LEARN & DISCOVER
classes for adults, youth, & family
FALL • WINTER 2015–2016 • AUGUST–FEBRUARY

REGISTRATION BEGINS AUG 1

MISSOURI BOTANICAL GARDEN
SHAW NATURE RESERVE
Butterfly House
Offered for a diversity of learners, from young explorers to budding enthusiasts to skilled gardeners, our courses have been expertly designed to educate, inspire, and enrich. Most importantly, they are intended to strengthen the connections each of us has with the natural world and all its wonders. Come grow with us!

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And you thought you were just signing up for a fun class.

Whether you visit our family of St. Louis area attractions with family and friends, enjoy membership in our organization, take one of our classes, or experience a special event, you’re helping save at-risk species and protect habitats close to home and around the world.

On behalf of the Missouri Botanical Garden and our one shared planet…thank you.

*To discover and share knowledge about plants and their environment in order to preserve and enrich life.*

—mission of the Missouri Botanical Garden

Site codes:

- **MBG**—Missouri Botanical Garden
- **SNR**—Shaw Nature Reserve
- **BH**—Sophia M. Sachs Butterfly House
- **CBEC**—Commerce Bank Center for Science Education
- **Offsite**—check class listing for address

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ADULT CLASSES

Shaw Nature Reserve pass holders receive member rate for all Nature Reserve classes.

DIY CRAFTS

Creative Flower Arrangements for the Home (MBG)
Creating arrangements from your own yard can be a relaxing and rewarding experience. Join us for one or all three classes in this series. During each class, we will learn about the season’s best plants for cut arrangements that you can grow in your own yard as well as store-bought bouquets and unusual vase ideas. In each class, you will create a seasonal, one-of-a-kind vase arrangement to take home.

Late Summer Harvest
Thursday, September 17
6 to 8 p.m.
$38 members; $46 nonmembers
Missouri Room
Sharon Lloyd

Winter’s Bounty
Tuesday, December 15 or Saturday, December 19
10 a.m. to noon
$38 members; $46 nonmembers
Botanical Room
Sharon Lloyd

The Season of Love
Friday, February 13
10 a.m. to noon
$38 members; $46 nonmembers
Missouri Room
Sharon Lloyd

Gourd Crafting (SNR)
Create a wonderful bowl, vase, birdhouse, or conversation piece to decorate your home. This is the time of season to harvest gourds, and each will have its own unique shape and size. You can use a blade to carve designs or ink to draw your design. All materials are provided.
Friday, October 16
9:30 to 11:30 a.m.
$20 members; $24 nonmembers
Carriage House
Rachel Weller

DIY Wine Bottle Lantern (MBG)
Ever wonder how to safely cut a wine bottle for crafts? Instructor Theresa Hitchcock of Perennial will teach you how and help you create a unique wine bottle lantern. Leave with a tool to cut as many wine bottles as your heart desires and a beautiful lantern for your home or garden. All supplies provided.
Saturday, October 17
10 a.m. to noon
$43 members; $52 nonmembers
Center for Home Gardening Classroom
Theresa Hitchcock, Perennial STL

Scrap Point Landscapes: Fall Harvest (MBG)
Put a spin on the classic art of needlepoint in this sustainable craft class! Suzanne will instruct you on the basics of needlepoint and on how to use scrap fabric and alternative fibers to create a contemporary harvest scene. Walk away with a perfect gift for the holiday season.
Monday, October 19
7 to 9 p.m.
$33 members; $40 nonmembers
Botanical Room
Suzanne Hirth

Living Pumpkin Arrangement (MBG)
Design a living fall display that can last from Halloween to Thanksgiving using plants and dried materials. With moss as your “soil,” decorate a pumpkin with succulents and a variety of cones, leaves, seed pods, and other natural supplies. All supplies provided. Bring gloves if you like.
Wednesday, October 28
6:30 to 8 p.m.
$53 members; $63 nonmembers
Missouri Room
Amy McQueen

Terracotta Planter (MBG)
Learn to make your own terracotta planter with clay artist Mary Henderson. She will teach you how to hand-build a beautiful vessel with nature-inspired decorations. After firing by the instructor, you will have a wonderful planter that you will be proud to call your own. Fired planters will be available for pick-up at the Center for Home Gardening after 11/16.
Monday, November 2
6 to 9 p.m.
$52 members; $62 nonmembers
Botanical Room
Mary Henderson

Think About Tables Workshop (SNR)
Ages 13 and up. In North America, bush honeysuckle (Lonicera maackii) is an invasive species. Yet honeysuckle wood is sturdy and strong, grows in interesting shapes, and is ideal for transforming from a problem into a creative opportunity. View a demonstration and make your own table to take home. All materials included.
Saturday, November 7
9 a.m. to 3 p.m.
$30 members; $36 nonmembers
Edgar Anderson Center Woodshop
Dale Dufer
Basket Making: Weed Basket (MBG)
This fun, 6 x 6” basket is perfect for weeding or a catch-all in your home. It features an inserted reed handle that can hang on a wall or be used on a belt. Practice the techniques of continuous weave, twining, and lashing. Optional spot of color can be added with smoked reed. All weaving materials supplied. Some hand strength needed. A tool list will be provided at registration.
Saturday, November 7
9:30 a.m. to 3 p.m.
$48 members; $57 nonmembers
Missouri Room
Stephanie Arnold

Basket Making: Christmas Tree Basket (MBG)
Create a gift basket or keep it for your holidays to display festive greenery. Basic weave techniques and spot color are used on this beginner basket. This basket is perfect for filling with with pine branches, cones, or other seasonal item. The basket can be adorned with a Christmas tree made from dyed reed, buttons, and a wooden star in the take-home kit. All weaving materials supplied. Some hand strength needed. A tool list will be provided at registration.
Saturday, November 14
9:30 a.m. to 3:30 p.m.
$68 members; $82 nonmembers
Missouri Room
Stephanie Arnold

Weaving Your Own Scarf (MBG) NEW!
Learn how to weave this fall with a blend of natural fibers that might include hemp, cotton, or bamboo. With a pre-warped loom, you will be ready to weave a scarf project during class. This is a great first-time project learning basic tabby weave. You will have several colors to choose from to weave, and all supplies are provided. Bring a sack lunch. Space is limited so register early.
Saturday, November 7
9:30 a.m. to 2:30 p.m.
$66 members; $79 nonmembers
Botanical Room
Jill Kettler

Needle Felting 3D Nature Ornaments (MBG) NEW!
Needle felting is a simple, creative technique where soft strands of colorful wool roving are applied to a base material with a special needle. Felting can be used to embellish just about anything or create 3-D pieces of holiday ornaments, such as holly leaves and red berries. Learn this fun craft from needle artist Suzanne Hirth. The pattern and a needle felting kit will be provided.
Monday, November 9
6 to 9 p.m.
$45 members; $54 nonmembers
Missouri Room
Suzanne Hirth

Holiday Wreaths from Natural Materials (SNR)
Enjoy the fireside as you make a beautiful holiday wreath of fresh greens and other natural materials to take home. You will learn some design techniques and how to apply them to wreath making. All materials provided. Bring pruning shears and garden gloves.
Wednesday, December 3
6:30 to 9 p.m.
$45 members; $54 nonmembers
Adlyne Freund Center
Barb Troutman and Karen Bryan

A “Greener” Holiday Wreath (MBG)
Take a new look at the classic holiday wreath and make it greener and more local. Create a beautiful 20” holiday wreath with a base of evergreens gathered from Shaw Nature Reserve with natural accents collected from Garden and other local sources. All materials will be provided.
No experience necessary, but some hand strength required. Please bring pruning shears, gloves, and any accents you would like to add.
Friday, December 4 (Missouri Room) or Saturday, December 5 (Beaumont Room)
10 a.m. to noon
$45 members; $54 nonmembers
Tamara Palmier

Holiday Candles (SNR)
Create your own candle with wax and natural items. This can also make a great holiday gift. The design is up to you. We will have a few examples for ideas, and we will hand-dip candles. Natural materials for décor and tree cookies for a lovely base will be provided.
Friday, December 18
9:30 to 11:30 a.m.
$20 members; $24 nonmembers
Adlyne Freund Center
Rachel Weller

Discover Kokedama (MBG) NEW!
No room for a hanging basket garden? Learn to make a mini moss and plant garden, based on a traditional Japanese technique, and start a new tradition indoors. Make and take a simple yet elegant string garden for yourself or as a gift! All plants and supplies provided; bring gloves if you prefer.
Saturday, February 6
10 a.m. to noon
$35 members; $42 nonmembers
Botanical Room
Suzanne Hirth

Make Natural Dyes at Home (MBG) NEW!
Jenny Murphy, founder and executive director of Perennial, will show you how to use different plants to make your own dyes naturally at home. Bring any white cotton that you would like to try dying as you will make the dyes and try them out during this class.
Monday, February 8
7 to 8:30 p.m.
$30 members; $36 nonmembers
Perennial STL, Room 125
Jenny Murphy, Perennial STL
**FINE ARTS**

**Watercolor: The Basics and Beyond (MBG)**
The class is designed for the adventurous artist who would enjoy exploring basic as well as advanced watercolor techniques and new materials. With a carefree approach and a little imagination, your creativity will soar. But most of all, you will relax and have fun in the wonderful playground of watercolor. Beginning to intermediate levels.
6 Mondays: September 14, 21, 28; October 5, 12, 19
9:30 a.m. to 9 p.m.
$135 members; $162 nonmembers
Missouri Room
Judy Seyfert

**Interpreting the Landscape in Watercolor (MBG)**
Wherever you look there is a landscape just waiting to be painted. This class is designed to give you the tools to confidently interpret the landscape in watercolor. Students will learn to simplify, edit, and design their own paintings. Some of the topics will include painting land forms such as rocks and mountains, atmospheric skies, and water such as lakes and rivers. Basic watercolor techniques will be covered in the first class. All levels welcome.
8 Thursdays: September 10, 17, 24; October 8, 15, 22; No class on 10/1
9:30 a.m. to noon
$120 members; $144 nonmembers
Garden Room (except 10/8 Center for Home Gardening Classroom)
Tito Gay

**Sketching in the Garden (MBG)**
Capture the beauty of the Garden in watercolor while learning new techniques and composition skills. Through demonstrations and critiques, you will receive individual and group instruction outdoors when weather permits. Beginning and advanced students are welcome.
8 Tuesdays: September 15, 22, 29; October 6, 13, 20, 27; November 3
9:30 a.m. to noon
$180 members; $216 nonmembers
Missouri Room
Mary Dee Schmidt

**Introduction to Oil Painting (MBG)**
For all levels. Vibrant colors, a forgiving medium, following the footsteps of masters—these are all descriptions used for painting in oils. Artist Tito Gay shows the ins and outs of oil painting. Learn about line, brush strokes, color mixing, and composition in the most beautiful garden in the world. A materials list will be provided at registration.
6 Thursdays: September 10, 17, 24; October 8, 15, 22; No class on 10/1
9:30 a.m. to noon
$120 members; $144 nonmembers
Garden Room (except 10/8 Center for Home Gardening Classroom)
Tito Gay

**Watercolor: Art for the Holidays (MBG)**
Ralph Waldo Emerson once said “The greatest gift is a portion of thyself.” What better gift to give than your own personal piece of art? Artists will create small watercolors to be given framed as gifts or used as greeting cards. From landscapes to flowers to abstractions, you will paint dozens of small paintings that will delight you and your friends. Artists of all levels will enjoy the creative process in making these wonderfully unique paintings.
5 Saturdays: October 24, 31; November 7, 14, 21
9:30 a.m. to noon
$110 members; $132 nonmembers
Commerce Bank Education Center, Room 125
10 a.m. to 1 p.m.
$164 members; $196 nonmembers

**All Mixed Up: Winter Drawing (MBG)**
Warm up this winter with a fun look at all types of drawing medium. Spice up your drawing using different techniques with graphite, colored pencil, pastel, ink, charcoal, and more. Jaclyn will demonstrate several exercises using still lifes and plants for inspiration and encourages exploring on your own with photographs. Don’t let your art hibernate this winter. A supply list will be included with your registration.
6 Wednesdays: January 6, 13, 20, 27; February 3, 10 (Snow dates 2/17 or 2/24)
10 a.m. to 12:30 p.m.
$135 members; $162 nonmembers
Garden Room
Jaclyn Lawson

