LEARN + — DISCOVER

Registration Begins February 1, 9 a.m.

CLASSES FOR ADULTS, YOUTH, and **FAMILY**

Spring-Summer 2024 mobot.org/classes







MISSOURI SHAW Sophia M. Sachs **BOTANICAL BUTTERFLY**

GARDEN HOUSE

NATURE RESERVE

YOUR CATALOG

Use this catalog to discover classes and events offered for a diversity of learners, from young explorers to budding enthusiasts to skilled gardeners. Come grow with us!

In your catalog you will find the following site codes and class/event types:

Please note that some single session classes are offered both in person and online.

Full details will be provided with your class registration. Zoom links and handouts for online classes and instructions for material pickup (if applicable) will be emailed to registrants prior to class. Closed captioning will be available via auto-transcription for all online classes.

SITE CODES FOR CLASSES

MBG: Missouri Botanical Garden SNR: Shaw Nature Reserve BH: Sophia M. Sachs Butterfly House CBEC: Commerce Bank Center for Science Education

ONLINE: Class takes place via Zoom OFFSITE: Check class listing

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

-mission of the Missouri Botanical Garden

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CLASS ACCOMODATIONS

The Missouri Botanical Garden, Shaw Nature Reserve, and Sophia M. Sachs Butterfly House are committed to providing an inclusive education environment by ensuring that our classes are accessible to everyone. With this in mind, we now have an easier way for our students to request accessibility accommodations for all of our onsite and online classes. You can request American Sign Language interpretation, captions, audio description, large print, and more for classes you attend while registering online with just a few clicks. As always, you can reach us by phone or email to request accommodations to (314) 577-9506 or classes@mobot.org.

New class offerings are being added all the time! Visit mobot.org/classes or follow @LearningatMissouriBotanicalGarden on Facebook.



What is Therapeutic Horticulture and what can it do for you?

To find the answers, explore class offerings taught by the Therapeutic Horticulture staff. Deepen your connection with the natural world and improve your well-being in the process.

Knitting in the Garden, page 5

Beyond the Growing Season, page 20

The Whole World in a Single Flower, page 28

Book Club, page 28

Nature Journaling in Less Traveled Corners of the Garden, page 28

Journey to Well-being, page 36

To learn more, go to mobot.org/THprograms or email MBGTherapeuticHorticulture@mobot.org.

ADULT CLASSES

DIY CRAFTS

All materials are provided and no prior experience is necessary unless otherwise noted.

Zoom links for online classes will be emailed prior to class. Price per person, per class.

Think About Tables Workshop (SNR)

For ages 16 and up. Create a unique table from honeysuckle. In North America, bush honeysuckle (*Lonicera maackii*) is an invasive species. Yet honeysuckle wood is sturdy, strong, grows in interesting shapes, and is ideal for transforming a problem into a creative opportunity. We'll start with a demonstration and then make a table to take home.

Saturday, March 2

Saturday, March 2 or Saturday, March 30; 9 a.m.–3 p.m. \$40 members; \$48 nonmembers Glassberg Family Pavilions Dale Dufer

Weave Your Own Scarf (CBEC)

Learn how to weave 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 during class. Learn a basic weave to make a lovely scarf, which is great for a first-time project. You will have several colors to choose from, and all supplies are provided. Bring a sack lunch.

Saturday, March 23 or Saturday, April 27; 9:30 a.m.-2:30 p.m. \$96 members; \$115 nonmembers Commerce Bank Center for Science Education, Room 125 Jill Kettler

FEELING CREATIVE?

Photography classes pages 31-34

Paint and Sip (BH)

Let your inner artist take flight with this perfect pairing! After an inspirational stroll through our butterfly-filled Tropical Conservatory, our instructor will lead you through the creation of a unique art piece inspired by the Butterfly House. Each session features a different project, so come for one or come for all! Enjoy a relaxing night of painting, wine, and light snacks that is sure to both stimulate your taste palate and encourage your creative palette.

6:30–9 p.m. \$50 members; \$60 nonmembers Butterfly House

Ladybugs on Canvas Friday, April 12

Painted Firefly Wineglass Friday, July 12

Natural Dyes in Action (MBG)

Join Erin Luna in the Kemper Kitchen to see the beauty of natural dyes in action. In this handson workshop, you will create beautiful, unique pieces of wearable art to keep for yourself or give as a gift. Wear appropriate clothing and come inspired!

Saturday, April 20; 11 a.m.–1:30 p.m. \$50 members; \$60 nonmembers Kemper Center for Home Gardening Classroom Erin Luna

Weave Your Own Table Runner (CBEC)

Learn how to weave using seasonal colors of natural fibers. With a pre-warped loom, you will be ready to weave a 10" x 36" table runner during class. Learn the Brooks Bouquet weave, a new technique for beginners or those who have woven before. Bring a snack if you like.

Saturday, April 20
or Saturday, May 4; 9:30 a.m.-1 p.m.

\$75 members; \$90 nonmembers Commerce Bank Center for Science Education, Room 125

Jill Kettler

Make Your Own DIY Personal Care Products! (CBEC)

Learn to make your own DIY lip balm, bath bombs, and sugar scrub! We use simple, mostly natural ingredients great for those wanting to use less hazardous products or who have sensitive skin or allergies. You'll go home with actual items you've made and the recipes to make them again yourself. Come have fun!

Wednesday, April 10 or August 7; 6:30–8 p.m. \$35 members; \$42 nonmembers Commerce Bank Center for Science Education, Rooms 126 and 127 Glenda Abney and Carolyn Schmaltz

Simple Flower Arranging (MBG)

Creating arrangements from your own yard can be a relaxing and rewarding experience. We will learn about the season's best plants for cut arrangements that you can grow in your own yard, maximizing store-bought bouquets, and unusual vase ideas. Create your own beautiful arrangement using purchased flowers and Garden-grown flowers. Come prepared for a ½-mile walk.

\$43 members; \$52 nonmembers Sharon Lloyd

Spring Saturday, May 11; 10 a.m.–noon Cohen Amphitheater

Summer

Thursday, July 11; 5–7 p.m.
Taylor Visitor Center East and West
Meeting Rooms

Late Summer NEW
Saturday, August 24; 10 a.m.-noon
Taylor Visitor Center East and West
Meeting Rooms

DIY Sustainability in the Kitchen (MBG)

You don't need to go out and buy new products to reduce waste at home—make them yourself from reclaimed materials! Receive hands-on instruction and craft along to make a set of cloth beeswax wraps and reusable napkins from salvaged fabric and natural materials. Learn tips and tricks for how to use and maintain your wraps and napkins along the way. Leave the workshop with a pair of wraps, a set of napkins, and the knowledge to make many more!

Friday, May 3; 1–2:30 p.m. \$38 members; \$46 nonmembers Kemper Center for Home Gardening Classroom Perennial Staff

Knitting in the Garden (MBG) NEW

In grassy areas of the Garden, learn to knit a simple project or bring your work in progress. We will help you problem solve any tough spots, answer knitting questions, and provide guidance on selecting your next project. Weave together nature and knitting into a handmade accomplishment in our outdoor knitting circle. Attend as many sessions as you choose. Materials list provided at registration.

Tuesday, May 28
or Tuesday, June 4
or Tuesday, June 11
or Tuesday, June 18; 9:30–11:30 a.m.
\$10 members; \$12 nonmembers
Taylor Visitor Center Check-in
Therapeutic Horticulture staff

Intro to Papermaking (MBG) NEW

Create beautiful, handcrafted papers! In this workshop, participants will make handmade papers using discarded paper waste. The class will cover the basics of papermaking techniques, including fiber and pulp preparation, how to form sheets using a mould and deckle, and pressing and drying techniques. Each participant will make as many sheets as time allows. No papermaking experience required. Expect to get messy!

Saturday, June 8; 1–3 p.m. \$48 members; \$58 nonmembers Kemper Center for Home Gardening Classroom Perennial Staff



Succulent Centerpiece (MBG)

Succulents are hot, hot, hot! Come learn about the care and culture of these wonderful plants and design a beautiful succulent dish garden for your home.

Thursday, June 13; 3–5 p.m. \$62 members; \$74 nonmembers Taylor Visitor Center East and West Meeting Rooms Sharon Lloyd

Botanical Card Making and Its History (MBG)

Plant presses are and have been invaluable to Garden researchers and horticulture staff to preserve and catalog plants from around the world. Brittany Shultz will demonstrate how to make a voucher using plant materials with a variety of techniques. Then she will explain how to make your own press using materials found around your home. Use pressed flowers and leaves to make your own cards. All materials provided.

