim Smith, will convey the latest news and discuss his cutting edge research on space-based ornithology.

Date: Wednesday, September 25
Time: 11:30 a.m. – 12:30 p.m.
Location: Library of Congress – Madison Building, Pickford Theater, 3rd floor
FREE: No Pre-registration Required
For more information contact the Library of Congress at 202-707-5664

FESTIVAL

THE NATIONAL GARDEN'S 3RD BIRTHDAY – A CELEBRATION FOR ALL AGES!

The National Garden is celebrating its 3rd “birthday.” Spend the day exploring the garden and see how it has grown-up over the past three seasons. Experts will be on hand to answer your gardening questions. Discover how to make a rain garden, attract beneficial wildlife, and compost. Children can create a pollinator, wind turbine, or listen to stories. Other activities and demonstrations for all ages will be available. Event will happen rain or shine.

Date: Saturday, September 27
Time: 10:00 a.m. – 4:30 p.m.
Location: National Garden
FREE: No Pre-registration Required

EXHIBIT TOUR

COOL GLOBES

*RAY MIMS, USBG
CONSERVATION HORTICULTURIST*

To underscore the global nature of our impact, Cool Globe sculptures appear throughout the USBG. Cool Globes is an innovative project that uses public art to inspire action. Designed by local, national, and international artists, individuals, schools, and organizations, no two are alike. Each globe depicts positive actions that reduce the impact of humans on earth's fragile environment. See them all and find the one that motivates you to livemore sustainably. Tour is outside and canceled if it rains.

Code: TE100108
Date: Wednesday, October 1
Time: 12:00 – 1:00 p.m.
Location: Conservatory Terrace
FREE: Pre-registration Required

COOKING DEMONSTRATION

FALL HARVEST

CO-SPONSORED BY FRESHFARM MARKETS

A local Chef from the Penn Quarter FRESHFARM Market will share tips for using fresh, seasonal ingredients in meal preparation. Samples and recipes will be provided at the end of the program.

Code: DC100208
Date: Thursday, October 2
Time: 3:00 – 4:30 p.m.
Location: Conservatory Classroom
FREE: Pre-registration Required



WORKSHOP

LEARNING TO SEE THE LIGHT IN THE GARDEN

SANDRA J. WEBER, PHOTOGRAPHER

In photography, it's all about light! Learn how to make your digital photos of plants and gardens more interesting and dramatic with your automatic or SLR-type digital camera. Following a slide-show review of basic digital camera features and controls, with time for questions, we'll practice analyzing the light in the conservatory. The instructor will provide hands-on assistance and demonstrate how to adjust the light with aids such as reflectors and flash. To take full advantage of this workshop, read your camera's manual and practice using the camera's controls. Bring your camera, manual, and fresh batteries to class!

Please note: The workshop will be repeated on Saturday. Please register for either the Friday or Saturday session.

Code: WA100308
Date: Friday, October 3
Time: 8:00 a.m. – 12:00 p.m.
Location: Conservatory Classroom
FRIENDS: \$40
Non Members: \$45
Pre-registration Required

Code: WA100408
Date: Saturday, October 4
Time: 8:00 a.m. – 12:00 p.m.
Location: Conservatory Classroom
FRIENDS: \$40
Non Members: \$45
Pre-registration Required

WORKSHOP

INTRODUCTION TO SUSTAINABILITY

JAIMIE CLOUD, FOUNDER AND PRESIDENT OF THE CLOUD INSTITUTE FOR SUSTAINABILITY EDUCATION

What is sustainability? Why are a growing number of business people, architects, government officials, designers, educators, planners and others talking about it and grappling with it? What changes are being made? What do we need to know? What skills must we develop? Workshop activities include quality of life indicators, common pool resources, economic models, and the ecological literacy skills of sustainability. Attend this workshop to increase awareness, knowledge, and understanding of the core concepts, content, and habits of mind that characterize living and working toward a sustainable future. Become part of a learning community that combines systems thinking, sustainable economics, and the science of sustainability. Lunch is included in the program fee.

Code: WH100808
Date: Wednesday, October 8
Time: 9:30 a.m. – 2:30 p.m.
Location: Conservatory Classroom
FRIENDS: \$25
Non Members: \$30
Pre-registration Required

TOUR

GARDENING FOR WILDLIFE

ROXANNE PAUL, HABITAT EDUCATION PROGRAMS AT NATIONAL WILDLIFE FEDERATION

Have you ever wanted to know how to garden for pollinators and birds? Take a tour through the National Wildlife Federation's Habitat Garden at the USBG. Ms. Paul will introduce the how-to and "What's that?" of a habitat garden. She will also provide the information you need to have your garden certified by National Wildlife Federation as a Habitat Garden. Tour is outside and canceled if it rains.

Code: TH100808
Date: Wednesday, October 8
Time: 12:00 – 1:00 p.m.
Location: Conservatory Terrace
FREE: Pre-registration Required





FESTIVAL

3RD ANNUAL HERBDAY!