**Capture the Beauty of the Garden in Watercolor (MBG)**
Students will learn to simplify, edit, and design their own paintings. Some of the topics will include painting land forms such as rocks and mountains, atmospheric skies, and water such as lakes and rivers. Basic watercolor techniques will be covered in the first class. All levels welcome.
8 Wednesdays: September 9, 16, 23, 30; October 7, 14, 21, 28
9:30 a.m. to noon
$180 members; $216 nonmembers
Center for Home Gardening Classroom
Jaclyn Lawson

**Warm Up this Winter with Fun at the Garden Reserve (MBG)**
For the watercolor artist, color presents special challenges. In this class artists will increase their knowledge of color by exploring its relationships, including basic color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings.
4 Fridays: January 8, 15, 22, 29
(Snow dates 2/5 or 2/12)
9:30 a.m. to 2 p.m.
$30 members; $36 nonmembers
Carriage House
Jan Trager

**Watercolor: Exploring Color (MBG)**
For the watercolor artist, color presents special challenges. In this class artists will increase their knowledge of color by exploring its relationships, including basic color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings. We will analyze popular color harmonies that create successful paintings.
4 Fridays: January 8, 15, 22, 29
(Snow dates 2/5 or 2/12)
10 a.m. to 1 p.m.
$164 members; $196 nonmembers
 Commerce Bank Education Center, Room 125
Judy Seyfert

**Create in the Natural Beauty of Shaw Nature Reserve by Plein-air Painting (SNR)**
Plein-air, a French word, literally translates as “open air,” and is defined as painting done outside, in the open air. A supply list will be included with your registration. Bring a sack lunch or snack.
Saturday, September 19
9 a.m. to 2 p.m.
$30 members; $36 nonmembers
Carriage House
Jan Trager
PHOTOGRAPHY

Sam Abell Workshop—Overnight (SNR)
For intermediate and advanced levels. Working with renowned photographer Sam Abell, participants in this weekend nature photography workshop will hone their photographic skills and refine their portfolios. One of the most experienced and accomplished teachers and photographers in the field today, Sam will help you define the critical elements of the scene while shooting at Shaw Nature Reserve, one of St. Louis’s outdoor gems. Through outdoor shooting, informal demonstrations, and feedback and review of participants’ work, Sam will help you learn how to see the scene and to clarify and unite it into a polished and expressive image. Participants will also have opportunities for sunrise and sunset shooting in the nearby prairie and wetland. Participants should have a good understanding of basic exposure with natural light and concepts such as aperture, ISO, and shutter speed. Equipment needed: DSLR camera, tripod, lenses that cover wide angle through medium telephoto, and a laptop for image processing and editing. Admission to Thursday night’s lecture at the Missouri Botanical Garden, dormitory-style accommodations in beautiful historic lodges, and all meals are provided. This workshop is limited to 16 participants.

Saturday, September 26 to Sunday, September 27
9 a.m. to 4 p.m.
$550 members; $640 nonmembers
Dana Brown Overnight Center
Sam Abell

Fall Landscapes—Behind the Scenes
For all levels. Participants should have a basic working knowledge of their camera. Join photographer Scott Avetta with back road access to the fall beauty of Shaw Nature Reserve. The small group will hit the areas of greatest potential for strong fall landscapes. At each location, Scott will provide tips on the scene, lighting, and landscape. You will then begin photographing with one-on-one assistance from Scott. The use of a tripod, cable release, and remote, and polarizer is helpful. Dress for being outdoors and wear comfortable shoes for some walking.

Saturday, October 17 or Sunday, October 18
7 to 11 a.m.
$55 members; $66 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Scott Avetta

Capturing Nightscapes and Star Trail Images (SNR)
For intermediate level. No light, no photography? No way! Discover how nighttime can give you some of your most compelling images. Capturing the beauty of the night sky, the Milky Way, and the motions of stars through the heavens is easier than you might think. But there are a few special tricks. This class will demonstrate how you can make images of star trails with your DSLR, from the equipment you’ll need, to step-by-step details on how to get the images, to post-processing techniques to put it all together. We’ll also cover the art of painting with light during long exposures, which allows you to blend land and sky and create truly one-of-a-kind images. Participants should have a good working knowledge of their DSLR, including use of Manual mode, and some knowledge of Photoshop. Part of the class will include a nighttime outdoor demonstration.

Saturday, November 14 (Rain date 11/21)
6 to 9 p.m.
$40 members; $48 nonmembers
Carriage House
Dan Zarflanga

Creating Your Own Light: Fundamentals of Flash Photography
For all levels. Join award-winning nature photographer Greg Basco as he shares his techniques for creating dramatic images using your own light with flash and flashlights. Take the mystery out of using flash as you learn to soften, diffuse, direct, shape, and control the light it provides. Following an engaging presentation highlighting how Greg approaches this process, you’ll spend the rest of the day using your flash equipment to put you on the road to using flash and flashlights in your own photography. You will get instruction on how to use your particular flash, as well as how to use flash to fill in shadows, how to balance natural background with flash on a subject, and how to use flashlights to add interest to photographs. Photographers need to have a good understanding of basic exposure and natural light and concepts such as aperture, ISO, and shutter speed. Equipment needed: DSLR camera or advanced point-and-shoot, hot-shoe mounted flash, and a flash cord or transmitter that gets the flash off the camera. Lunch is provided.

Sunday, December 6
9 a.m. to 4 p.m.
$100 members; $120 nonmembers
Dana Brown Overnight Center
Greg Basco

Shaw Photography Series
The following classes are held at Shaw Nature Reserve and offer a unique experience in the world of photography for all levels (except where noted). Participants must have working knowledge of personal camera.

An Evening with Sam Abell (MBG)
Join us for an unforgettable evening featuring the exquisite nature photography of Sam Abell, one of the most experienced and accomplished teachers and photographers in the field today. Enjoy his stories of over 35 years capturing the beauty of nature as he traveled the globe. From 1970 to 2005, Sam worked for National Geographic as a contract and staff photographer and as a Photographer in Residence. In 1990, his work was the subject of a one-person exhibition at the International Center of Photography in New York. Since then, he has published three collections of his work and maintains a career as a writer, teacher, and lecturer on photography.

Thursday, September 24
7 to 9 p.m.
$28 members; $34 nonmembers
Shoenberg Theater at Missouri Botanical Garden
Sam Abell
Photo Project from Start to Finish
For advanced photographers. Have you ever wanted to challenge yourself with a significant photo project but didn’t know where to begin? Join professional photographer Stewart Halperin and immerse yourself in a project over the span of 3 to 4 months. The first session in January will cover how to develop a project concept and the steps to implement your vision. You will spend time on the editing process, reviewing images submitted by each group member, images presented by Stewart and, finally, images by some of the greatest photographers to learn how they edited their images. Following the first session, each participant will submit 2 topics that they would like to work on. With Stewart’s help, you will select a single topic and get started capturing images. During the shooting period, each participant will have 2 private sessions with Stewart to assess progress and gain insight into whether the concept is being translated into the visual outcome desired. During the final session in April, participants will submit a selection of images that illustrates the project’s theme. Images will be reviewed and critiqued as to which images do the best job of telling the story. Lunch is provided.
2 Saturdays: January 30 and April 30
9 a.m. to 4 p.m.
$300 members; $360 nonmembers
Adlyne Freund Center
Stewart Halperin

Simplifying Your Camera (MBG)
Tired of going through extensive menus, confusing manuals, and not understanding where to start? We will simplify your life by explaining the key functions on your camera, why they are important, and how to use them to your advantage. Throughout this multi-session, hands-on course we will discuss camera settings, ISO settings, white balance, and a few other critical features. Participants should bring a camera and manual to the classes.
2 Tuesdays: September 15, 22
9:30 a.m. to noon
$66 members; $76 nonmembers
Center for Home Gardening Classroom
Scott Avetta
or
2 Wednesdays: September 16, 23
6:30 to 9 p.m.
$56 members; $67 nonmembers
Missouri Room
Scott Avetta

Building a Stronger Composition (MBG)
In this multi-session, hands-on course the focus will be on what makes a stronger composition. During the class we will analyze images and locations, then discuss the strengths and weaknesses within the scene. We will start with the rule of thirds and build on how to tweak it for better images. Leading lines, framing, mergers, and the importance of foregrounds are some of the topics covered.
2 Tuesdays: September 29; October 6
9:30 a.m. to 12:30 p.m.
$84 members; $100 nonmembers
Center for Home Gardening Classroom
Scott Avetta
or
2 Wednesdays: September 30; October 7;
Photo shoot: Sunday, October 11; 7 to 11 a.m.
7 to 9 p.m.
$84 members; $100 nonmembers
Missouri Room
Scott Avetta

Behind the Scenes: Teahouse Island Photography (MBG)
Get rare access to this special non-public space where we will photograph the neutral tone and simple beauty of Nakajima, or Teahouse Island, and its limitless patterns and shapes. Slow down, relax the mind, and see what is in front of you. The creative possibilities are endless. As the light changes so do the images. Space and gear will be limited for this special place! Tripods allowed.
Tuesday, October 13
9:30 a.m. to noon
$52 members; $62 nonmembers
Meet at the Ridgway Visitor Center Ticket Counter
Scott Avetta

Fall in the Japanese Garden (MBG)
This hands-on class will concentrate on the beauty of the Japanese Garden during the fall season. Increase your understanding of lighting, composition, and exposure compensation, and apply them in the field. Participants should have a basic understanding of the camera and the key features. We plan on spending as much time in the field as the weather allows. To learn camera knowledge consider taking Simplifying Your Camera (see page 12).
Tuesday, October 20
9:30 a.m. to noon
$35 members; $42 nonmembers
Center for Home Gardening Classroom
Scott Avetta

Exploring Light in Photography (MBG)
In this multi-session, hands-on course you will obtain a better understanding of light and its importance in creating photographs with a stronger impact. Learn about the different types of light and how to best use them in the field. We will discuss lighting conditions, weather, and exposure compensation along with other topics. Lighting plays a role in everything from subject selection to lens choice. Participants should know the basic functions of a camera.
3 Tuesdays: November 3, 10, 17
9:30 a.m. to 12:30 p.m.
$108 members; $130 nonmembers
Center for Home Gardening Classroom
Scott Avetta

Creative Photography—Breaking the Rules (MBG)
We will discuss going beyond just documenting the subject. You will learn about some of the barriers we face when behind the camera and some ideas on how to go beyond the standard or safe shot. Subjects like shape, limited depth of field, and camera blur will be discussed. A Sunday morning field trip is included. Participants should know the basic functions of a camera and bring the camera to all classes.
3 Wednesdays: November 4, 11, 18
7 to 9 p.m.
Photo shoot: Sunday, November 8
7 to 11 a.m.
$120 members; $144 nonmembers
Missouri Room
Scott Avetta

Storrtelling—How to Create Beautiful and Compelling Photo Slideshows
For all levels. Take your storytelling beyond the single frame and learn tools and techniques for assembling your photographs into beautiful slideshows that you can share with your friends and family. The class will include lessons on choosing images, selecting music, transitions, and titles along with instructions on how to share your finished slideshows via social media sites like Facebook, Google+, YouTube, and Vimeo. Lunch is provided.
Saturday, February 20
9 a.m. to 3 p.m.
$65 members; $78 nonmembers
Adlyne Freund Center
Jeff Hirsch

To register go to www.mobot.org/classes
Photographer Night: Self-guided, Garden Glow (MBG)
Join us for an exclusive self-guided photographer’s night at the Garden Glow, where you have the only opportunity to use a tripod during this amazing seasonal event. With fewer crowds, capture the Garden in full twinkling color and practice your skills. Please review the attached photo guidelines.
Monday, December 7
6 to 9 p.m.
$46 members; $58 nonmembers
Meet at the Ridgway Visitor Center Ticket Counter
MBG staff

Capturing the Garden Glow (MBG)
Influenced by the Garden’s global reach, Garden Glow will celebrate the holiday season with the colors of the world in brilliant light and interactive fun. With tips and tricks from your professional photography instructor, you will take wonderful photos of the Garden filled with light. Class fees include admission to the event as well as instruction and outdoor photo shoot. The use of a tripod is highly recommended.
Monday, December 7
4:30 to 6:30 p.m.
$54 members; $65 nonmembers
Meet at the Ridgway Visitor Center Ticket Counter
Scott Avetta