Saturday, June 15 or Saturday, July 27; 9:30–11:30 a.m. \$35 members; \$42 nonmembers PlantLab Brittany Shultz

Kokedama Workshop (MBG) NEW

Learn the art of creating Japanese-style moss plantings, called Kokedama, and create two of your own to take home. Beginners welcome. Saturday, July 13; 10–11:30 a.m.

Kemper Center for Home Gardening Classroom Chris Mower

Creative Flower Arranging— Fill Your Vase (MBG)

Creating arrangements from your own yard can be a relaxing and rewarding experience. Join us for this three-part series. During each class we will learn about the season's best plants for cut arrangements you can grow in your own yard, maximizing store-bought bouquets, and unusual vase ideas. In each class, you will create a seasonal, one-of-a-kind vase arrangement. Price includes a flower frog and vase to be brought back with you for each class in the series. Come prepared for a 1/2-mile walk. 3 Thursdays: July 18, August 8, 22; 5:30-7:30 p.m. \$125 members; \$150 nonmembers Taylor Visitor Center East and West **Meeting Rooms**

Wood Flower Press (MBG) NEW

Sharon Lloyd

Do you love dried flowers and other botanicals? Want to preserve them for years to come? Learn to build your own flower press from salvaged wood. The class will demonstrate how to safely use the tools needed to cut and assemble your own upcycled flower press. You'll gain experience safely using Japanese hand saws, electric drills, and clamps during this process. When finished you'll be able to proudly leave the class with a working recycled press that will properly preserve your botanical wonders for long after they've been picked!

Thursday, July 25; 6–9 p.m. \$64 members; \$77 nonmembers Kemper Center for Home Gardening Classroom Perennial Staff

FINE ARTS

All classes have supply lists unless noted. Price per person, per class.

Watercolor in Bloom (CBEC)

All levels. Using the free-flowing, spontaneous nature of watercolor, students will translate the beauty of spring into expressive, vibrant and colorful paintings. Techniques to be present include painting wet into wet, glazing, negative and positive shape making. Students will also learn to make "painterly" paintings through design and the use of decisive, expressive brushstrokes. The focus of the class is to have fun while exploring impressions of spring through the medium of watercolor. 8 Fridays: March 8, 15, 22, 29, April 5, 12,19, May 3; 9:30 a.m.-noon \$280 members; \$336 nonmembers **Commerce Bank Center for Science** Education, Room 125 **Judy Seyfert**

The Garden in Watercolor (MBG)

All levels. 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. Supply list provided at registration.

8 Tuesdays: April 2, 9, 16, 23, 30, May 7, 14, 21; 9:30 a.m.-noon
\$280 members; \$336 nonmembers
Taylor Visitor Center Check-in
Mary Dee Schmidt

Watercolor:

It's All in the Technique (CBEC)

All levels. Knowledge combined with experience and tenacity are the keys to success in watercolor. Through group and individual instruction, Judy will demonstrate classic watercolor tricks and techniques which are the building blocks for impressive paintings. There is a method to paint almost everything from folds on a petal to reflections on water and much more. All you have to do is learn the technique. 6 Mondays: April 15, 22, 29, May 6, 13, 20; 6:30–9 p.m.
\$210 members; \$252 nonmembers
Commerce Bank Center for Science
Education, Room 125
Judy Seyfert

Sketching in the Garden (MBG)

All levels. Whether you are looking for a way to get started, or just looking for inspiration to get back into drawing, Sketching in the Garden is a great way to relax, be in the moment, and really learn to see. We will visit a different area of the Garden each week and concentrate on its uniqueness for inspirational sketching. Participants will look at different aspects of drawing in each session, focusing on but not limited to line, perspective, shading, and texture. Individual instruction and group demos will be a part of each class. You will leave with a Garden-inspired sketchbook full of drawing techniques to practice wherever you go. 5 Mondays, April 15, 22, 29, May 6, 13; 10 a.m.-noon \$140 members; \$168 nonmembers Taylor Visitor Center Check-in **Judy Cobillas**

Botanical Watercolor Workshop (SNR)

All levels. Theresa Long, a botanical watercolor artist, offers this 4-day workshop focused on carefully observing botanical specimens selected from the Whitmire Wildflower Garden. Through close observation, learn to record textures, colors, and shapes with accuracy. This workshop includes painting flowering specimens as well as their related parts such as leaves, stems, seeds, and interior structures. Participants will learn to use measurement techniques along with dissection to identify accurate scale. Sessions will wrap up each day with discussion of progress, questions, and insights. Participants need to bring a sack lunch or snacks.

4 Thursdays: May 9, 16, 23, 30; 9:30 a.m.–3 p.m. \$275 members; \$330 nonmembers Carriage House Theresa Long



Give the Gift of the Garden

Share the beauty of the Missouri Botanical Garden with a friend or loved one. Membership includes free daily admission, valuable discounts, special invitations, and more!

For more information: mobot.org/giftmembership membership@mobot.org (314) 577-5100





FINE ARTS continued...



Plein-Air Watercolor Workshop (SNR)

All levels. Enjoy plein-air watercolor painting with watercolor artist, Theresa Long. Pleinair is a French term defined as painting done outside while directly observing the landscape. We'll begin with a demonstration, followed by independent painting with instructor support. Sessions will wrap up each day with discussion of progress, questions, and insights.

4 Thursdays: June 6, 13, 20, 27; 9:30 a.m.-3 p.m. \$275 members; \$330 nonmembers Carriage House Theresa Long

Intro to Printmaking (MBG) NEW

Create a print inspired by nature while learning the basics of linocut printing. You will learn how to design, carve, and print a single color linocut block in this class. All materials provided and beginners welcomed!

Saturday, April 13; 6–8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Norman Spencer

WANT MORE LIKE THIS?

Art in Nature, page 36

FOOD and COOKING

All cooking classes are demonstrations only. Chefs provide copies of their recipes. Zoom links and handouts for online classes will be emailed prior to class. Price per household, per class.

Thyme for Tea (MBG) NEW

Join members of The St. Louis Herb Society for a morning of fun as we share how to prepare our favorite herbal teas, light sandwiches, and desserts with a tasting to follow. A tea party is a perfect way to enjoy spending time with family and friends or for a social celebration such as a wedding or baby shower.

Tuesday, March 12; 10 a.m.–1 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom St. Louis Herb Society

Satisfying Tofu Skeptics (MBG) NEW

Do you already love tofu, or do you consider yourself a tofu skeptic? Have you tried your fair share of soy curds and concluded their allure is hopelessly lost to you? Whatever your starting point, this class—lessons in making tofu even for people who think they don't like tofu—is for you! Through a few simple techniques across a range of dishes including sandwiches, stir-fry, Cantonese, and Japanese, you'll learn how to feature tofu in recipes that satisfy vegetarians and meat-eaters alike.

Tuesday, March 19; 6–8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Dusty Freund



Unwrapping the Secrets of Chocolate (MBG)

Have you ever taken the time to really taste chocolate and think about why you love it? Join fellow chocophile Kim Petzing to take your chocolate obsession to the next level. Gain insights on how chocolate is made, health benefits, terminology, sustainability in the chocolate world, and pairing chocolate. Sample a variety of chocolates to support the discussion. Samples, wine pairing recommendations, and handouts to be picked up at the Garden prior to the class.

Saturday, April 20 or Saturday, July 20; 2–4 p.m. \$40 members; \$48 nonmembers Taylor Visitor Center East and West Meeting Rooms Kim Petzing

A la Russe Dining from the Gilded Age (MBG) NEW

Taking recipes from 'The Gilded Table' cookbook, food author and historian, Suzanne Corbett will share her love and knowledge of all things culinary. Jane Muscroft will be on hand to assist with preparing hot stuffed eggs, spring salad with cream dressing and beaten biscuits, brown chicken fricassee, Queen of Sheba cake, and let's not forget the Roman Punch!

Friday, April 26; 11 a.m.–1 p.m. or Tuesday, May 28, 6–8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Jane Muscroft and Suzanne Corbett

FOOD and COOKING continued...