Spend the day in the USBG Conservatory celebrating the importance of herbs. Discover the significance of herbs in our lives and the many ways herbs can be used safely and creatively for health, beauty care, and culinary enjoyment. Throughout the Conservatory there will be demonstrations, tours, children's activities, discussions, and information tables. You won't want to miss this amazing opportunity to learn more about herbals.

Date: Saturday, October 11
Time: 10:00 a.m. – 4:00 p.m.
Location: USBG Conservatory
FREE: No Registration Required

LECTURES

HERBDAY! CELEBRATE HERBS AND HERBALISM!

HerbDay was created by the HerbDay Coalition, a group of five herbal non-profit organizations, to raise awareness about the significance of herbs in our lives and the many ways herbs can be used safely and creatively for health, beauty care, and culinary enjoyment. As part of the 3rd annual HerbDay festivities, the USBG will host an all-day series of lectures. Space is available on a first come first served basis.

HERBDAY LECTURES

10:30 - 11:00 A.M.

Ashley Litecky: Designing your Urban Herb Garden
Candice Terrell: Preparing Herbs for Children

11:10 - 11:40 A.M.

Rhonda Kurtis: Teas to Support Winter Wellness
Monica McCollin: Herbal Spa Treatments for Home

11:50 A.M. - 12:20 P.M.

Hannah Pass: Herbal Teas for Stress Management
Gayle Engels: Aphrodisiacs for the Home Gardener

12:30 - 1:00 P.M.

Pat Kenny: Sea Vegetables: Nutrition for Ourselves and Our Gardens
Amanda Hockstein: Herbs and Allergies

1:10 - 1:40 P.M.

Richard Karel: Herbs for Kids Health
Vicki Mattern: Fresh Herbs Within Reach this Winter

1:50 - 2:20 P.M.

Paige Lescure: Brain Food for Aging
Lisa Lachs: Culinary Herbs: Growing, Using, and Storing

2:30 - 3:00 P.M.

Preview of the film "Numen: The Nature of Plants" (80 minutes)
Camille Freeman: Mother's Toolkit

3:10 - 4:40 P.M.

Owen Okie: Ginger: The Rockin' Rhizome

Date: Saturday, October 11
Location: Conservatory Classroom
FREE: No Pre-registration Required





DEMONSTRATION

ORGANIC TURF CARE

ROBERT PRITCHARD, USBG GARDENER SUPERVISOR

This outside demonstration will share the USBG's organic approach to turf care. See what products we use on our turf areas, find out proper times for applications, and discover what tools we use to for maintenance. This program will take place outside and is canceled if it rains.

Code: DH101508

Date: Wednesday, October 15

Time: 12:00 – 1:00 p.m.

Location: National Garden Amphitheater

FREE: Pre-registration Required

WORKSHOP

GARDENERS AND GLOBAL WARMING

KIM WINTER, HABITATS PROGRAM MANAGER AT NATIONAL WILDLIFE FEDERATION

This workshop will educate gardeners about the impacts of global warming, and how they can take actions in their gardens, homes, and communities to limit those impacts. It is based on the National Wildlife Federation's Gardener's Guide to Global Warming, and will provide relevant information for gardeners in the Mid-Atlantic region.

Code: WH101508

Date: Wednesday, October 15

Time: 2:00 – 4:00 p.m.

Location: Conservatory Classroom

FREE: Pre-registration Required

WORKSHOP

BOTANICAL ILLUSTRATION IN EGG TEMPERA

JEAN BRINTON JAECKS, ARTIST

This two-weekend workshop is a historical overview of the egg tempera technique utilized by manuscript artists from the 4th to the 14th century. In a studio setting, students will work from the Botanic Garden's rich collection of flower and plant specimens to design and create their own illumination. The course will examine traditional egg tempera techniques demonstrated by the instructor. Students will learn the grinding of natural mineral pigments, the making of and application of egg tempera paint, as well as raised gold leaf as a manuscript embellishment. The study of manuscripts from the Late Antique to the Renaissance will enhance the learning experience. The course fee includes most supplies: the dry pigments, mortars and pestles, 300lb watercolor paper, egg yolks, 24K gold leaf, gold paint, and dog tooth burnishers. Students need to supply their own watercolor brushes.

Code: WA101708

Date: Friday, Saturday and Sunday, October 17, 18, 19 and 24, 25, 26

Time: 9:30 a.m. – 2:30 p.m.

Location: Conservatory Classroom

FRIENDS: \$350

Non Members: \$375

Pre-registration Required



LIBRARY OF CONGRESS LECTURE

INVASIVE SPECIES IN THE U.S.

JEFF MORISETTE, SR. SCIENTIST, HYDOSPHERIC AND BIOSPHERIC SCIENCES LABORATORY, NASA GODDARD SPACE FLIGHT CENTER

What's happening on our planet today? New knowledge and new tools for dealing with global climate and natural resource questions have come into our hands because of NASA's observations of Earth from space. Leading scientist, Jeff Morisette, will convey the latest news and discuss his cutting edge research on invasive species in the U.S.

Date: Tuesday, October 21

Time: 11:30 a.m. – 12:30 p.m.

Location: **Library of Congress – Madison Building, Pickford Theater, 3rd floor**

FREE: No Pre-registration Required

For more information contact the Library of Congress at 202-707-5664