Wildlife Photography (MBG) NEW!
From backyard birds to wildlife travels to the local zoo, learn some tips and tricks to get sharper and more dramatic images in all these situations. We will touch on camera settings, equipment, and options (without breaking the bank).
The importance of light, composition, and planning will be some of the topics covered.
Saturday, January 16
10 a.m. to noon
$28 members; $34 nonmembers
Missouri Room
Scott Avetta

Behind the Scenes: Orchid Show Photography (MBG)
Get rare access to the Orchid Show to take photos with professional assistance. This class will have the special privilege of taking photographs after hours using tripods and flash photography to capture those gorgeous flowers. We will have a brief discussion on subject selection and composition at the start of the class. A flash is not needed for this class but will be allowed.
Wednesday, February 17 or Monday, February 22
5:30 to 8 p.m.
$50 members; $60 nonmembers
Meet at the Ridgway Visitor Center Ticket Counter
Scott Avetta

Butterfly House Photography Series (BH)
The following photography classes are held at the Butterfly House and provide rare access with professional assistance using a tripod in the tropical conservatory. Participants should have a basic understanding of their camera’s features.
Meet at the Butterfly House front desk
Scott Avetta

Behind the Scenes: Owls and Orchids Photography
This class will offer the special privilege of taking photographs during October Owls and Orchids at a time when the Butterfly House is closed to the public. More than 1,000 Owl butterflies fill our Conservatory, and we also offer more than 200 blooming orchids in natural light and a natural setting. Gets rare access to the Butterfly House to take photos with professional assistance using a tripod.
Monday, October 12 or October 19
9:30 a.m. to noon
$40 members; $50 nonmembers
Meet at the Butterfly House front desk
Scott Avetta

Traveling the World in a Cup of Tea (MBG)
“Visit” a variety of regions and experience fine handcrafted organic teas. Learn about the people who create them and how your tea enjoyment aids them and their care of our planet. Find out how the tea world is changing and responding to our demands for sustainability. Lots of tea sampling!
Tuesday, September 8
7 to 8:30 p.m.
$21 members; $25 nonmembers
Commerce Bank Education Center, Room 125
Kateri Meyer

Making Sushi (MBG)
Did you enjoy sushi at the Japanese Festival and now want to make it yourself? Here’s your chance! Vicki will teach you techniques for making the perfect rice and several different types of sushi rolls in this fun, hands-on class. If you are unsure about eating raw fish but still want to enjoy sushi, this class is for you, as we will be using cooked fish and fresh vegetables.
Thursday, September 10
10 a.m. to noon
$42 members; $50 nonmembers
Center for Home Gardening Classroom
Vicki Bensinger

Wok and Talk III: Eastern Chinese Cuisine (MBG)
Chinese-American chef Theresa Liu will demonstrate Chinese Eastern cuisine by blending flavors and styles from Shanghai and Fuzhou. Both sweet and tangy sauces are formed by mixing soy, rice wines, and vinegars. Popular dishes are sweet and sour spareribs, fish filets with wine sauce, Shanghai meatballs with green vegetables, Young Zhao fried rice, and rice pudding with eight treasures.
Saturday, September 12
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Theresa Liu

**FOOD AND COOKING**
All cooking classes are demonstrations only unless otherwise noted. Chefs serve sample-sized portions of their recipes.

**CULTURAL INSPIRATIONS**

To register go to www.mobot.org/classes
Cooking in the Spirit of Henry Shaw
We’re hosting a cooking class in honor of our favorite St. Louisan, the Garden’s founder, Henry Shaw. This unique class will begin in the Center for Home Gardening classroom, where Jane will prepare recipes inspired by the Tower Grove House’s cookbook, including a pot roast, Yorkshire pudding, and apple custard pie. Next, we will take a short walk to tour Tower Grove House and hear about Henry Shaw and what was grown during his lifetime. Please note: Due to its historic nature, Tower Grove House is not wheelchair accessible.

Thursday, October 15
11 a.m. to 1:30 p.m.
$42 members; $50 nonmembers
Center for Home Gardening Classroom
Jane Muscroft and Tower Grove House staff

Holiday English Tea (MBG)
A new annual tradition, take your guest to England without leaving St. Louis by learning how to make food for a true English tea with Jane Muscroft. Sample real clotted cream and homemade scones fresh from the oven, along with other recipes featuring foods and flavors of the holiday season served with quality loose leaf tea. Stroll the English Woodland Garden afterwards to complete the experience!

Tuesday, December 1 or Thursday, December 3 or Monday, December 7
10 a.m. to noon
$40 members; $48 nonmembers
Center for Home Gardening Classroom
Jane Muscroft, Queen’s Cuisine LLC

Wok and Talk IV: Sichuan Cuisine (MBG)
Chinese Western (Sichuan) Cuisine is known for its bold spiciness from garlic, chili peppers, and Sichuan peppercorns. Chinese-American chef Theresa Liu will demonstrate cooking popular dishes including Kung Pao chicken, hot and sour soup, spicy eggplant, stir-fried beef with hot chili peppers, and Ma Po tofu in this class you simply won’t want to miss!

Saturday, November 7
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Theresa Liu

Perfect Pears (MBG)
Pears are bountiful in the markets, but which type of pear do you choose? Lana will discuss hints and tips for selecting just the right pear for the right recipe. Sample four different varieties and decide for yourself. She will demonstrate the flavorful recipes for pear, apple sausage, and cheese bites; fresh pear with blue cheese and local prosciutto; and the amazing pear and greens with warm Brie cheese dressing. You may discover that you are a pear lover after this class.

Monday, September 21
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Lana Shepek

Tasty Quick Breads (MBG)
Learn how to make fresh and fabulous quick breads for your holiday. Lana will demonstrate apricot nibble bread, meal in a muffin (perfect for holiday family gatherings), and lovely Gift of the Magi bread. Plus learn how to make easy, flaky biscuits with sweet whipped honey butter that will please even your pickiest guests.

Monday, November 2
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Lana Shepek

Urban Chestnut Brewing Company: Making Earth-Friendly, Sustainable, and Delicious Beer (Off-site)
Join Florian Kuplent, Brewmaster and Co-Founder of Urban Chestnut Brewing Company, in this informative class as he describes the sustainable and environmentally friendly brewing process at their LEED-Certified Grove Brewery and Bierhall. Free samples of their beers included! Sign up early; registrations are limited. Must be 21 or older.

Tuesday, September 1
7 to 8:30 p.m.
$20 members; $25 nonmembers
Urban Chestnut Brewing Company
4465 Manchester Avenue St. Louis, MO 63110
Meet at Urban Chestnut meeting room
Florian Kuplent

Death by Chocolate: The Dark Side (MBG)
Attention Chocolate Lovers: this class is not for the faint of heart! Brought back by popular demand, Kakao chocolatier Tori McCarty returns to create bacon brownies, triple chocolate chip cookies, Bailey’s Irish Cream cupcakes, and a variety of truffles for you to taste. This class can’t be missed—it’s simply too die for!

Saturday, October 24
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Tori McCarty, Kakao Chocolate
NEW! Scrumptious Squash (MBG)
Discover the amazing varieties of squash available in our area and sample several grown locally. Lana will teach you how to prepare winter squash risotto with seasonal local apples, roasted winter squash and pears with honey glaze and marcona almonds, and bake a pumpkin pie perfect for your holiday meals. Learn new ideas and share the bounty of fall squashes with friends and family.
Monday, October 19
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Lana Shepek

NEW! Hearty Soups (MBG)
Back by popular demand, with all-new recipes! What better time to learn how to make delicious homemade soup than on a chilly autumn day? Our favorite English chef, Jane Muscroft, demonstrates how to prepare her famous pumpkin, creamy tomato basil, and spicy chicken and bean soups. As always, Jane serves soup samples accompanied by warm, homemade bread! So grab a spoon and join us for a perfect fall cooking class.
Thursday, November 5 or Tuesday, November 17
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Jane Muscroft, Queen’s Cuisine LLC

NEW! Gifts from the Kitchen (MBG)
Holiday parties, gift exchanges, hostess gifts—it’s the season of giving (and receiving), and what better way to show someone you care than by making a gift yourself? In this new class, Diana Smith will show us how to make chunky granola with nuts and dried fruit, espresso herb rub for meats, herb-infused honey, blueberry syrup, and deluxe lavender body butter. Get a head start on those gifts!
Thursday, November 19
10 a.m. to noon
$42 members; $50 nonmembers
Center for Home Gardening Classroom
Diana Smith

NEW! Candy-Making (MBG)
Do you dream of candy? Do you dream of making it yourself? Join Brian Pelletier, chief chocolatier at Kakao Chocolate, as he shares his candy knowledge and recipes, and demonstrates how to make mouth-watering treats. You’ll learn the old-fashioned techniques to use in your own kitchen and get some ideas to put new twists on your traditional recipes for hard candies, caramels, homemade marshmallows, and pates de fruits (a.k.a. fruit gels) made with seasonal fruits.
Saturday, November 14
10 a.m. to noon
$37 members; $43 nonmembers
Center for Home Gardening Classroom
Brian Pelletier, Kakao Chocolates

Choosing Tea with the Planet in Mind (MBG)
Tea (Camellia sinensis), with its origins in ancient China, at this time is not readily available locally. That is changing. Also, in addition to traditional tea there are many other plants that can be enjoyed in similar fashion: guayusa, yaupon, and cacao (yes, chocolate) that are being grown or harvested in sustainable ways, create income for indigenous people, and utilize growing methods that support our planet rather than tearing down rainforests. Learn about where tea and these other plants grow, what is changing in the world of tea, and how you can enjoy it all in good conscience. Lots of tea sampling!
Tuesday, January 5
7 to 8:30 p.m.
$21 members; $25 nonmembers
Commerce Bank Education Center, Room 125
Kateri Meyer

Be sure to check out Herbs for Teas on page 22

Small Space Gardening (MBG)
Small spaces can provide big impact. We will discuss the many creative ways to design a small space for beauty and function. Using color, line, and form, learn how to make a small space appear larger. Learn types of trees, shrubs, groundcovers, and perennials that grow well in that environment as well as growing techniques such as vertical and container gardening.
Thursday, November 5
6 to 8 p.m.
$28 members; $34 nonmembers
Missouri Room
Sharon Lloyd

Be sure to check out Monarchs of Missouri on page 34

Easy Tree I.D. for Beginners (MBG)
Do you ever wonder about the trees in your neighborhood? Can you tell the difference between a native tree and an invasive thug? Maybe it’s time to take a beginner’s Tree I.D. class! Learn about the trees that make up your world. Join certified arborist Mike Walsh, a forester and nurseryman with Forest ReLeaf of Missouri, as he eases students into this multi-day learning experience through a PowerPoint presentation and lots of time on the Garden grounds. What better place to learn about trees than the best garden in the world!
3 Tuesdays: September 15, 22, 29 (Rain date 10/6)
5 to 7 p.m.
$84 members; $100 nonmembers
Missouri Room
Mike Walsh

To register go to www.mobot.org/classes

To register go to www.mobot.org/classes
Native Plant School (SNR)

Native Plant School is a year-round series of indoor/outdoor classes in the Whitmire Wildflower Garden at Shaw Nature Reserve that covers various aspects of native landscaping. Please bring your questions, comments, drawings, and plant specimens. Participation from the audience is encouraged. Native Plant School at Shaw Nature Reserve is underwritten by the Missouri Department of Conservation and Wild Ones Natural Landscapers.

1 to 4 p.m.
$14 members; $17 nonmembers
Carriage House
Scott Woodbury

If You Plant It, They Will Come —Gardening for Pollinators

Join native landscaping consultant and designer Susie Van de Riet for a look at insect pollinators and the native plants they most desire. Come learn how to best select native plants to attract garden pollinators. Class will be part indoors and part outdoors, so dress for the weather.

Thursday, September 10

Gardening with Asters and Goldenrods

Asters and goldenrods provide vital fuel in the form of nectar to monarchs during their migration to Mexico in late September and October. They also add beauty to the garden and feed a wide variety of other butterflies, skippers, bees, and wasps. Come learn about the many different species for sun, shade, rain gardens, hedges, and more.

Thursday, October 8

Growing Native Trees and Shrubs from Acorns, Nuts, and Berries

Growing native trees and shrubs is a challenge, but it is well worth the effort. Entomologist Doug Tallamy states that the best trees for wildlife are oak, willow, plum, wild cherry, river birch, cottonwood, hickory, hawthorn, and walnut, to name a few. Come learn how to propagate these and other trees and shrubs that are vital food for insects and birds.