Stick a Fork in Food Waste (MBG)

Food waste makes up nearly 22% of the waste we send to landfills. What are options, from field to fridge, to change this situation? This class will help you identify strategies for reducing food waste in your own home. In the cooking demo portion, Chef Jon Lowe, owner of SoLowe Catering, will demonstrate some food waste reduction strategies you can use in your own kitchen. You will walk out with steps for how to reduce your impact on the environment. Saturday, May 4; 10 a.m.–12 p.m. \$22 members; \$25 nonmembers

Kemper Center for Home Gardening Classroom Maggie McCoy and Chef Jon Lowe

Mushroom Identification: 5 to Eat and 5 to Avoid (MBG) ONLINE

Learn how to safely identify some of the popular edible mushrooms that grow in Missouri. This class will cover five easily identified edible mushrooms, as well as tips on where to look for them. We will also cover the five most dangerous mushrooms, so you can start foraging with confidence.

Tuesday, May 7; 6–8 p.m. \$28 members; \$34 nonmembers Liz Byrde

Botanicals for Cocktails (MBG) NEW

What flower turns your cocktail from blue to bright pink? How can goldenrod flowers create a memorable drink? Learn the answers to these questions and more as we explore the qualities of botanicals for the basis of numerous cocktails and mocktails. Class will include the creation of syrups, mulling spice combinations, shrubs and more, all perfect additions to the cocktails of your choice. Recipes and tasting will be a part of the fun.

Tuesday, May 14; 6–8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Jeanne Carbone

Rosewater Desserts (MBG)

Indulge yourself in the classic essence of rose as you create a variety of artisanal rosewater infused desserts. Matthew Norman, Garden rosarian, will guide you through the process of making rosewater, and Nicole Smith will incorporate rosewater into pistachio and rosewater cookies, orange olive oil cake with rosewater and almonds, and dark chocolate and rosewater truffles, all of which you will sample. You will leave inspired and delighted, ready to recreate these recipes and, perhaps, to try your own creations.

Thursday, June 6; 5:30–8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Matthew Norman and Nicole Smith

Feast of Flowers (MBG) NEW

Learn about edible flowers, and get some delicious recipes to make with them! There is nothing quite like adding edible flowers to make your meal look beautiful and feel truly special. We will discuss many different flowers that can be used in a variety of ways, as well as dishes to make with them, both savory and sweet!

Tuesday, July 16; 5–7 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Liz Byrde

No Cook, No Bake, No Problem! (MBG) NEW

Keep the heat out of your kitchen this summer with these delicious recipes. In this class, Jane will teach you how to make gazpacho soup, coronation chicken salad sandwich (as served previously at the Queen's Cuisine Tearoom), celery sticks with blue cheese filling, spring salad, summer pudding and unbaked cheesecake. Beat the heat and join us for this cool class!

Wednesday, July 24; 11 a.m.-1 p.m. or Tuesday, June 11; 6-8 p.m. \$40 members; \$48 nonmembers Kemper Center for Home Gardening Classroom Jane Muscroft and Suzanne Corbett



Vegetarian Summer Harvest (MBG) NEW Whether you have a bounty of fresh produce from your own garden or simply want new ideas for cooking in accordance with the season, you will gain some delicious inspiration from this class. Join Nicole Smith as she demonstrates several summery recipes that are vegetarian-friendly but can be enjoyed by all.

Tuesday, July 30; 6-8 p.m. \$40 members; \$48 nonmembers

Kemper Center for Home Gardening Classroom Nicole Smith

FROM KITCHEN TO GARDEN

Edible gardening classes page 16

Explore our Blog

Enjoy the beauty of the Garden and let your knowledge of the natural world keep growing, no matter where you are.



discoverandshare.org



Sign up online at mobot.org/classes.

GARDENING and LANDSCAPING

Zoom links for online classes will be emailed prior to class. Price per person, per class.

GARDENING for BIODIVERSITY

Native Plant School (SNR) -

Native Plant School is a year-round series of classes taught by the Horticulture staff at Shaw Nature Reserve and covers various aspects of native landscaping. Native Plant School classes are supported by the Missouri Department of Conservation and the St. Louis Wild Ones Chapter. Please bring your questions, comments, drawings, and plant specimens. Participation from the audience is encouraged.

Get Started Planning Your Native Plant Garden

Shaw Nature Reserve Horticulturists will help you begin your journey planning a native plant landscape for your yard. Vivian Bouse will begin the presentation talking about the ecological reasons to plant native, Jen Sieradzki will teach you about the basic how to's and considerations while planning a more formal-looking native plant garden, and Erin Goss will guide you through the design process. You are encouraged to bring your questions and even project ideas for your own yard so you can get help working through difficult sites or areas that you are unsure about how to handle.

Thursday, March 14; 1–3 p.m. \$14 members; \$17 nonmembers Carriage House Shaw Nature Reserve Horticulture Staff

Springtime Herbs in the Ozarks

The first green herbs of spring have historically played an important role in the lives of rural Ozarkers. In the days before modern grocery stores, or pharmacies, or central heating, a long winter of staying indoors with few fresh foods to eat could make people feel slow and lethargic. Springtime herbs like dandelion, nettles, chickweed, and violets, as well as sassafras roots and spicebush twigs, were used to make "spring tonics" to help people shake off the sluggishness of winter and get energized for the warmer months ahead. These tonics were traditionally thought to "thin" or "purify" the blood, but they also can provide a boost of vitamins and trace minerals. In this workshop, we will learn to identify some common springtime herbs in the Ozarks and sample teas made from popular spring tonic plants. We will also collect some herbs ourselves to make our own infused herbal "spring tonic" vinegars.

Thursday, April 11; 1–3 p.m. \$18 members; \$22 nonmembers Carriage House Dr. Kate Farley

Observing Spring in the Whitmire Wildflower Garden

Take a walk around the Whitmire Wildflower Garden with Shaw Nature Reserve Horticulturist Donald Frisch. For many years, Donald led small walking groups around the Missouri Botanical Garden grounds, sharing his insights and observations. Now, he will be guiding a small group around the Whitmire Wildflower Garden to explore the spring awakening of the garden. Various spring ephemerals and other native plants will be enjoyed and discussed as you wind your way along the walking paths. Learn about some interesting ways that spring ephemerals can enhance your home gardens. Often people miss viewing the spectacular spring display in the Whitmire Wildflower Garden. Here is your opportunity! Be prepared to walk the garden by foot.

Thursday, April 25; 1–3 p.m. \$14 members; \$17 nonmembers Bascom House Circle Drive Donald Frisch

Ask the Native Plant Horticulturist!

This class will provide participants the opportunity to tour the Whitmire Wildflower Garden and talk with the Shaw Nature Reserve Horticulture staff about getting native plant gardens ready for the growing season, maintenance advice, and ideas for enhancing your garden's appearance. The Horticulture team will discuss how we maintain the Whitmire Wildflower Garden and will allow time for gardening conversations and questions. Be prepared to tour the garden by foot.

Thursday, May 23; 1–3 p.m.
Bascom House Circle Drive
\$14 members; \$17 nonmembers
Shaw Nature Reserve Horticulture Staff

Cut Flower Gardening and Floral Arranging with Natives

Shaw Nature Reserve Horticulturist and independent flower farmer, Joan Klingensmith, will walk you through the basics of cut flower gardening with natives, including plant selection, design, and maintenance. You'll then get a short demonstration on floral arranging and a chance to arrange your own! Bring a small to medium vase to class and bring it home full of beautiful native flowers.

Thursday, June 20; 1–3 p.m.

Thursday, June 20; 1–3 p.m Adlyne Freund Center Joan Klingensmith

Weeds: Wrong Plant, Wrong Place

Join Horticulturalist Erin Goss as we explore the world of weeds: What are they? How do we I.D. them? Can native plants be labeled weeds and what can we do about them? Bring your pictures and/or questions for a fun-filled discussion of these sometimes pesky, often persistent garden intruders. Thursday, July 18; 1–3 p.m.

Carriage House Erin Goss

Native Landscaping for Drought Tolerance

Learn about the importance of planning for future drought, now. Leave this presentation with an understanding of how climate change is predicted to affect our growing-season precipitation patterns and what Missouri native species you can plant to support wildlife and withstand drought while looking beautiful in your landscape.

Thursday, August 15; 1–3 p.m. Carriage House Shannon Callahan, Audubon Society

GARDENING and LANDSCAPING continued...

Gardens That Rock! (MBG) NEW

Horticulturist Mariel Tribby will introduce rock gardening, share rock garden design ideas and her favorite plants for our St. Louis climate.

After the presentation, you will enjoy a short walking tour of the Heckman Rock Garden at peak bloom will be sure to leave you inspired!

Tuesday, May 14; 5:30-7:30 p.m.

\$28 members; \$34 nonmembers

Taylor Visitor Center East and West

Meeting Rooms

Mariel Tribby



Art of Attraction (BH)

Create a space that Mother Nature can't resist! Each class will share strategies on how to attract specific wildlife to your yard, along with insight into what makes these approaches successful. We will also take you on a walk through our outdoor gardens to see theory put into practice.

2:30–3:30 p.m. \$26 members; \$31 nonmembers Butterfly House Butterfly House Staff

Butterflies Saturday, April 20

Hummingbirds Saturday, July 20

Container Gardening at the Butterfly House (BH)

Invite Mother Nature a little bit closer with an irresistible container at each of these unique sessions! Using plants selected by Butterfly House experts, you will create a vibrant oasis with a specific focus for your own porch or balcony. Learn best practices for how to care for your container, and discover an easy way to provide a benefit to both yourself and your wild neighbors. All plants and supplies provided. \$62 members; \$74 nonmembers Butterfly House Butterfly House Staff

Spring Blooms Thursday, April 25; 6:30-8 p.m.

Butterflies Thursday, May 23; 6:30–8 p.m.

Natural Pest Control Thursday, June 13; 6:30-8 p.m.

Hummingbirds Sunday, July 14; 2:30-4 p.m.

Native Bees Sunday, August 18; 2:30–4 p.m.

BRING THE KIDS!

Family Container Garden, page 48

GARDENING BEST PRACTICES

Become a Great Gardener (MBG)

These classes are designed for beginners just getting into gardening. All plants and supplies provided.

Taylor Visitor Center East and West Meeting Rooms unless noted Sharon Lloyd

Low-Maintenance Perennials

Every gardener wants beautiful flowers, but most don't have endless hours to work in the garden. Dig deep into the top 20 plants for the St. Louis garden in sunny or shady areas. Wednesday, March 6; noon-1 p.m. Online or Thursday, May 23; 5:30-7:30 p.m. or Monday, June 3; 5:30-7:30 p.m. \$28 members; \$34 nonmembers

Back to Basics Garden Boot Camp

Whether you are new to gardening or just need a refresher, this class is for you. Join us for this intensive, interactive four-part class and discover the importance of soil, mulch, watering, and plant nutrients. Learn about plant location, types of plants, division, and overall maintenance. Come prepared for a mile walk.

4 Tuesdays: March 19, 26, April 2, 9; 5:30–7:30 p.m. \$112 members; \$134 nonmembers

Multi-Season Interest

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! Come prepared for a mile walk.

Wednesday, May 15; 10 a.m.-noon \$28 members; \$34 nonmembers

Top 10 Natives

Do you see native plants for sale at nurseries but are not sure which ones to choose or how to combine them in your existing garden? Join us as we take a look at the top 10 native plants, shrubs, and trees for the St. Louis area and learn how to incorporate them into your landscape.

Thursday, May 16; 1-3 p.m. or Thursday, August 15; 10 a.m.-noon \$28 members; \$34 nonmembers PlantLab

- Fabulous Foliage

Flowers come and go but foliage plants look good all the time. Join us on a walking tour of the Garden and learn new ways to combine gorgeous foliage plants in your garden or containers. We will look at both tropical and perennial plants that grow well in the region and take home a small plant to add to your garden. Come prepared for a 1½-mile walk.

Saturday, June 15; 10 a.m.–noon \$33 members; \$37 nonmembers Taylor Visitor Center Check-in

Blooms for Four Seasons

Flowers, flowers, everywhere! Learn how to plant a diversity of annuals, perennials, shrubs, and trees that will provide you with a yearlong supply of color and interest. We will take a look at both native and non-native plant options. Come prepared for a 1½-mile walk.

Monday, June 17; 5:30–7:30 p.m. \$28 members: \$34 nonmembers

Refresh Your Containers

Are your containers looking tired, worn, overgrown, or just plain scraggly? By midsummer our containers are in need of some much deserved TLC. You will learn a variety of techniques to bring those once beautiful containers back to life! Come prepared for a ½-mile walk.

Tuesday, July 9; 5-7 p.m. \$28 members; \$34 nonmembers

GARDENING and LANDSCAPING continued...

Strawberries, Blueberries, and More (MBG)

Grow and harvest sweet strawberries, tasty blueberries, and succulent blackberries in your own backyard. This class is designed to teach you the basics, including establishing plants, pruning, and common pests. Elizabeth Wahle will get you started with these small fruits, plus help you avoid common beginner mistakes.

Monday, March 11; 6–8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Elizabeth Wahle

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.

Wednesday, March 13; 5:30-7 p.m. \$28 members; \$34 nonmembers PlantLab Cheryl Rafert

Growing Fresh Vegetables at Home (MBG)

Nothing is better than fresh, healthy vegetables grown right in your own back yard! In this class, you will explore the easiest veggies to grow in the St. Louis region, how to start a vegetable garden bed in the ground or in a container, the difference between growing vegetables from seed versus nursery-bought plants, and soil and sunlight requirements. You will also take home some seeds to get your vegetable garden started!

Thursday, March 21; 2–4 p.m. \$35 members; \$42 nonmembers Taylor Visitor Center East and West Meeting Rooms Sharon Lloyd

Edible Gardening in Containers (MBG)

Want to grow your own food? Not sure where to start? No room for a traditional garden? Come learn how to grow fresh, delicious edibles in containers including edible flowers, herbs, vegetables, and fruits. Plant up a container of easy care spring veggies for full to part sun to take home. Come prepared for a 1-mile walk. Thursday, April 11; 4-6 p.m. \$62 members; \$74 nonmembers
Taylor Visitor Center East and West Meeting Rooms
Sharon Lloyd

Creating Raised Beds for Organic Vegetables (MBG)

Do you have hard clay soil but dream about a gorgeous vegetable garden? A raised bed garden might be just the solution to your soil problems. Cheryl will help you get started this fall with ideas for site placement, compost creation, and plant selection. Learn about different types of raised beds along with their pros and cons. Be inspired to create the organic raised bed garden of your dreams.

Monday, May 6; 5:30–7:30 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Cheryl Rafert

My Favorite Things (MBG)

Take a seasonal walk through the Garden.
Join Sharon Lloyd, gardener instructor, as she highlights some of her favorites of the season including bulbs, perennials, shrubs, and grasses. Come prepared for a 2-hour walk.
\$28 members; \$34 nonmembers
Taylor Visitor Center Check-in
Sharon Lloyd

Late Winter
Tuesday, March 12; 1–3 p.m.
or Saturday, March 23; 10 a.m.–noon

Early Spring Tuesday, April 16; 10 a.m.-noon

Summer Tuesday, July 16; 9–11 a.m.

Start a Garden in 10 Easy Steps (MBG)

Learn 10 easy steps to start your very own garden this spring. Sharon gives you a simple place to start your gardening journey in this 60-minute presentation followed by 30-minutes for questions and answers.

Thursday, March 14; 10–11:30 a.m. \$21 members; \$25 nonmembers PlantLab Sharon Lloyd

Spring Cool-Season Lawn Care (MBG)

Cool-season lawns of bluegrass and fescue varieties are best for St. Louis. Glenn will focus on seeding, renovating, fertilizing, and watering. He will discuss weed, disease, and pest control challenges. You'll come away with a complete picture of the steps necessary to maintain your cool-season lawn.

Monday, March 18; 6–7:30 p.m. \$21 members; \$25 nonmembers Taylor Visitor Center East and West Meeting Rooms Glennon Kraemer

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 how to turn your yard into a personal place, reflective of you and your family. You'll learn about landscapes, sustainability, and plant selection for your home. 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: April 3, 10, 17, 24, May 1, 8; 6:30-9 p.m. \$210 members; \$252 nonmembers PlantLab Russ Volmert

My First Garden, the Basics NEW, ONLINE

This beginner's class will help you succeed with your very first garden. You will learn the basics needs of plants, from how and when to water, soil, sunlight needs for vegetables, annuals and perennials, fertilizers and more...come prepared with your questions!

Thursday, April 4; noon-1 p.m. \$14 members; \$17 nonmembers Sharon Lloyd



Perennial Beds Remake (MBG)

Spring is a great time to rejuvenate your perennial garden through dividing and transplanting. During Mariel's presentation, learn easy maintenance techniques to keep your garden beautiful throughout the year. Outdoors, take a short tour to see perennials that grow great in the Midwest. Then try dividing some perennials yourself and take home a plant or two. Come prepared for a short walk.