Thursday, November 12

Woodland Restoration Workshop

Are you battling a heavy infestation of bush honeysuckle on five to one hundred acres of woodland? In this class we will explore the challenges of bush honeysuckle in large-scale areas. Instruction will focus on the best removal practices, forest thinning, reseeding/replanting with appropriate native plants, and long-term maintenance. Annual scouting, spot spraying, and prescribed burning are the key maintenance components in the fight to tilt the battle in your favor.

Thursday, January 14

Converting Lawn to Seeded Prairie or Savanna

Do you have too much lawn? Are you sick of cutting all the grass? Doug Tallamy states that there are over 40 million acres of lawn, more than all of the U.S. National Parks combined. Our children need a place to play ball, our pets need elbow room to romp, but what about that extra room to romp, but what about that extra lawn that nobody uses? It’s a good time to get serious about converting that turf to prairie or savanna. Come learn how to create a natural-style landscape with high diversity and low maintenance.

Thursday, February 11

Become a Great Gardener (MBG)

This series of classes is designed for beginners just getting into gardening.

Low-Maintenance Perennials

Every gardener wants beautiful flowers, but they don’t have endless hours to work in the garden. Dig deep into the top 20 plants for the St. Louis garden in sunny and shady areas. Includes a short walk.

Thursday, September 10
6 to 8 p.m.
$28 members; $34 nonmembers
Missouri Room
Sharon Lloyd

Fall Container Gardening

Are you container gardening? Get ready for fall with some exciting new plant combinations that will dazzle your friends and family. This is a hands-on class so come prepared to play in the dirt and take home your own 10 inch container creation. Includes a short walk.

Tuesday, October 6
10 to 11 a.m.
$44 members; $53 nonmembers
Botanical Room
Sharon Lloyd

Putting Your Garden to Bed

Fall is a great time to pull out the honey-do list. Learn what tasks you should focus on for fall and which ones should be done in the spring. Learn about creating new beds, pruning, mulching, and how to take cuttings of your favorite annuals to overwinter. Includes a short walk.

Thursday, October 15
6 to 8 p.m.
$28 members; $34 nonmembers
Missouri Room
Sharon Lloyd

Winter Container Gardening

Containers don’t have to be empty all winter. Using cut evergreens, interesting twigs, cones, and other natural items, learn creative ways to jazz up your containers for the winter season. Create a 10-inch winter container to take home in this hands-on class. Create a 10-inch winter container to take home in this hands-on class. Includes a short walk.

Sunday, November 29
1 to 3 p.m.
$44 members; $53 nonmembers
Botanical Room
Sharon Lloyd

CULTURAL GARDENS

Mission Not Impossible: Perennial Borders (MBG)

Without spending lots of money on plane tickets, see plants from Russia, Georgia, and many other places. Mariel combines these rare and unusual plants with more common plants to create amazing perennial borders. Learn about what plants have grown well in the St. Louis area and where those species grow and then take a tour of the area and see them in their fall glory. Look closer and gain a new appreciation of the Garden’s plant collection.

Saturday, September 26
10:30 a.m. to noon
$21 members; $25 nonmembers
Garden Room
Mariel Tribby

To register go to www.mobot.org/classes
**Planning Your Organic Vegetable Garden (MBG)**

Are you dreaming of fresh lettuce, tasty tomatoes, and crisp cucumbers? January is great time to get out your seed catalogs and plan your spring and summer vegetable garden. You will learn about site selection, soil preparation, vegetable suggestions, and general organic gardening techniques. You will have a chance to plant some early seeds to take home. Make 2016 the year of the best vegetable garden.

**Saturday, January 23**
10 a.m. to noon

$33 members; $40 nonmembers
Missouri Room
Cheryl Rafert and Tammy Palmier

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**Herbs for Teas (MBG)**

Get those herbs out of the Garden and into a teapot, pronto! Webster Groves Herb Society members show you different techniques to preserve your fall bounty and blend herbs into lovely teas. If you don’t have an herb garden, get tips on where to find dried herbs for teas. Sample a cup and a complimentary herbal snack. Go home with ideas to prepare delicious teas, plus a bonus herb plant to overwinter.

**Saturday, September 19**
10 a.m. to noon

$33 members; $40 nonmembers
Garden Room
Webster Groves Herb Society

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**Organic Heirloom Vegetables (MBG)**

Heirloom vegetables are open-pollinated, non-hybrid plants that have been around for generations. Discover how adding heirloom vegetables to your garden can reward you with flavorful and colorful new produce. Learn how to select, grow using organic methods, and harvest heirloom vegetables. Seed saving will be included. You will plant heirloom seeds in a small plot, which you can take home for transplanting in the spring.

**Saturday, February 27**
10 a.m. to noon

$33 members; $40 nonmembers
Missouri Room
Cheryl Rafert

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**MBG’s Favorite Tools of the Trade (MBG)**

What are the Garden horticulturists’ secrets to friable, well-drained soil? Learn about these tricks and many other tools of the trade including the best pruning tools, soil mixes, and hori-hori knives in this fun and informative class filled with the staff’s favorites things. Discover what tools help make the Garden gorgeous for millions of visitors.

**Tuesday, September 8**
7 to 9 p.m.

$28 members; $34 nonmembers
Garden Room
Jason Delaney

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**Cold-Hardy Cacti and Succulents (MBG)**

Learn how to plant and maintain a cold-hardy cactus and succulent garden. Topics will include: amending your soil; handling spiny, prickly plants; strategic plant placement to protect against harsh winters or full summer sun; identifying plants with successful growing records in St. Louis climate; where to buy cold-hardy plants; and more.

**Tuesday, September 22**
7 to 9 p.m.

$28 members; $34 nonmembers
Missouri Room
Henry Shaw Cactus and Succulent Society

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**Native Medicinal Plants (MBG)**

Native Americans and pioneers in this area saw a rich pharmacopeia of medicinal plants among the native plants, and used the local flora to treat a wide variety of ailments. This course will be split into two classes: the first class will concentrate on useful native plant species, their identification, historical use, and habit while the second class will be a hands-on workshop on how to process the plants into a take-home product.

**2 Saturdays: September 19 and 26**
10 a.m. to noon

$60 members; $72 nonmembers
Center for Home Gardening Classroom
William L. Brown Center staff

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**Be sure to check out Wild Edibles on page 35**
The Frugal Gardener (MBG) NEW!
Save some money (and the planet)! Learn helpful techniques and tips, from re-purposing containers to using free fertilizer to how to make your own self-watering pot. Gardeners are inherently resourceful, but Sharon will show you how to increase efficiency, use less, and save money.
Saturday, January 9
10 a.m. to noon
$28 members; $34 nonmembers
Botanical Room
Sharon Lloyd

Growing Annuals from Seed (MBG)
Growing annuals from seed can be an inexpensive and rewarding way to beautify your yard, patio, or balcony. Learn which annuals are the easiest to grow and the proper techniques to be successful, including soilless-media, containers, watering, lighting, and transplanting. Take home annual seeds to get you started.
Saturday, January 23
10 a.m. to noon
$30 members; $36 nonmembers
Botanical Room
Sharon Lloyd

Fairy and Gnome Miniature Gardens (MBG)
Where did the fairy garden first come from? Let your imagination be your guide as you create a magical miniature garden of your own. All necessary materials are included to create a 12” landscape. Feel free to bring your own unique adornments or accessories, if you like.
Tuesday, January 12
6 to 7:30 p.m.
$48 members; $58 nonmembers
Botanical Room
Sharon Lloyd

Growing Orchids at Home (MBG)
Have you resisted buying that intriguing orchid, or are you unsure on how to encourage best bloom performance? Come and learn about light, temperature, water requirements, and fertilizing for a variety of popular orchids. This course is appropriate for both orchid novices and enthusiasts.
Tuesday, October 6
7 to 9 p.m.
$28 members; $34 nonmembers
Missouri Room
Babs Wagner

Caring for Houseplants (MBG)
Think you have a black thumb? Anyone can grow houseplants, even the busiest and most negligent among us. In this class, learn about the basic needs such as potting, fertilizing, watering, specific growing conditions, and signs of problems. Propagation will be discussed. Pot up a small plant to get your collection started. Designed for adults only.
Tuesday, October 13
6 to 8 p.m.
$30 members; $36 nonmembers
Botanical Room
Sharon Lloyd

Spring Bulbs 101 (MBG)
Ever wonder how the Garden gets its spring bulbs to look so darn good? Learn from bulb expert Sophia which bulbs work best in St. Louis, how and when to plant, and see a demonstration involving soil preparation and different ways to dig—trenching vs. tillng. Sophia will also talk about bulb companion planting and lessons learned from the Garden. And attendees won’t go home empty-handed; each person will receive some “MBG-approved” bulbs that are sure to get you motivated in your fall garden.
Saturday, October 17
10 a.m. to noon
$38 members; $44 nonmembers
Botanical Room
Sophia Warsh

Exploring the Magic of Witch Hazels (MBG)
You won’t find many shrubs in Missouri that flower when it’s snowing, but that’s only one of the many beautiful aspects of witch hazel, or Hamamelis. There are many native varieties and unusual species in the Garden’s extensive collection. Learn the history and medicinal uses of this unique shrub as horticulturist Sara Murphy gives you some background information in the classroom, and then takes you into the Garden to enjoy them in their full glory.
Saturday, February 20
10 a.m. to 11:30 a.m.
$21 members; $24 nonmembers
Missouri Room
Sara Murphy

To register go to www.mobot.org/classes
LANDSCAPE DESIGN IDEAS

Home Landscape Design (MBG)
Transform your home landscape into a natural oasis that’s both beautiful and beneficial to the environment. Beginning with the basics of design, you will learn about front plantings, energy conservation, and plant selection for your yard. Develop a landscape plan during class for your own yard, and study plant material independently. Some gardening experience recommended. Bring photos of your yard to the first session.
6 Wednesdays: September 16, 23, 30; October 7, 14, 21
(On grounds walk on 9/30 from 5:30 to 6:30 p.m.)
6:30 to 9 p.m.
$144 members; $173 nonmembers
Botanical Room
Randall Mardis

Downsizing Your Garden (MBG)
Learn tips and tricks to make your garden less work and easier on your knees as you and your garden mature—think more shrubs and fewer annuals. Terry will highlight plants that give you color but don’t have to be deadheaded, how to subtract some plants that don’t perform, and give you permission to ditch those fussy plants that need too much work. Sometimes less is more when you make the right choices (and subtract the wrong ones).
Monday, September 21
7 to 9 p.m.
$28 members; $34 nonmembers
Botanical Room
Terry Milne

Designing with Ornamental Grasses (MBG)
Explore the ever-expanding selection of ornamental grasses. They offer a great diversity of textures, form, and size, and have become a major building block in garden design and specimen plantings. Care, culture, and propagation will be discussed. Class includes a short walk around the Kemper Center Demonstration Gardens.
Thursday, September 24
10 a.m. to noon
$28 members; $34 nonmembers
Center for Home Gardening Classroom
Sharon Lloyd

Gardening Under Trees (MBG)
Are you faced with the ever-present challenge to landscape beneath trees in your yard? Join us as we explore solutions to create a garden full of color and texture in shady environments; then take a walking tour through the Garden to see prime examples. Class will finish in the Strassenfest Garden.
Monday, September 28
5 to 7 p.m.
$28 members; $34 nonmembers
Botanical Room
James Wagner

Landscaping Your Yard for Four Seasons (MBG)
It’s not just the flowers that make a garden beautiful! Foliage, color, bark, and contrasting texture can add the impact you are looking for. In this class we will look at tree and shrub selection, bulbs, perennials, and annuals that will keep your garden interesting throughout the year! Includes a short walk.
Thursday, February 11
6 to 8 p.m.
$28 members; $34 nonmembers
Missouri Room
Sharon Loyd

Curb Appeal (MBG)
Are you looking to add a little curb appeal to your landscape? Whether you have a small city yard or a large corner lot, learn how to transform your boring yard into a beautiful, beneficial, and diverse oasis that humans and wildlife can enjoy together.
Tuesday, November 17
7 to 9 p.m.
$28 members; $34 nonmembers
Botanical Room
Sharon Loyd

“I enjoyed everything about this class including the PowerPoint with accompanying handout, outstanding teacher, and the walk in the Garden to see the actual plants!”
Plants in the City: Vacant Lots Come Alive in Historic Neighborhood (Off-site)
Discover exciting projects popping up in Old North St. Louis bringing life back to vacant lots throughout the area. Learn how a joint project between the City of St. Louis and Washington University grew to transform a vacant lot into a community asset that advances sustainability. During this program, meet the Sunflower+ Project team leader and Garden staffer, Richard Reilly, on the project site for a guided tour. Participants will learn about a historic neighborhood in a state of positive transition, vacant lots and land use and re-utilization in the city, and how— together— sustainable and creative land use strategies give these empty lots new meaning. To top it all off, we’ll finish up with a milkshake from Crown Candy! What could be better?