Thursday, April 25; 5:30–7:30 p.m. \$28 members; \$34 nonmembers PlantLab Mariel Tribby

How to Plant a Tree (MBG) NEW

Arborist Dave Gunn can help you celebrate Arbor Day by getting to the root of the matter! He will explain how to give a new tree the best possible chance to grow big and strong in your yard. You will hear about common pitfalls, observe helpful examples in the Garden, and draw lessons from Dave's many years of treecare wisdom. Come prepared for a walk.

Thursday, April 6; 3–5 p.m. \$35 members; \$42 nonmembers Taylor Visitor Center Check-in Dave Gunn

GARDENING and LANDSCAPING continued...

Spring Porch Pot (MBG)

Learn the basics of container gardening from types of containers, potting soils, watering, fertilizing, and plant selection. Create a container filled with spring plants for full sun to part shade to take home. Take a walk in the Garden to see this season's creative containers. Monday, April 15; 10 a.m.—noon \$62 members; \$74 nonmembers

Cohen Amphitheater

Fragrant Porch Pot (MBG) NEW

Sharon Lloyd

Fragrant flowers and foliage can take a pretty container to unforgettable! The scents attract pollinators and make people stop and linger. Join us as we learn the basics of container gardening and make your own beautiful, fragrant container to take home.

Wednesday, May 1; 5:30–7:30 p.m.
\$62 members; \$74 nonmembers
Taylor Visitor Center East and West
Meeting Rooms
Sharon Lloyd

Mother's Day Porch Pot (MBG)

Looking for something fun to do with mom this year? Grab your mom, friend, or just yourself and join us for a fun and relaxing evening as we explore how to create a container garden just in time for Mother's Day. Take a walk in the Garden to see this season's creative containers. Create a beautiful container garden filled with summer plants for sun to part shade to take home. Come prepared for a ½-mile walk.

Tuesday, May 7; 5–7 p.m. \$62 members; \$74 nonmembers Cohen Amphitheater Sharon Lloyd

Pollinator Porch Pot (MBG) NEW

Want to attract bees and butterflies to your garden? This is the class for you. We will learn container garden basics, take a walk in the garden, and build a container to take home filled with pollinator-friendly plants that you will love too! Come prepared for a ½-mile walk. Monday, May 20; 10 a.m.-noon \$62 members; \$74 nonmembers Cohen Amphitheater Sharon Lloyd

Summer Porch Pot (MBG)

Learn the basics of container gardening from types of containers, potting soils, watering, fertilizing, and plant selection. Take a walk in the Garden to see this season's creative containers. Create a container filled with summer plants for full sun to part shade to take home.

Thursday, June 6; 5–7 p.m. \$62 members; \$74 nonmembers Cohen Amphitheater Sharon Lloyd

Rose Gardening (MBG)

Matthew Norman

Have you stopped gardening with roses because you think they're high maintenance or need lots of sprays? Think again. Join the Garden's rosarian, Matthew Norman, as he shares his plans for the rose gardens, see the first blooms of the season, and hear how he cares for them. Get inspired to retry these classic flowers along with design ideas for companion plants. Be prepared for a mile walk. Thursday, May 23; 5:30–7:30 p.m. \$28 members; \$34 nonmembers

Gardens Inspired by Gertrude Jekyll and the Cottage Garden Style (MBG)

There are many cottage-style gardens but only one Gertrude Jekyll. Learn about her iconic gardens and historic designs. Hear how staff adapted her plant selection for the Midwest and installed the plantings around the Garden's Herring House. Then see how the Garden went from paper to planting in this guided walk around the secluded, non-public grounds. Tuesday, June 4; 5:30–7:30 p.m. \$28 members; \$34 nonmembers PlantLab Mariel Tribby

Rain Gardening and Rainscaping (MBG)

Join us to learn how to plan and install a rainscaping feature in your own yard! Rainscaping is a type of landscaping intended to reduce stormwater runoff while also creating a beautiful garden with multiseason appeal. Rainscaping is a sustainable landscaping initiative that supports local wildlife and reduces pollution in our waterways. Plus hear briefly about rainscaping funding opportunities.

Tuesday, June 4; 6–8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Allison Joyce and James Faupel

Home Hardscape Design (MBG)

Complete your beautifully landscaped yard with hardscaping such as a natural stone path, a retaining wall, or a new stone patio. Come learn basic concepts of design for hardscaping projects that will complement any type of landscaping. Beginners welcome!

Monday, June 10; 6–8 p.m.

\$28 members; \$34 nonmembers

Taylor Visitor Center East and West

Propagating Plants at Home (MBG)

Meeting Rooms

Kurt Keister

Whether for personal enjoyment or to protect plant diversity, propagation, the practice of growing new plants form seeds or cuttings of an existing plant, is an excellent way to make more plants at home! You will learn a variety of propagation techniques that work on indoor and outdoor, native and non-native plants. Using hands-on instruction, Sharon Lloyd will guide you through cutting, division, rooting, and potting. You will leave with a freshly-potted plant and the knowledge you need to continue propagating your plants at home.

Tuesday, June 11; 5:30–7:30 p.m. \$37 members; \$44 nonmembers Taylor Visitor Center East and West Meeting Rooms Sharon Lloyd

Formal Front Yard Landscaping with Native Plants ONLINE

Landscaping with native plants has become popular with home gardeners, but people who are not familiar with natives can find them wild, messy, or untidy. It's important to convey the sense that a native plant garden is intentional and maintained through plant choice, design, and maintenance. We'll show you how to use native plants in a more formal manner for front yard purposes. They'll notice your beautiful garden first, which just happens to be native plants, giving you the opportunity to share their benefits to people and wildlife.

Monday, July 29; 5:30–7 p.m. \$21 members; \$25 nonmembers James Faupel

Oh Deer! (BH)

Majestic, beautiful, and always hungry, deer are often a most unwelcome visitor to our gardens. Learn how to minimize your frustration with smart plantings that will help your green space be less attractive to our hooved neighbors. Using deer-tolerant plants paired with deterrent strategies, you just may learn to appreciate the beauty within the antlered beast.

Sunday, August 4; 2:30–3:30 p.m. \$26 members; \$31 nonmembers Butterfly House Butterfly House Staff

Pruning Shrubs (MBG)

Have you been wanting to prune your shrubs at home, but not sure where to start or when to do it? Have you wondered how they keep the shrubs at the Garden looking so good? We can discuss this and do a demonstration of pruning while walking through the English Woodland Garden. Topics covered will also include observations on plant health and some common pests and problems to look out for, as well as plenty of time for questions.

2 Thursdays: April 18, 25; 5–7 p.m. \$56 members; \$67 nonmembers Taylor Visitor Center Check-in Daye Gunn



Seeing Trees (MBG)

Deepen your understanding of trees in this two-session class expanded due to popular demand. In the first session, Dave will discuss tree anatomy, soil structure, and basic tree I.D. In the second class, learn Dave's favorite trees, good tree practices, and trees to avoid. Dave will also answer questions throughout. Bring your walking shoes to see the best tree garden in St. Louis. Come prepared for a 1-mile walk.

2 Tuesdays: May 14, 21; 5–7 p.m. \$56 members; \$67 nonmembers Taylor Visitor Center Check-in Dave Gunn

Beyond the Growing Season (MBG)

Growing certain flowers and herbs can provide a bounty beyond the season. Join Therapeutic Horticulture staff to learn which plants can be grown for preserving and using well after the growing season ends. Class will take place in the Zimmerman Sensory Garden and includes plant seedlings to take home.

Tuesday, May 23; 5–6:30 p.m. \$21 members; \$25 nonmembers Taylor Visitor Center Check-in Therapeutic Horticulture Staff

Tree Diseases, Pests, and More (MBG) NEW

Puzzled by tree problems? Troubled with tent caterpillars? Stumped by suspicious shrooms? Wondering what's up with oak galls? Join our expert speakers Arborist and Horticulturist Dave and Plant Doctor Daria as they break down the most common tree issues found in our region. A Q&A session will be held at the end.

Monday, May 6; 5:30–7:30 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Daria McKelvey and Dave Gunn

Well-Behaved Native Plants for Home Gardens (MBG) NEW

Native plants are becoming increasingly popular as they provide many benefits for pollinators, critters, and maintaining a healthy landscape. In this class, you will learn about different native species and nativars ideal for a small garden or home landscape, but will still provide interest throughout all four seasons.

Monday, June 3; 5:30–7 p.m. \$21 members; \$25 nonmembers PlantLab Daria McKelvev

Plant Pests (and Diseases) of the Midwest (MBG) NEW

Insects always munching on your beautiful plants? Powdery mildew shrouding your garden in spores? In this class, you will learn about the most commonly encountered pest and disease issues in the region, and how to distinguish benign issues from those that are problematic. We'll also discuss how to manage a plant's health through integrated pest management strategies (IPM).

Thursday, March 28; 5:30–7:30 p.m. \$23 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Daria McKelvey

GRFFN I IVING

DIY Rain Barrel Demonstration (CBEC)

Learn to collect rain water in a barrel! In this class, EarthWays Center will share the impact of stormwater on St. Louis and how a rain barrel can prevent pollution, among other benefits. Then, Perennial will demonstrate how to alter 55-gallon drums into rain collectors. Learn to incorporate rain barrels in your yard, including creating a base to elevate them and connecting to gutters. *You will not create a rain barrel in this class, but be given instruction to create one.

Wednesday, March 20; 6:30–8:30 p.m. \$28 members; \$34 nonmembers Commerce Bank Center for Science Education, Rooms 126 and 127 Maggie McCoy and Perennial Staff

Composting in Small Spaces: Bokashi and Vermicomposting (CBEC)

Dive into the science and art of indoor composting, a way to reduce the amount of kitchen waste you send to the landfill while creating a nutrient-rich soil amendment for your garden. While there are many composting methods, this class will focus on two small-scale methods for the kitchen: bokashi and vermicomposting. Maggie will demonstrate how to build each of these systems, and participants will receive their own kitchen scrap collector to get started.

Wednesday, March 27; 6:30–8 p.m. \$35 members; \$42 nonmembers Commerce Bank Center for Science Education, Room 125 Maggie McCoy

WANT MORE LIKE THIS?

Landfill Field Trip, page 24

Recycling 101 (CBEC)

It's often hard to figure out what can be recycled and even harder to explain it to skeptical friends and family. Are bottle caps okay? What about plastic bags? Is it even recycled? In this class, you will learn what can be recycled, where recyclables go, and what has to go to the landfill. We'll discuss the importance of recycling, the value of products, and the process for items to get sorted and recycled.

Tuesday, May 7; 6:30–8 p.m.
\$10 members; \$12 nonmembers

Commerce Bank Center for Science
Education, Room 125

Maggie McCoy

Green Burial—A Better Way to Go (MBG)

Curious about green burial but don't know what or who to ask? Join Gracie Griffin of St. Louis' historic Bellefontaine Cemetery as she provides a closer look at green burial practices, dispels myths, and explores some fascinating options available throughout the world. Learn the range of "green" funeral and cemetery options available today, like "becoming a tree," what one can expect when choosing a green service and the environmental benefits of green burial as compared to cremation and traditional burial.

Wednesday, May 15; 6:30–8:30 p.m. \$10 members; \$12 nonmembers Farr Auditorium Gracie Griffin

DIY Crafts for the Garden (CBEC)

Discover new ways to reuse old items with the creative staff at Perennial! Perennial will demonstrate how to transform common items into your next craft project. Participants will learn about projects made with reused materials, and will make crafts of their own! We'll talk about ways to reuse year-round, make garden markers, pollinator hotels, and seed savers.

Wednesday, May 22; 6:30–8 p.m. \$22 members; \$25 nonmembers Commerce Bank Center for Science Education, Room 125 Perennial Staff

GUIDED WALKS and TOURS

Dress for the weather and wear appropriate walking shoes for all guided walks and tours.

ACCESS TOURS

- Access Tours (MBG)

The Missouri Botanical Garden offers FREE Access Tours of the Garden to the disability community on select dates. We are committed to providing an inclusive environment by ensuring that the Garden is accessible to everyone. Attendance for the following classes is limited, and registration is REQUIRED by the Monday prior.

Free for members; included with admission for nonmembers Taylor Visitor Center Check-in Garden Docent or Staff

American Sign Language Interpreted Walking Tour

Explore the Missouri Botanical Garden history, plants, and culture with a Garden Docent-led tour with American Sign Language Interpretation. These tours are for individuals who are D/deaf or hard of hearing and their family and friends.

Saturday, April 20 or Saturday, July 20; 11 a.m.-noon

Audio Description Walking Tour

Explore the Missouri Botanical Garden history, plants, and culture with a Garden Docent-led tour with audio description. These tours are for individuals who are blind or have low vision and their family and friends.

Saturday, May 4 or Saturday, August 10; 11 a.m.-1 p.m.

Take a Walk Down Memory Lane at the Garden

Enjoy a guided tour of the historic Missouri Botanical Garden created especially for people with memory loss and their family and friends. We will be taking a short walk highlighting the history and beauty of the Garden. These tours are for individuals with memory loss and their family/friends/ support person.

Saturday, March 30 or Saturday, June 15; 11 a.m.–1 p.m.

Rare Access:

Herbarium Tour (MBG) NEW

The Missouri Botanical Garden's Herbarium is one of the largest in the world, containing over 7 million specimens of dried and preserved plants. This tour will take visitors behind the scenes of the Herbarium, and give an introduction to how plants are collected, preserved, databased, stored, and used in science and conservation to support the Garden's mission.

Saturday, March 16; 10-11:30 a.m. Bayer Center: 4500 Shaw Blvd. Dr. Jordan Teicher

Historic Trees of the Garden (MBG)

Look beyond the leaves and acorns to appreciate the long history of trees growing at the Missouri Botanical Garden. From sweet gum seeds that went to space to dawn redwood started by Dr. Raven to trees planted during Henry Shaw's time, Dave Gunn will show you historic trees on the Garden grounds through this informative walking tour filled with amazing stories. Come prepared for a 2-mile walk.

Tuesday, March 19; 5–7 p.m. or Tuesday, June 18; 6–8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center Check-in Dave Gunn

Hike Among the Daffodils (SNR)

Hike 3 miles on rolling hills to enjoy the sights of the sunny yellow daffodils which are a treat after the gray of winter. Historically, thousands of daffodils were planted throughout the Nature Reserve and this hike will take you past almost every spot.

Thursday, April 4; 10 a.m.-noon \$10 members; \$12 nonmembers Bascom House Parking Lot Rachel Weller

Tropicurious (BH)

Dig into the world of tropical plants on a guided tour of our Tropical Conservatory! Discover the role our plant collection plays in creating a lush paradise for both butterflies and human visitors, and glean a few insider tips from our experts on how to invite the tropics into your own home.

Sunday, April 7; 9–10 a.m. \$10 members; \$12 nonmembers Butterfly House Butterfly House Staff

Easy Tree ID (Offsite)

Do you ever wonder about the trees in your neighborhood? Can you tell the difference between a native tree and an invasive? Take a beginner's tree ID class! Learn about the trees that make up your world. Join certified arborist Mark Grueber as he eases students into this multi-day learning experience through a presentation and lots of time discovering the Powder Valley Nature Center. Come prepared for a 1-mile walk.

3 Tuesdays: April 9, 16, 23; 5–7 p.m. \$84 members; \$101 nonmembers Powder Valley Nature Center 11715 Cragwold Rd., Kirkwood, MO 63122 Mark Grueber

Advanced Tree ID (Offsite)

If you have a basic knowledge of tree identification, you will be ready to focus on Missouri native species, where these species can be found in the natural landscape, and why. We will also cover basic forest ecology and forest management concepts. Come prepared for a 1-mile walk at Powder Valley Nature Center.

3 Tuesdays: May 7, 14, 21; 5–7 p.m. \$84 members; \$101 nonmembers Powder Valley Nature Center 11715 Cragwold Rd., Kirkwood, MO 63122 Mark Grueber

Bluebells Abound! (SNR)

In the Nature Reserve's Meramec River bottomland, a sea of Virginia bluebells blooms each spring. They are off the beaten path, but we will get you as close as possible. Hike will be 2 miles on rocky terrain with an uphill walk back but the sight is worth the hike.

Thursday, April 11; 1-3 p.m. \$10 members; \$12 nonmembers Trail House Rachel Weller

Technology of Single Stream Recycling (Offsite)

Have you ever wondered how your recycling is separated or how a recycling center operates? Take this tour of the Republic recycling center in Hazelwood and see just how amazing the process can be! The tour will include a full tutorial by Republic staff on how the machines operate, an up-close look at the process, and an overview of proper recycling practices to help you learn the dos and don'ts of recycling in our region.

Thursday, April 11 or Thursday, July 11; 5:30–7 p.m. \$10 members; \$12 nonmembers Republic Services 6025 Byassee Dr, Hazelwood MO Republic Services Staff

Spring Ephemerals Hike (SNR)

Come hike 2 miles of our rocky and hilly river trails to see ephemerals, which are short-lived flowers. These delicate plants include spring beauty, Dutchman's breeches, rue anemone, and more. Learn how to tell these similar-looking plants apart and enjoy the view of them carpeting the forest floor.