Saturday, September 19
10 a.m. to noon
$30 members; $36 nonmembers
Sunflower + project site, 14th and Warren Streets St. Louis, MO
Richard Reilly

Leaving for the Landfill (Off-site-ISEI Landfill)
In this popular field trip, we’ll journey to see where our trash ends up when we throw things “away.” With a guided tour through a local landfill, participants will learn for themselves why it’s so important to think about reducing, reusing, and recycling. The bus will depart from the Commerce Bank Education Center. This program is supported by funding from the St. Louis Jefferson Solid Waste Management District.

Tuesday, September 15
3:30 to 6 p.m.
$40 members; $50 nonmembers
Meet at Commerce Bank Education Center Lobby
Kat Golden

Increasing Home Comfort, Health, and Safety While Saving Energy and Money (MBG)
Join Richard Reilly, Residential Energy Programs Manager at the EarthWays Center, to learn the interrelationships of indoor health and energy consumption. In this class you will learn how to analyze where and how your home performs now and map out an effective plan for the future to improve comfort and save money. You’ll walk away with at least three new ideas on making smart decisions about healthy energy efficiency improvements and how to track your successes in the future! Space is limited, so register early!

Monday, November 16
6:30 to 8:30 p.m.
$20 members; $24 nonmembers
Commerce Bank Education Center, Room 125
Richard Reilly

Green Furniture Refinishing and Upholstery (MBG)
Learn how to refinish furniture from Jenny Murphy, founder and executive director of Perennial. Jenny will show you how to refinish and upholster a chair using sustainable, natural strippers and finishes (and how to make your own stains!). Get away from harsh chemicals and learn how to refinish in a more natural way.

Tuesday, January 12
7 to 9 p.m.
$30 members; $36 nonmembers
Commerce Bank Education Center Room 125
Jenny Murphy, Perennial STL

Wilderness Wagon Tour
Climb aboard the Wilderness Wagon for a 3-mile tour around Shaw Nature Reserve’s main loop road. The tour will inform you about the history of the property and how it has changed through the years from the Gray Summit Extension, to The Arboretum, and finally to today’s Shaw Nature Reserve. Our long-time volunteers will narrate the tour to share our history.

Friday, September 4
10 a.m. to noon
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff

Cemetery Tour
This night hike will lead you by the lone tombstone in the Whitmire Wildflower Garden and to the Roberts cemetery where the last burial was 1868. As we hike by the light of the moon, you will hear the stories of the 5 families that lived on the land that is now Shaw Nature Reserve. We will see if any spirits roam the Reserve.

Tuesday, October 27
7 to 9 p.m.
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Aileen Abbott

Inside Look at Shaw Nature Reserve (SNR)
Shaw Nature Reserve staff and volunteers will share the history of the Reserve with you through pictures or take you on a tour around the property or behind the scenes in our historic buildings. Registration encouraged. Walk-ins welcome.

Saturday, September 19
10 a.m. to noon
$8 members; $10 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff

Inside Look at Shaw Nature Reserve (SNR)
Shaw Nature Reserve staff and volunteers will share the history of the Reserve with you through pictures or take you on a tour around the property or behind the scenes in our historic buildings. Registration encouraged. Walk-ins welcome.

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Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff

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Monday, November 16
6:30 to 8:30 p.m.
$20 members; $24 nonmembers
Commerce Bank Education Center, Room 125
Richard Reilly

Green Furniture Refinishing and Upholstery (MBG)
Learn how to refinish furniture from Jenny Murphy, founder and executive director of Perennial. Jenny will show you how to refinish and upholster a chair using sustainable, natural strippers and finishes (and how to make your own stains!). Get away from harsh chemicals and learn how to refinish in a more natural way.

Tuesday, January 12
7 to 9 p.m.
$30 members; $36 nonmembers
Commerce Bank Education Center Room 125
Jenny Murphy, Perennial STL

Wilderness Wagon Tour
Climb aboard the Wilderness Wagon for a 3-mile tour around Shaw Nature Reserve’s main loop road. The tour will inform you about the history of the property and how it has changed through the years from the Gray Summit Extension, to The Arboretum, and finally to today’s Shaw Nature Reserve. Our long-time volunteers will narrate the tour to share our history.

Friday, September 4
10 a.m. to noon
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff

Cemetery Tour
This night hike will lead you by the lone tombstone in the Whitmire Wildflower Garden and to the Roberts cemetery where the last burial was 1868. As we hike by the light of the moon, you will hear the stories of the 5 families that lived on the land that is now Shaw Nature Reserve. We will see if any spirits roam the Reserve.

Tuesday, October 27
7 to 9 p.m.
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Aileen Abbott

Inside Look at Shaw Nature Reserve (SNR)
Shaw Nature Reserve staff and volunteers will share the history of the Reserve with you through pictures or take you on a tour around the property or behind the scenes in our historic buildings. Registration encouraged. Walk-ins welcome.

Saturday, September 19
10 a.m. to noon
$8 members; $10 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff

Increasing Home Comfort, Health, and Safety While Saving Energy and Money (MBG)
Join Richard Reilly, Residential Energy Programs Manager at the EarthWays Center, to learn the interrelationships of indoor health and energy consumption. In this class you will learn how to analyze where and how your home performs now and map out an effective plan for the future to improve comfort and save money. You’ll walk away with at least three new ideas on making smart decisions about healthy energy efficiency improvements and how to track your successes in the future! Space is limited, so register early!

Monday, November 16
6:30 to 8:30 p.m.
$20 members; $24 nonmembers
Commerce Bank Education Center, Room 125
Richard Reilly

Green Furniture Refinishing and Upholstery (MBG)
Learn how to refinish furniture from Jenny Murphy, founder and executive director of Perennial. Jenny will show you how to refinish and upholster a chair using sustainable, natural strippers and finishes (and how to make your own stains!). Get away from harsh chemicals and learn how to refinish in a more natural way.

Tuesday, January 12
7 to 9 p.m.
$30 members; $36 nonmembers
Commerce Bank Education Center Room 125
Jenny Murphy, Perennial STL

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Climb aboard the Wilderness Wagon for a 3-mile tour around Shaw Nature Reserve’s main loop road. The tour will inform you about the history of the property and how it has changed through the years from the Gray Summit Extension, to The Arboretum, and finally to today’s Shaw Nature Reserve. Our long-time volunteers will narrate the tour to share our history.

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**History of the Lodges**

There are 6 log buildings on our property that comprise the Dana Brown Overnight Center, an off-the-beaten-path area. We will tour the lodges, see pictures of what they looked like in their original locations, and hear stories about their history.

周五, November 13
10 a.m. to noon
$7 members; $9 nonmembers
Adlyne Freund Center
Shaw Nature Reserve staff

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**Wetland Evening Walk (SNR)**

As the sun begins to set and the nighttime takes over, the wetland becomes a magical place. Join Reserve naturalist James Trager for this evening stroll as we take in the sights and sounds of this fascinating ecosystem and its prairie watershed. We’ll enjoy a glass of wine (or non-alcoholic beverage) as we stop briefly on the boardwalk to learn about this richly diverse habitat. Dress for the weather and wear comfortable shoes for this 1-mile walk.

Friday, September 11
6:30 to 9 p.m.
$22 members; $26 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Dr. James Trager

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**Conifers Walk (MBG)**

Fall is great time to look at conifer trees and shrubs that are the backbone of any landscape. Join June Hutson on a stroll through the Garden as she discusses which conifers grow well in St. Louis and which would make a wonderful addition to your landscape.

Wednesday, September 16
5 to 7 p.m.
$28 members; $34 nonmembers
Meet at the Ridgway Visitor Center Ticket Counter
June Hutson

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**Behind the Scenes Japanese Garden (MBG)**

Experience this popular after-hours walking tour in the Japanese Garden with senior horticulturist Greg Cadice and gain a new appreciation for Seiwa-en, the “garden of pure, clear harmony and peace.” Greg will highlight features of this world-famous garden including scenic vistas, Teahouse Island, and how the horticulture staff and volunteers create an overall feeling of serenity in this special place.

Monday, September 21 or Tuesday, September 22
5 to 7 p.m.
$28 members; $34 nonmembers
Meet at the Ridgway Visitor Center

Greg Cadice

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**Wine and Cheese Night Hike (SNR)**

Climb aboard our Wilderness Wagon for a short trip to our starting point. We will take a leisurely 1.5-mile walk along woodland and prairie trails, learning about the nighttime environment along the way. During the walk we will make a brief stop to enjoy a glass of wine (or non-alcoholic beverage) and some crackers and cheese as we enjoy the night sounds of the prairie. Dress for the weather and wear appropriate walking shoes. Sign up early! Space is very limited.

Friday, October 9
7 to 9:30 p.m.
$28 members; $34 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Shaw Nature Reserve staff and volunteer

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**Magnificent Trees of the Garden (MBG)**

On a Saturday morning walk, the class will visit more than 30 of the great specimen trees of the Garden, including several trees believed to have been planted during the life of Henry Shaw. Interesting information will be provided on each tree, with emphasis on native range, growing habits, outstanding ornamental features, historical anecdotes, and assets/liabilities regarding growth in the St. Louis area. A true delight for the tree lover!

Saturday, October 17
10 a.m. to noon
$28 members; $34 nonmembers
Meet at the Ridgway Visitor Center

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**Garden Ghost Stories and History (MBG)**

Come experience the Garden at dusk when the spirits are alive. Walk through Tower Grove House and a special opening of the Museum Building to hear tales of history and unexplained interactions on Garden grounds with figures from the past. Bring a flashlight to add to the atmosphere of this popular offering.

Tuesday, October 20 or Monday, October 26
6 to 8 p.m.
$28 members; $34 nonmembers
Meet at the Ridgway Visitor Center

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**Behind the Scenes: Botanical Bellefontaine Cemetery (Offsite)**

We invite you to take an amazing bus tour, which highlights champion trees, symbolic flora, and gorgeous mausoleums of famous St. Louisans, guided by horticulturist Kyle Cheesborough. Take a closer look, and you will see plant imagery everywhere: laurel wreaths, acanthus leaves, and fleur-de-lis. Learn their meaning as well as the stories of those people that shaped St. Louis as you tour the cemetery.

Saturday, November 7
9:30 to 11 a.m.
$40 members; $48 nonmembers
Meet at Bellefontaine Cemetery
Bellefontaine Cemetery
4957 West Florissant Ave, St. Louis, MO 63115
Kyle Cheesborough

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**Behind the Scenes: Orchid Greenhouse (MBG)**

Don’t miss this opportunity to view the orchids the way few have seen. Babs Wagner will give you a guided tour of the orchid range in the Garden’s main greenhouses. As you walk through the range, you will learn helpful tips on how she grows and cares for the Garden’s outstanding orchid collection. Sign up early! Space is very limited.

Saturday, November 7
9:30 to 11 a.m.
$21 members; $25 nonmembers
Meet at the Ridgway Visitor Center

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To register go to [www.mobot.org/classes](http://www.mobot.org/classes)
Behind the Scenes: Holiday Show Production (MBG)
Here is your special opportunity to view the behind-the-scenes floral production of the Garden’s annual holiday show. Take a tour of the Garden greenhouse facilities with Nursery Supervisor Derek Lyle, and learn the efforts and processes to produce each holiday display. Topics discussed will include at-home poinsettia care, significance behind this year’s display theme, and select plant production during the fall and winter months. Space is limited, so register early!
Saturday, November 14
10 a.m. to noon
$28 members; $34 nonmembers
Meet at Ridgway Center Ticket Counter
Derek Lyle

Valentine’s Night Hike (SNR)
Bundle up and spend the evening under the stars with your sweetheart, friends, or adult family members! Use your senses to enjoy the wonders of a crisp, cool, but invigorating Reserve winter night. You will have the opportunity to see the constellations and planets using our telescope (weather permitting). After the hike there will be steamy hot beverages and delectable desserts to share. What a unique way to say, “I love you!” Price is per person.
Saturday, February 13
7 to 10 p.m.
$24 members; $29 nonmembers
Dana Brown Overnight Center
Shaw Nature Reserve staff and volunteers

St. Louis Tai Chi 24 (SNR) NEW!
St. Louis Tai Chi 24 is a modified form based on the standard Tai Chi 24 form (24 moves instead of the original Tai Chi which has 108 moves). It is great for beginners of all ages. It can help to relieve stress, reduce blood pressure, improve balance, boost immune system, help patients with Parkinson’s disease, and provide other health benefits.
8 Tuesdays: August 18, 25; September 1, 8, 15, 22, 29; October 6.
6 to 7 p.m.
$50 members; $60 nonmembers
Carriage House
Violet Li

Wednesday Walkers (SNR)
Walks start at 1 mile and build up to 3 miles. At the end of 9 weeks you will have hiked most of Shaw Nature Reserve’s trails and made new friends. The final walk is called “Reward Wednesday” and includes a potluck gathering. Registration encouraged; walk-ins welcome. Please stop at the Visitor Center to pay prior to class.
Wednesdays in September and October
Plus new this season, Wednesday, December 9, January 6, and February 17
10 a.m. to noon
$40 members; $48 nonmembers
Garden Room
Rachel Weller

Meditations in the Garden (MBG)
Explore the treasures of the Garden through the senses during this 4-week program. Learn mindful meditations to explore the Garden through its sounds, sights, textures, and smells. Practice progressive relaxation and breathing exercises to help clear the mind of its chatter. Cultivate inner peace, restore emotional balance, and deepen your connection to the beauty of nature. Weather permitting, class will be outdoors. Moderate walking required.
4 Fridays: September 11, 18, 25; October 2 (Rain date 10/16)
9:30 to 11 a.m.
$75 members; $90 nonmembers
Garden Room
Rhonda Leifheit

Matter of Balance (MBG)
A Matter of Balance is an award-winning program designed to reduce the fear of falling and increase the activity levels of older adults who have concerns about falls. Surrounded by the beauty of the Garden, these sessions will help participants learn how to view falls and the fear of falling as something controllable. There will also be information on how to set realistic goals for increasing activity, as well as how to change their environment to reduce fall risk factors. Class will be held in the classroom and outdoors. In partnership with the University of Missouri Extension.
8 sessions: Monday, October 12, Wednesday, October 14, Monday, October 19, Wednesday, October 21, Monday, October 26, Monday, November 2, Wednesday, November 4 and Wednesday, November 11
10 a.m. to noon
$40 members; $48 nonmembers
Garden Room
Leslie H. Bertsch, MS, MPH, RD, LD, University of Missouri Extension Specialist

HEALTH AND WELLNESS

St. Louis Tai Chi 24 (SNR) NEW!

Health and Wellness
Birding II (MBG)
If you’ve already taken the “Basics of Birding” class or have prior experience, then challenge yourself to learn more during this in-depth 12-session course! The evening classes will focus on major groups like shorebirds, warblers, hawks, waterfowl, and gulls. Additional topics may include optical equipment, speciation, songs and calls, and how to document sightings. The full-day weekend field trips will visit a number of good birding areas for fall migration. Participants provide their own transportation and lunch.
6 Dates: September 9; October 12, 26; November 9, 23; December 7
6 Fieldtrips: September 12, October 18, 31; November 15, 28; December 12, approximately, 7 a.m. to 2 p.m. 7 to 9 p.m.
$250 members; $300 nonmembers
Garden Room (except 12/07 Missouri Room)
William Rowe

Wildflower Identification and Ecology (SNR)
This course will focus on identification, relationships, and habitats of wildflowers and native grasses of the season. Beginners as well as advanced students will increase their knowledge and appreciation. Come ready for moderate hiking with notebook in hand! Price per class.
Saturday, September 12 or Saturday, October 3 9 a.m. to noon
$18 members; $22 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Dr. James Trager

Nature Writing (MBG) NEW!
Make a connection to nature through writing. Jim Biggs, Manager of Sustainable Education Programs, will lead this class on writing in nature. Poetry, blogging, or essays—learn how to connect to nature and put your experiences to paper in meaningful ways. Jim will guide you through the Garden and help you to find the way to capture the experience.
Tuesday, September 15
Noon to 2 p.m.
$15 members; $20 nonmembers
Meet at Ridgway Center Ticket Counter
Jim Biggs

Monarchs of Missouri (SNR)
For ages 13 and up. The monarch butterfly may be the most familiar North American butterfly with an easily recognizable orange and black wing pattern. Not long ago this insect was common, but it may soon be considered an endangered species. This course will teach you about this fascinating butterfly, the city-wide initiative to protect it, what role the Garden is playing, and what YOU can do to save it. Course will begin in the classroom and end with a short hike to look for monarchs.
Tuesday, September 15
10 a.m. to noon
$7 members; $9 nonmembers
Bascom House
Joyce Oberle, Master Naturalist

Fall Wildflower Ramble (SNR)
Join these informal educational walks in appreciation of the end of summer wildflower season in Shaw Nature Reserve’s diverse plant habitats. Wear comfortable hiking clothes and bring a sack lunch (optional). These hikes are led by wildflower naturalists. Registration encouraged. Please stop at the Visitor Center to pay prior to class. Walk-ins welcome.
Tuesday, September 15 or Tuesday, September 22 or Tuesday, September 29
9:30 a.m. to noon
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Dr. James Trager

Wild Edibles (SNR)
Learn to identify some of the common seasonal wild edibles found in Missouri. This class includes safety tips for foraging plants, identification keys, a hike to let you practice identifying wild edibles in their environment, and the opportunity to sample a variety of raw and prepared wild foods.
Sunday, October 18
9 a.m. to noon
$22 members; $26 nonmembers
Adlyne Freund Center
Dr. Catrina Adams

Advanced Wild Edibles (SNR)
Further your knowledge of wild edibles and other useful plants with this advanced class. Learn new ways to process and prepare wild plants, go on a brief hike to become more comfortable identifying wild edibles in their environment, and have the opportunity to practice processing techniques and to sample a variety of raw and prepared wild foods.
Sunday, October 18
1 to 4 p.m.
$24 members; $30 nonmembers
Adlyne Freund Center
Dr. Catrina Adams

Trees of Shaw Nature Reserve (SNR)
Impress friends and family with your newfound tree expertise after experiencing this expert-led tour. This program covers identification of native trees of Missouri with emphasis on the oaks. We will also search out some of the giant trees of the Reserve and some less-known species of small trees.
Saturday, October 17
9 a.m. to noon
$20 members; $24 nonmembers
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Tuesday, September 15 or Tuesday, September 22 or Tuesday, September 29
9:30 a.m. to noon
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Dr. James Trager
OUTDOOR ADVENTURES for Adult, Youth, and Family

Get outside! Get active! Explore our unique outdoor experiences such as hiking, trail running, tree climbing, fishing, geocaching, biking, kayaking, paddleboarding, and much more!

Canopy Climb (SNR)
For adults and/or families with children 8 and older. Whether you’re an adventurous adult, a family of explorers, or anyone over 8 who loves climbing trees, this experience is a must-do. In this 2-hour course taught by expert instructors, you’ll be introduced to the extraordinary world of recreational tree-climbing; learn tree-climbing mechanics including techniques, balance, and safety; and have the opportunity to explore different parts of a majestic tree’s canopy. This course is designed for first-time climbers. Special offer for groups: Register an entire session (12 climbers) and each climber receives the member rate. Price is per climber.

Price per session.
$35 members; $43 nonmembers
Jon Richard and Vertical Voyages team.

At Shaw Nature Reserve
Meet at Bascom House
Saturday, September 19
12:30 to 2:30 p.m. or 3 to 5 p.m. or 6 to 8 p.m.
or
Sunday, September 20
12:30 to 2:30 p.m. or 3 to 5 p.m.
or
Saturday, October 17
12:30 to 2:30 p.m. or 3 to 5 p.m. or 6 to 8 p.m.
or
Sunday, October 18
12:30 to 2:30 p.m. or 3 to 5 p.m.

At Missouri Botanical Garden
Meet at climb site; see map on confirmation
Friday, September 25
6 to 8 p.m.
or

Trail Social Run (SNR)
For adults only. These runs introduce you to plants, animals, and trails at the Reserve while enjoying the company of other runners. Route is 3-7 miles. All paces welcome. Weather dependent. Maps available upon request. Walk-ins only; no preregistration. Please stop at Visitor Center to pay prior to class.

Thursdays in September, October, and through November 19
8 to 9:30 a.m.
Included with admission
Meet at the Shaw Nature Reserve Visitor Center
Rachel Weller

Hiking with Rover (SNR)
For families of all ages. Take your favorite canine companion for a nice 2-mile hike led by a Shaw Nature Reserve staff. This is a rare opportunity to spend time with your four-legged friend at an area where dogs are not normally allowed. Hikes are on trails over rolling terrain.

Sunday, September 20
5 to 7 p.m.
$10 members; $12 nonmembers
Adlyne Freund Center
Karen Bryan

Mini Hiking with Rover (SNR)
For families of all ages. If you have wanted to bring your dog for Hiking with Rover in the past but didn’t know if you or your dog would be able to hike for 2 miles, then this class is for you. Bring your favorite canine companion for a nice 1-hour hike led by a Shaw Nature Reserve staff. This is a rare opportunity to spend time with your four-legged friend at an area where dogs are not normally allowed.

Sunday, September 27
5 to 6 p.m.
$7 members; $9 nonmembers
Adlyne Freund Center
Karen Bryan
Nature Navigators (SNR)
For families with kids ages 6 and older. Learn about nature with your family as we have fun outdoors! Each program involves an outdoor activity using your senses to discover what's around you as you master a skill. Price per class. Price per person.
$7 members; $9 nonmembers
Rachel Weller
See below for date, time, and location.

Full Moon Night Hike for Families
Join us for this 2-hour stroll through the evening and into the early night. The sun will have set before the hike starts, but the full moon should provide all the light needed to enjoy the sights, sounds, and smells of a fall evening at Shaw Nature Reserve. Participants will play a series of sensory-based games that test the senses. In addition, you’ll learn about the various ecosystems of the Reserve. All else excluded, the sight of a full moon rising over acres of tallgrass prairie makes the journey to the Reserve worth the time spent.
Monday, October 26
7 to 9 p.m.
Meet at the Shaw Nature Reserve Visitor Center

GPS Historical Hike (SNR)
For families of all ages. Before Shaw Nature Reserve called this land home, it was home to many others. Let’s explore the historic remnants that can be found on our property. We’ll use GPS units to travel from site to site, learning about who was here before it was Shaw Nature Reserve.
Saturday, November 15
1 to 4 p.m.
$7 members; $9 nonmembers
Dana Brown Overnight Center
Rachel Weller

Caves and Karsts of Meramec State Park (Off-site)
For adults only. This course will focus on the caves and karsts of Meramec State Park. After an introduction we will see sinkholes, caves, and the spring at the end in the Bear Cave-Copper Hollow Karst Complex. We will also hike to the site/dump of the Copper Hollow mine that operated in the mid-1800s. Come ready for moderate hiking (5½ miles, so hiking shoes/boots are important) with notebook in hand! Bring water, a change of clothes, and lunch. Note: Due to white-nose syndrome and its effects on bats, most caves in Missouri have been closed to help prevent the spread of the disease. Please note we will not be entering the cave.
Saturday, December 12
9 a.m. to 1:30 p.m.
$10 members; $12 nonmembers
Meramec State Park Amphitheater
670 Fisher Cave Drive, Sullivan, MO 63080
Master Naturalist Danny McMurphy

Full Moon Night Hike for Adults (SNR)
Join us for this 2-hour stroll through the evening and into the early night. The sun will have set before the hike starts, but our night vision will allow us to enjoy the sights, sounds, and smells of a winter evening at Shaw Nature Reserve. Participants will learn about the various ecosystems of the Reserve. All else excluded, the sight of the tallgrass prairie in the moonlight makes the journey to the Reserve worth the time spent. This hike will cover roughly 2 miles over uneven ground. Registration required.
Friday, January 22
8 to 10 p.m.
$7 members; $9 nonmembers
Meet at the Shaw Nature Reserve Visitor Center
Rachel Weller