Sunday, April 14; 1–3 p.m. \$10 members; \$12 nonmembers Trail House Darla Preiss and Besa Schweitzer

GUIDED WALKS and TOURS continued...

Tour of the Japanese Garden (MBG)

Experience this popular after-hours walking tour in the Japanese Garden with former senior horticulturist Greg Cadice and gain a new appreciation for *Seiwa-en*, the "garden of pure, clear harmony and peace." Greg highlights features including scenic vistas, Teahouse Island, and how the horticulture staff and volunteers create an overall feeling of serenity in this special place. Come prepared for a 1-mile walk.

Tuesday, April 16; 6–8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center Check-in Greg Cadice

Afternoon River Trail Hike (SNR)

Take a hike along the Rus Goddard River Trail where you'll view scenic Ozark woodlands, dolomite glades, and views of the distant tall hills. Several spring wildflowers will be along the trail and wildlife such as birds, frogs, and more can potentially be seen. Walk is 2 miles over rocky terrain.

Wednesday, April 17; 1-3 p.m. \$10 members; \$12 nonmembers Trail House Loretta Romanic



Spring Bulb Walk (MBG)

Join us for an evening stroll and talk through the bulb garden. Explore the beauty and diversity of spring flowering bulbs in this informative talk highlighting the best of the season and tips of upcoming summer.

Wednesday, April 17; 5:30-7 p.m. \$21 members; \$25 nonmembers Taylor Visitor Center Check-in Claire Krofft



Welcome Walk (SNR)

Get to know the Nature Reserve on this 1.5-to 2-mile hike on Brush Creek Trail, which traverses through the Whitmire Wildflower Garden, over Brush Creek, and concludes in the prairie where the changing seasons will bring an abundance of flowers and grasses. We will stop to view wildlife and identify plants along the trail. Great for first time visitors! We will walk the same trail each time so you get familiar with it. Sign up for one or multiple.

Thursday, April 18 or Thursday, May 9; 10 a.m.–noon \$10 members; \$12 nonmembers Bascom House Parking Lot Rachel Weller

Landfill Field Trip (Offsite)

Take a trip to see where your trash actually ends up when you throw it "away." We will tour a local landfill and learn how landfills are designed to reduce their impact on the environment. Learn about the engineering, regulations and monitoring, and the daily routine of modern landfills. We will discuss the impacts of waste and the future outlook for waste disposal in the St. Louis area. Park in our Commerce Bank Center for Science Education parking lot and ride together on a bus. This program is supported by funding from the St. Louis-Jefferson Solid Waste Management District.

Wednesday, May 8; 9–11 a.m. \$35 members; \$42 nonmembers Meet at Commerce Bank Center for Science Education to board bus Waste Connections Staff

Litzsinger Road Ecology Center Tour (Offsite)

Join James Faupel, Supervisor of Ecological Restoration, for a rare opportunity to tour the Litzsinger Road Ecology Center, a 39-acre study center managed by the Missouri Botanical Garden but not open to the public. See their restored prairie and bottomland woodland in the heart of a residential area during this outdoor walking tour. Learn about how they use their site to teach ecology and conduct research in this hidden gem.

Wednesday, June 5; 10–11:30 a.m. \$21 members; \$25 nonmembers Meet at the Litzsinger Road Ecology Center 9711 Litzsinger Rd., St. Louis, MO 63124 James Faupel

Ethnobotany Collection Tour (MBG) NEW

Enjoy a unique opportunity to explore the William L Brown Center's Biocultural Collection. Carolina Romero, botanist and collection manager, will introduce you to our collection and showcase objects that focus on the relationships between humans, plants, and their environment, while also highlighting how this type of collection helps the preservation of traditional knowledge and to the documentation of livelihoods.

Saturday, June 8; 10–11 a.m. \$14 members; \$17 nonmembers Bayer Center Lobby: 4500 Shaw Blvd. Carolina Romero

Sacred Seeds Medicinal Walking Tour (MBG)

Take a tour through the Sacred Seeds
Sanctuary, a garden showcasing Native
American medicinal plants in their natural
habitat. Your guide Dr. Wendy Applequist, a
curator of ethnobotany, will explain the rich
cultural history of Native Americans in the
Missouri region, their traditions of medicinal
plant use, and the legacy that these cultures
have left on medicine today. Come prepared for
a short walk.

Saturday, June 8; 10–11:30 a.m. \$21 members; \$25 nonmembers Taylor Visitor Center Check-in Wendy Applequist

Prehistoric Plants in the Present: Jurassic Plants of the Climatron (MBG) NEW

The Climatron houses more than 2,800 plants inside the geodesic dome, including 1,400 different tropical species. You can receive a tour of this one-of-a-kind space led by Garden horticulturist Benjamin Deloso. Benjamin is especially passionate about ancient plants like cycads, which have been growing since prehistoric times. Come learn about these and other fascinating ancient plants while surrounded by the breathtaking biodiversity of the Climatron.

Thursday, June 13; 5:30–7:30 p.m. \$28 members; \$34 nonmembers PlantLab Beniamin Deloso

Morning Waterlily Walk (SNR)

Join us for a 1-mile walk on mostly flat ground to enjoy the view of the waterlilies in our wetland. We'll walk the Wetland Trail which takes you through this 32-acre area and includes a 300-foot boardwalk which is a perfect spot to stop and see the waterlilies close up. Bald cypress, spiderwort, coneflowers, phlox, cricket frogs, red-eared sliders, and redwinged blackbirds are a few of the plants and animals we might see.

Wednesday, June 19; 9:30–11:30 a.m. \$10 members; \$12 nonmembers Wetland Rachel Weller

The Illustrated Garden in the Library (MBG) NEW

Take a behind-the-scenes tour of the Peter H. Raven Library Rare Book Room and conservation lab. Learn about the history of botany and botanical illustration while viewing some of the most beautiful natural history books ever printed. You will see examples of wood cuts, etchings, engravings, lithographs, and nature prints in books ranging in date from the 16th to the 20th centuries. You will learn something of how these images were made and then visit the book conservation lab to learn how these invaluable books are preserved for future generations.

Saturday, June 22; 9:30 a.m.–noon \$35 members; \$42 nonmembers Bayer Center Library: 4500 Shaw Blvd. Doug Holland and Susie Cobbledick



Go Behind the Scenes at the Butterfly House

Butterfly House Insider Experience
Spend two unforgettable hours with
Butterfly House professionals as you
get an insider's look at what it takes to
maintain one of the largest butterfly
conservatories in the nation. Go behind
the scenes and get your hands just a
little bit dirty with our Horticulture and
Entomology teams as you assist with the
care of butterflies, beetles, botanicals, and
more. Comfortable clothing and closedtoe shoes a must.

\$75 members; \$95 nonmembers

Private Butterfly House Tour

Enjoy exclusive access to butterflies, bugs, and botanicals! Your guide will lead your party on a thematic journey to explore all the Butterfly House has to offer. See fabulous invertebrates up-close, learn about plants that sustain our colorful flyers, and release a butterfly on its first flight in our Tropical Conservatory. Each tour can accommodate up to 10 guests. \$140 members; \$180 nonmembers

Call (314) 577-0888 ext. 2 for availability.

Orchid Greenhouse (MBG)

Don't miss this opportunity to view the orchids the way few have seen. Brandon Ketcherside, Orchid Horticulturist, 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 he grows and cares for the Garden's outstanding orchid collection. Sign up early! Space is very limited. Thursday, June 27; 6:30–8:30 p.m. \$28 members; \$34 nonmembers
Taylor Visitor Center Check-in Brandon Ketcherside

Oertli Family Hardy Plant Nursery Tour (Offsite)

Where did the Garden start all of the plants for our new Jack C. Taylor Visitor Center? Our new Oertli Family Hardy Plant Nursery produces hardy herbaceous perennials and woody plants that you see in our new gardens around the Taylor Visitor Center while also supporting the Garden's living collection. Explore the new 6-acre nursery and onsite greenhouses with Senior Nursery Manager, Derek Lyle. Thursday, August 8; 5:30–7 p.m. \$28 members; \$34 nonmembers Oertli Family Hardy Plant Nursery 3437 Bent Ave., St. Louis, MO 63116 Derek Lyle

Kemper Center for Home Gardening Tour (MBG)

Take an in-depth tour of the Kemper Center for Home Gardening, one of the largest home gardening information hubs in the world! We'll stroll through some of our 23 unique demonstration gardens, which include a fruit and vegetable garden, annual and perennial trials, experimental garden, and our Prairie Garden. You'll also learn how to utilize our free gardening help resources, such as the Plant Doctor, Horticulture Answer Service, and the Plant Finder database for all your gardening needs. Come prepared for a 2-hour walk. Tuesday, August 6; 6-8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center Check-in **Daria McKelvey**

INSIDE LOOK at SHAW NATURE RESERVE

History of the Daffodils

Come for a 1-mile walk on rolling terrain to view thousands of daffodils blooming at Shaw Nature Reserve in late March and early April each year. Hear the history of how the plants came to be here, learn about our different varieties, how to grow them, and view the spectacular display. There will be time to take pictures as well.