Basket Making Overnight (SNR)
For adults only. This is an overnight basket-weaving class in which you choose the basket(s) you will make. Register by early December, allowing you time to choose from a list of baskets (with pictures and level of difficulty) so that we may order the material. An email will be sent to you with the baskets you can choose from. Beginners are welcome. Meals and a dormitory-style overnight in a delightful historic log lodge are included. You will pay the instructor separately (from $15 to $30 per basket) for the materials you order in December.
Friday, January 8 to Saturday, January 9
7 p.m. to 3 p.m. Saturday
$80 members; $95 nonmembers
Dana Brown Overnight Center
Linda Brown

Ice Cave Hike (SNR)
For adults only. Explore 4 miles of the less-traveled trails of Shaw Nature Reserve to view ice formations, small frozen waterfalls, temporary ice stalactites, needle ice, and frost flowers. We will also trek by the cave to see what unique ice formations are near it. Warm up with hot chocolate after the hike.
Friday, January 29
10 a.m. to noon
$7 members; $9 nonmembers
Bascom House
Rachel Weller

Eagle Outing
Learn about eagles and other raptors that live here at the Reserve. We will hike down to the gravel bar to look for animal tracks, vultures, and eagles, and to practice winter tree f.d. Warm up afterward with hot chocolate.
Saturday, February 27
9:30 to 11:30 a.m.
Meet at the Shaw Nature Reserve Visitor Center

Arghhh! Let’s Hike
Arrive at dusk and create your own adventure by eating a treasure of a treat: s’mores! Our adventure by eating a treasure of a treat: s’mores!
Friday, November 13
6:30 to 8 p.m.
Carriage House

GPS and Orienteering
Learn the basics of orienteering and how to use GPS. You will hike the course through the Reserve on trails. Using skills introduced during the beginning you will traverse from point to point through the course. GPS units provided. Warm up Afterwards with hot chocolate.
Saturday, January 9
9:30 to 11:30 a.m.
Adlyne Freund Center

Pond to Plate Overnight (SNR)
For adults only. Come join us for fishing at Shaw Nature Reserve’s three ponds. We will be keeping our catch for dinner. Everyone will get to fillet, clean, and cook their prize. Bring your own poles, tackle, and fillet knives; everything else provided. This is a rare opportunity to fish at Shaw Nature Reserve (fishing isn’t normally allowed). You’re sure to catch lots of fish which makes the Reserve an angler’s oasis.
Saturday, October 3 to Sunday, October 4
10 a.m. Saturday to 11 a.m. Sunday
$80 members; $95 nonmembers
Dana Brown Overnight Center
Alleen Abbott
YOUTH AND FAMILY CLASSES / OVERNIGHT PROGRAMS

Shaw Nature Reserve pass holders receive member rate for all Nature Reserve classes.

FAMILY PROGRAMMING

Nature-Loving Families: Fall into Phenology (MBG)
For families with kids ages 6 and older. Discover how we can use Nature’s Notebook to explore and learn about nature all while helping scientists and researchers gain knowledge about the plants and animals in our local area. Nature’s Notebook is a plant and animal phenology observation program of the USA National Phenology Network (www.usanpn.org). Join us as we use Nature’s Notebook to explore the Fall into Phenology citizen science project by Project BudBurst. We’ll go on a guided walk focusing on fall colors and contribute the data you collect for scientific discovery. We’ll have fun outdoors and become better stewards of our local environments. Price per person.
Saturday, September 26
10 a.m. to noon
$6 members; $8 nonmembers
Botanical Room
Missouri Botanical Garden staff

Discover Nature Families (SNR)
For families with children of all ages. Stop by for a few minutes or an hour. No registration is required.
10 a.m. to 2 p.m.
Included with admission
Bascom House
Missouri Department of Conservation
Master Naturalists

Wild About Water
Missouri Master Naturalist volunteers will teach your family all about aquatic ecosystems through hands-on interactive activities. Learn about the importance of aquatic food chains and wetlands and how to care for them.
Saturday, September 26

Missouri Mammals
Missouri Master Naturalist volunteers will teach your family all about mammals through hands-on interactive activities. Learn about the importance of wild mammals and how to identify and protect them. Stop by for a few minutes or an hour.
Saturday, October 10

Tremendous Trees
Missouri Master Naturalist volunteers will teach your family all about trees through hands-on interactive activities. Learn about the importance of trees and how to care for them.
Saturday, October 24

It’s Your Weekend Overnight (SNR)
For adults only. Are you looking for time to yourself to read, paint, walk, or write? Bring your camera, bicycle, binoculars, or whatever! Spend all the time you want doing what you want, either by yourself or perhaps with others in front of a fire. Enjoy afternoon and night hikes and a nature writing workshop. Accommodations are dormitory style in our historic log lodges. All meals provided. An optional night hike is offered.
Saturday, January 30 to Sunday, January 31
9 a.m. Saturday to 11 a.m. Sunday
$85 members; $102 nonmembers
Dana Brown Overnight Center
Helen McCallie

Be sure to check out Sam Abell Workshop-Overnight on page 10
Shaw Family Adventures (SNR)
For families with kids ages 3 and older. Join us for an adventure and get hands-on with nature! Each class includes a story, craft, and outdoor activities for your family to learn together about the plants and animals of the Reserve. Price per child. One adult per child please.
9:30 to 11:30 a.m.
$7 members; $9 nonmembers
Carriage House
Rachel Weller

Play in the Prairie
Color with fall wildflower petals, hide and seek in 6-ft-tall prairie grasses, go on a scavenger hunt, and read a story to learn about who lives in the prairie.
Friday, September 11 or Friday, September 25

Pumpkin Prowl
Hike to find hidden pumpkins, learn about them in a story, taste a pumpkin seed, play games, and decorate your own pumpkin to take home.
Friday, October 2 or Friday, October 9

Forest Friends
We’ll go on a scavenger hunt for animals that live in the forest, glide our flying squirrel craft, hear a story, and play games in the forest.
Wednesday, November 4 or Friday, November 20

Holiday Nature Houses
Hear a story, take a quick hike to look for natural items to trim your house with, warm up with a hot drink, and decorate your own gingerbread house with natural items to take home.
Friday, December 11 or Wednesday, December 16

The Mitten
We’ll read a story about a mitten, play games, make mittens from natural items, take a quick hike to leave one mitten for our forest friends, warm up with a hot drink by the fire, and take the other mitten home.
Friday, January 15 or Wednesday, January 20

Tree Hugs
Enjoy a sweet treat made by trees, decorate valentines with natural items, take a quick tree scavenger hunt hike, play games, and hear a story.
Friday, February 5 or Wednesday, February 10

YOUTH AND FAMILY CLASSES / AGES 6 AND UNDER

Little Sprouts (ages 2-3); Missouri Botanical Garden
Little Bugs (ages 2-4); Butterfly House
Little Nature Explorers (ages 3-5); Shaw Nature Reserve

The “Little Years” series is designed for parent-and-child experiences at three St Louis area sites: Missouri Botanical Garden, Butterfly House, and Shaw Nature Reserve. This series places the focus on your child, you, and the wonders of nature while preparing your child for preschool and kindergarten. Your child will learn skills such as taking turns, listening to the teacher and their friends, sharing, and making choices. Each class in all series includes hands-on activities, songs, stories, snacks, and a short walk. Price per child. One adult per child please.

Little Sprouts: Fall
For ages 2 to 3. Learn about plants and nature with your toddler during this 7-week series. Each session includes indoor, hands-on activities, songs, stories, snacks, and a walk in the Garden. Participants will learn about a different type of plant (flowers, herbs, bushes, or vines) during each class. Price per child. One adult per child please.
10 to 11:30 a.m.
$105 members; $126 nonmembers
Botanical Room
Kelly Wehrheim

Monday Series: 7 Mondays: September 14, 21, 28; October 5, 12, 19, 26
Tuesday Series: 7 Tuesdays: September 15, 22, 29; October 6, 13, 20, 27
Wednesday Series: 7 Wednesdays: September 16, 23, 30; October 7, 14, 21, 28

Little Sprouts: Winter
For ages 2 to 3. Learn about plants and nature with your toddler during this 4-week series. Each session includes indoor, hands-on activities, songs, stories, snacks, and a walk in the Garden. This winter participants will visit the “houses” at the Garden and learn about the plants growing inside. Price per child. One adult per child please.
10 to 11:30 a.m.
$60 members; $72 nonmembers
Botanical Room
Kelly Wehrheim

Monday Series: 4 Mondays: November 16, 23, 30; December 7
Tuesday Series: 4 Tuesdays, November 17, 24; December 1, 8
Little Nature Explorers (SNR)
For ages 3 to 5. Little Nature Explorers classes are an excellent way to help prepare your child for preschool or kindergarten! Each class will include a snack and multiple hands-on indoor and outdoor activities designed to strengthen your child’s connection to the outdoor world around them. Take one class or take them all. Peer interaction is key to early childhood development. Register by September 7, 2015 for three or more Little Nature Explorer classes, and your child will receive a t-shirt! One adult per child please. Price per child.
9:30 to 11:30 a.m.
$12 members; $15 nonmembers
Carriage House
Karen Bryan

Let’s Get Messy!
Tuesday, September 15

Teddy Bear’s Picnic
Tuesday, September 22

Our Five Senses
Tuesday, September 29

Miss Spider’s Tea Party
Tuesday, October 13

Celebrate Fall!
Tuesday, October 20

The Unhuggables
Tuesday, October 27

Little Bugs (BH)
For ages 2 to 4. Bring your child to learn about butterflies and create a unique work of art together. The class meets weekly for 6 weeks, and each week we will learn about a different insect. Each session includes hands-on crafts, a snack, a story, and a walk through the butterfly conservatory. This fall we will learn about butterflies, bees, ladybugs, roaches, spiders, and millipedes. When the weather allows, we will walk outside as well. Price per child.
One adult per child please.
6 Wednesdays: September 30; October 7, 14, 21, 28; November 4
10 to 11 a.m.
$90 members; $108 nonmembers
Lopata Learning Lab
Chris Hartley

Tykes Trek (SNR)
For ages 3 to 5. You are your child’s best guide to the outside. Early childhood is a great time to introduce your child to the outdoors. Come join us as we take advantage of natural events here at Shaw Nature Reserve. We will hike and do activities as we explore and discover. Each week we will go to a different place. Take one class or take them all! Price per class. Class will be canceled if it rains. Price per child.
Mondays, September 14 or September 21 or September 28 or October 12 or October 19 or October 26
9:30 to 11:30 a.m.
$7 members; $9 nonmembers
Check-in at the Shaw Nature Reserve Visitor Center
Karen Bryan

Garden Buds (MBG)
For ages 4-6. Discover the amazing world of plants with your preschooler in Garden Buds! Price per child, per class. One adult per child please. Register by September 7, 2015 for three or more Fall Garden Buds classes, and your child will receive a t-shirt!
Dates and times for each class below
$16 members; $19 nonmembers
Botanical Room
Thursday 10 to 11:30 a.m.: Kelly Wehrheim
Sundays 1 to 2:30 p.m.: Sharon Lloyd

Super Seeds
Next year’s garden is already underway, as plants drop their precious seeds. We will learn about how seeds travel and you will take home seeds for your next garden.
Thursday September 17 or Sunday, September 20

An aMAZEing Race
You’ll divide into teams and use a special map to find your way through the Garden to the maze. Then you’ll navigate the maze in a race where everyone wins.
Thursday, September 24 or Sunday, September 27

Leaf the Fun to Us!
We’ll explore what makes each kind of tree special as we go on an autumn treasure hunt in the Garden. We’ll create unique artwork using leaves, try some tasty tree treats, and become sleuths at identifying different trees!
Thursday, October 15 or Sunday, October 18

Terrific Terrariums
Join us as we learn about terrariums and why they are perfect growing environments for plants. We’ll also create a small terrarium for your own to take home.
Thursday, October 22 or Sunday, October 25

Flytraps and Pitfalls
Beware! Carnivorous plants have invaded the Garden! Find out what these plants like to eat and how they capture their prey. You’ll even get to take one home, if you dare!
Thursday, November 5 or Sunday, November 8

Evergreen: A Special Tree for Me!
Soft and smooth, prickly and sharp! There are many kinds of evergreens. We’ll find out what makes an evergreen “ever green,” discover who lives in these special plants, and use evergreens to make a special craft.
Thursday, December 3 or Sunday, December 6
Great Green Adventures (MBG)
For ages 6-12. Sign up now or just drop in to explore a special area of the Garden. Younger siblings may attend.
10:30 to 11:30 a.m.
or
1:30 to 2:30 p.m.
Free for members; $3 with Garden Admission nonmembers
Meet at Doris I. Schnuck Children’s Garden Ticket Fort
Kelly Wehrheim

Bye, bye birdies
This is the time of year that the birds begin to migrate; join us as we discover what other animals migrate.
Saturday, September 19

Signs of Fall
It’s beginning to look like fall; let’s explore the Garden and look for colorful fall leaves to paint using watercolor.
Saturday, October 17

Tropical Trek
Let’s visit a forest that’s warm all year long. Learn about tropical plants, the rainforest ecosystem, and ways to help with conservation.
Saturday, November 21

Art in the Garden
Join us as we search for sculptures, mosaics, and other art in the Garden.
Saturday, December 19

A Winter Tree Home
Join us as we explore the winter trees and find out why they make good homes.
Saturday, January 16

Bird-Friendly Gardens
Most of the birds have migrated, but some stay here all year. Join us as we search the Garden for birds and learn what makes the Garden bird friendly.
Saturday, February 20

Insect Keeper for a Day (BH)
For ages 8-12. Working alongside our entomology and education staff, students will assist with husbandry and general care of our animals and participate in animal handling and demonstrations for the public. This program will give students an understanding of the challenges and skills necessary for taking care of live arthropods. Each student will also have the chance to work closely with several arthropod species, including learning to handle some and presenting them to the public alongside a Butterfly House staff member. Each participant will receive a name badge, t-shirt, and mounted butterfly to take home. To schedule a date, please call (636) 530-0076 ext. 10.
8:30 a.m. to noon
$100 members; $120 nonmembers
Meet at Butterfly House Front Desk
Butterfly House staff

Supper with Santa (BH)
For families of all ages. Before making his big trip around the world, Santa is stopping by the Butterfly House! Enjoy a delicious pasta dinner, complete with cookies and hot cocoa. Warm up and take a night stroll through the Tropical Conservatory, and visit Santa’s Workshop to make fun crafts. Complete the evening by taking a keepsake photo with Santa. Reservations are required. Ages 12 months and younger free. Price per person.
Saturday, December 5 or Sunday, December 6 or Saturday, December 12 or Sunday, December 13 or Saturday, December 19 or Sunday, December 20
4:30 to 7 p.m.
$15 members; $20 nonmembers
Meet at Butterfly House Front Desk
Butterfly House staff

Sense of Wonder Woodland Adventure (SNR)
Help us celebrate the new Sense of Wonder Woodland in this fun family event. Bring your costumed children during the daylight hours to our decorated Sense of Wonder Woodland trail and Nature Explore Classroom. Activities include: wagon rides, pumpkin trail, scarecrow row, face painting, balance across the treemendous tree bridge, ascend into the fire tower, and hands-on activities.
Sunday, October 4
2 to 4 p.m.
Included with admission
Sense of Wonder Woodland and Nature Explore Classroom
Shaw Nature Reserve staff and volunteers

Be sure to check out Monarchs of Missouri for ages 13 and up on page 34 and Think about Tables for ages 13 and up on pages 10
Owls and Orchids: Animal Encounters (BH)
For families of all ages. The Butterfly House welcomes owls from The World Bird Sanctuary during this evening October event. Guests can meet real owls and learn fascinating facts about our owl butterflies’ feathered namesake. You will also have the rare chance to see our 1,000 owl butterflies in flight, which is a magnificent and unforgettable sight. Fun crafts will be available. Free for ages 12 months and younger. Price per person. Every Tuesday and Thursday in October 4:30 to 7 p.m.
$3 members; $6 nonmembers
Meet at Butterfly House Front Desk
Butterfly House staff

Boo'tflies (BH)
For families of all ages. Enjoy spooktacular activities and a glow-walk through the Tropical Conservatory during this family-friendly Halloween event at the Butterfly House. Wear your Halloween costume, play insect-inspired games, and visit treat houses throughout our garden. Registration is required. Free for ages 12 months and younger. Price per person. Saturday, October 24
5 to 7 p.m.
$4 members; $8 nonmembers
Meet at Butterfly House Front Desk
Butterfly House staff

Bookworm Breakfast with Clifford the Big Red Dog (BH) NEW
For families of all ages. Join Clifford the Big Red Dog for breakfast at the Butterfly House. Guests will meet live butterflies, listen to a story, and explore our interactive craft stations. This special day will be captured by a souvenir photo with Clifford! Reservations are required. Free for ages 12 months and younger. Price per person. Friday, November 6 or Saturday, November 7
9 to 10 a.m.
$12 members; $16 nonmembers
Meet at Butterfly House Front Desk
Butterfly House staff

Winter Jewels (BH)
Surround yourself with the magic of the season. Escape the cold and experience Winter Jewels at the Butterfly House. Go on a treasure hunt through our exhibit hall, discover fairies in our Tropical Conservatory, and make new friends in the Gnome Forest. But be sure to guard your treasure and watch out for battling pirate cockroaches. Daily November 27 through January 3
10 a.m. to 3 p.m.
Included with admission
Meet at Butterfly House Front Desk
Butterfly House staff

Green Fire Movie Night (SNR) NEW!
Come watch a movie with us on the Bascom House lawn. The movie, Green Fire, provocatively examines Aldo Leopold’s thinking, renewing his idea of a land ethic for a population facing 21st century ecological challenges. Green Fire describes the formation of Leopold’s idea, exploring how it changed one man and later permeated through all arenas of conservation. Through these examples, the film challenges viewers to contemplate their own relationship with the land community. Bring a lawn chair, blanket, and snacks if you like. Come early and take an evening stroll around the garden. In partnership with the Missouri Department of Conservation. Saturday, September 12
7 to 9 p.m.
Included with admission
Meet at Butterfly House Front Desk
Butterfly House staff

Old Time Christmas Music (SNR) NEW!
For ages 21 and up. Listen to Downstream, an instrumental bluegrass band, play and sing traditional Christmas music. Enjoy the ambiance of the Adlyne Freund Center decorated with natural greenery. Enjoy wassail, Baileys with hot chocolate or coffee, other beverages, homemade Christmas cookies, and the festive décor as you listen to a holiday concert with fiddle, guitar, and harmonies. Finish off the night with a sing-a-long to classic Christmas carols. Friday, December 11
7 to 8:30 p.m.
$26 members; $31 nonmembers
Adlyne Freund Center
Downstream

Hot, Hot, Hot! (BH)
Shake off the cold weather blues this February and join in fun, tropical-themed, kid-friendly activities, games, and crafts that will make you go absolutely buggy. Enjoy live steel drum music, a toddler sandbox, and face painting. Saturday, February 6 and Sunday, February 7
10 a.m. to 3 p.m.
Included with admission
Meet at Butterfly House Front Desk
Butterfly House staff

To register go to www.mobot.org/classes

SAVE THE DATE!
St. Louis BioBlitz
For adults and families of all ages. Join the Academy of Science St. Louis and other nature explorers to document the biodiversity within Shaw Nature Reserve. Guided by botanists, biologists, naturalists, and other experts, you will join teams of other citizen scientists as you document as many species as you can find, adding to data about local biodiversity. For more information and to sign up for this free event, visit www.academyofsciencestl.org

Friday, September 18 and Saturday, September 19
Shaw Nature Reserve
Free with admission.
“You made long-lasting supporters of Missouri Botanical Garden out of us...We have camped before, and I know how much work it is to have all these activities planned and then put into action. To top it off, you had time to compliment us and listen and laugh at our silly songs. We will for sure tell others about your programs.”—Girl Scout Troop Leader

Our MBG Scout Program was “well organized, hands-on and kept the girls engaged.”—Girl Scout Troop Leader
The EarthWays Center promotes sustainability through environmental education and by improving the built environment. Our classes connect people to plants and range from green living topics such as energy efficiency and solid waste reduction to local foods and building sustainable communities. Join us at one of these fun, educational, and sustainable classes!

Paper Making (Putting Junk Mail to Good Use)  page 4

Make Natural Dyes at Home  page 7

Traveling the World in a Cup of Tea  page 15

Urban Chestnut Brewing Company: Making Earth-Friendly, Sustainable, and Delicious Beer  page 17

Choosing Tea with the Planet in Mind  page 19

Leaving for the Landfill  page 28

Plant in the City: Vacant Lots Come Alive in Historic Neighborhood  page 28

Increasing Home Comfort, Health, and Safety While Saving Energy and Money  page 29

Green Furniture Refinishing and Upholstery  page 29

Nature Writing  page 34

Learn more at www.mobot.org/ewc
CLASS INFORMATION / POLICIES

Location of Classes: Site maps are available at www.mobot.org/classes. PLEASE BE SURE TO CHECK THE LOCATION OF YOUR CLASSES.

You will receive confirmation via email or regular mail. Please refer to that for details about class location.

Class Information and Material Lists: Individual class details and material lists are available online at www.mobot.org/classes within each individual class listing.

Wait List: If your confirmation states that you are on the wait list, you will be called or emailed if an opening occurs.

Registration End Date: Indicates when registration is closed, if the class has met the minimum enrollment. Full classes remain open for registrants to be wait listed. If the wait list becomes exte

Cancellations / Refunds:
• For cancellations more than 5 business days prior to the class, a full refund, minus a $5 processing fee (NO REFUND FOR LESS THAN $10), will be issued, unless otherwise noted. Refunds cannot be issued for missed classes or cancellations fewer than 5 business days prior to class date. A business day is defined as Monday through Friday 8:30 a.m. to 5 p.m., no Saturdays, Sundays, or federal holidays. Please consider your payment a donation to the Garden.

• Participants are encouraged to register early, as programs with insufficient registration (depending on type of class) will be canceled approximately 5 days before the scheduled start date (overnights, 2 weeks). A full refund will be issued in this case.

• A transfer to another class is handled as a refund and is subject to the above policy.

Inclement Weather: Participants should come dressed for the weather. Most classes are held rain or shine. If we are unable to hold a class due to inclement weather, you will be notified and receive a full refund.

Dismissal Policy: The Missouri Botanical Garden is committed to offering the highest quality educational experience to all its students. To ensure a quality experience, the Garden reserves the right to dismiss any participant for any reason without refund.

Recording Classes: Participant agrees not to use commercially any video, photography or reproduction in any form taken at the Garden.

Photo Policy: Participants grant permission to the Garden and its designees to utilize participant’s image, likeness, actions, or statements in any form taken during a visit to the Garden or its family of attractions for the purpose of promoting the Garden and its family of attractions in perpetuity.

Questions: For questions and online process information, please call (314) 577-9506 or email classes@mobot.org. For individual questions at Shaw Nature Reserve call (636) 451-3512 x 6007, Butterfly House call (636) 550-0076 x 13 and for Missouri Botanical Garden call (314) 577-9506.

Give the gift of knowledge! Education Gift Certificates available! Call Carol at (314) 577-9506.

PAYMENT OPTIONS (please check one):

Please check one: ☐ Member ☐ Nonmember ☐ Staff ☐ Volunteer

Missouri Botanical Garden Member ID: _________________________

Payment Method: ☐ Check ☐ Visa ☐ MasterCard ☐ Discover

Card #: _______________________________________________________

Exp: ____________________ 3-Digit Verification Code: _____________

Signature: ______________________________________________________________________________

Mail to:
Missouri Botanical Garden, Education Division, P.O. Box 299, St. Louis, MO 63166

Notice: Classes may be photographed and/or recorded for use by the Garden in its communications efforts. Students wishing not to be photographed or recorded should inform the photographer.
REGISTRATION STARTS AUGUST 1.

Sign up online at mobot.org/Classes

Also offered at:

Commerence Bank Center for Science Education

Maps are available online:

Chesterfield, MO 63017
15193 Olive Blvd., Faust Park
Sophia M. Sachs Butterfly House

St. Louis, MO 63110
4651 Shaw Blvd.

Shaw Nature Reserve

Gray Summit, MO 63039
P.O. Box 38
HWY 100 at I-44 (exit 253)

Clases are offered at:

344 Shaw Boulevard • St. Louis, MO 63110

Missouri Botanical Garden