Thursday, April 4; 1–3 p.m.

\$10 members; \$12 nonmembers
Visitor Center
Shaw Nature Reserve Staff and Volunteers

Historic Blooms Wagon Ride NEW

Travel the 3-mile loop road aboard our Shaw Explorer wagon to hear the stories of how the plants we pass came to be here. There are groves of trees along the road such as hemlock and beech that come from the time when Shaw Nature Reserve was The Arboretum. The prairie will be in full bloom with yellow, purple, and pink. Hear how we planted the prairie and the species present. Learn all about the amazing work that is ongoing at Shaw Nature Reserve and its benfit to wildlife and the landscape. Thursday, July 25; 10 a.m.-noon \$12 members; \$14 nonmembers Glassberg Family Pavilions Shaw Nature Reserve Staff and Volunteers

NATURE STUDY

PROJECT POLLINATOR

Project Pollinator (BH)

Project Pollinator, a Butterfly House initiative, promotes appreciation of all pollinators through educational programming and creation of pollinator-friendly gardens. The programs in this series are designed to provide seasonally relevant information, as well as conservation actions anyone can take, for those who want to join in our mission to protect these essential workers.

2:30-3:30 p.m.

\$18 in-person and \$5 online members; \$21 in-person and \$8 online nonmembers Butterfly House Butterfly House Staff

Backyard Scientist NEW

Using everyday observations to make a difference.

Saturday, March 23 in-person or Saturday, March 30 online

Right Plant, Right Place

Pollinator gardening in tricky spots.

Saturday, April 13 in-person
or Saturday, April 27 online

Monarchs and Friends

Providing habitat for butterflies of all stripes and spots.

Sunday, May 19 in-person or Saturday, May 25 online

Meet the Pollinators

How to recognize and attract Missouri's diverse cast of pollinators.

Saturday, June 15 in-person or Saturday, June 22 online

Beneficial Bugs

Attracting Mother Nature's pest control.

Sunday, July 21 in-person
or Saturday, July 27 online

Bee Friendly

Making your open spaces hospitable to native bees.

Sunday, August 11 in-person or Saturday, August 17 online

THE WRITTEN WORD

Book Club (MBG)

Explore literature related to the connection between humans and the natural world, under the guidance of the Therapeutic Horticulture staff. The selections each provide insight, wisdom, and perspective on the progression of the seasons and how the patterns of nature are woven into our life stories. Book club meetings will take place on Garden grounds, with a separate meeting for each book.

5–6 p.m. \$14 members; \$17 nonmembers Blanke Boxwood Garden Gazebo Therapeutic Horticulture Staff

Soil by Camille T. Dungy Tuesday, April 25

The Seed Keeper by Diane Wilson Tuesday, May 23

The Botanist's Daughter by Kayte Nunn Tuesday, June 27

Writing Workshops in the Garden (MBG)

Let the Garden be an inspiration to your writing. During these workshops, participants will be guided through a series of exercises meant to give voice to your inner writer. The Garden will serve as a backdrop for reflective or creative writing, storytelling, and/or poetry. Participants will have an opportunity to share with other writers, provide/receive feedback, and enhance their skills. A variety of locations throughout the Garden will serve as inspiration. No previous experience is required, and all writers are welcome. Writing materials are included, yet you are free to provide your own journal/writing utensils. Take one or take them all.

Saturday, March 23 or Saturday, April 27 or Saturday, May 11; 1–3 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center West Meeting Room Sean Doherty

Nature Journaling in the Less Traveled Corners of the Garden (MBG)

Preserve your precious moments in nature with journaling techniques designed to spark your imagination. Be inspired to sketch and write about your exploration of areas of the Garden that are off path and often overlooked.

Thursday, June 20 or Wednesday, August 21; 5–7 p.m. \$28 members; \$25 nonmembers Taylor Visitor Center Check-in Eileen Graessle



The Whole World in a Single Flower (MBG)

Take a deep dive into the beauty and history of a beloved seasonal flower. We will explore the connections between humans and a plant, both in a broader ethnobotanical sense, and in the plant's specific relationship to the Garden. Lean in for an up-close look at the flower to build your own relationship with it, and then pull back to see how our relationships with plants inform our interactions with the world at large. \$21 members; \$25 nonmembers

Taylor Visitor Center Check-in

Therapeutic Horticulture Staff

Magical Mayapple Tuesday, April 16; 4–5:30 p.m.

Generous Coneflower Tuesday, August 6; 6-7:30 p.m.

Morning Bird Walk (SNR)

This early morning walk during the height of spring migration is designed to help you see many bird species at Shaw Nature Reserve. This walk is for those who have a basic knowledge of local birds and are comfortable using their own binoculars. Bring binoculars, be prepared to hike a few miles over uneven ground, and dress for the weather. Come to one or all of the walks; each will be different. Price per walk.

Wednesday, April 10 or Wednesday, April 21 or Saturday, April 24; 8:30-11 a.m. \$10 members; \$12 nonmembers Shaw Nature Reserve Visitor Center Check-in Don Hays

Owls of Missouri (MBG)

Join us as we learn about the characteristics, relationships, adaptations, and the habitat of the nocturnal, crepuscular, and diurnal owl species of the Show-Me State. We will focus on the four native owl species that live in Missouri and learn of four others who frequent our state during migration and on other occasions. Then Brenda will take you on a hike to listen and look for any owls living in the Garden.

Wednesday, April 10 or Wednesday, April 17; 6-8 p.m. \$28 members; \$34 nonmembers **Taylor Visitor Center East and West Meeting Rooms Brenda Hente**

The Neighbors Are Doing What? (SNR)

You won't believe what is going on in your own backyard and local parks! Most of us are not even aware of the animal stories that are constantly "being told" around us. Gain new and fun skills with us as we explore what to look and listen for, which will help you tap into these rich stories that are continually unfolding. Be prepared for your connection and appreciation of nature to be taken to a whole new level!

Thursday, April 11; 10 a.m.-noon \$18 members; \$22 nonmembers **Carriage House**

Angie Jungbluth

Spring Wildflower Walks (SNR)

Join Dr. James Trager for 1-mile walks to learn identification, relationships, and habitats of wildflowers and native grasses of the spring and summer seasons. The Nature Reserve's excellent trail system, winding through prairie, wetland, glade, upland and bottomland forest, is an ideal place to enjoy spring and summer wildflowers and other natural wonders.

Thursday, April 11 or Thursday, April 25 or Thursday, May 16 or Thursday, May 30; 9:30 a.m.-noon \$18 members; \$22 nonmembers Location will be emailed the Monday before Dr. James Trager

Spring Blooms on the River Trail Hike (SNR) NEW

In spring, the River Trail at the Nature Reserve is the best spot to view spring ephemerals such as bloodroot, spring beauty, false rue anemone, Virginia bluebells, celandine poppy, and more. Join Calvin Maginel to explore this area, identify plants along the trail, and learn about the ecology of the river bottomland.

Thursday, April 25; 10 a.m.-noon \$15 members; \$18 nonmembers Trail House Calvin Maginel

Calling All Beginner Birders: Come Explore the World of Warblers! (SNR)

Come explore the beauty of warblers and the magic of their migration with us this spring! Where to look and how to identify them will be investigated through a highly interactive, hands-on, (and fun!) program. Exploration of birding resources and conservation practices to help warblers will be covered as well. After learning some basic skills, we will take a walk to see which warblers have arrived. Note: Concepts covered in this program can be applied to learning any species of bird.

Thursday, April 25; 10 a.m.-noon \$18 members; \$22 nonmembers **Trail House**

Angie Jungbluth

Wetland Mitigation Bank Tour (SNR)

Follow in your vehicle over to this remote area of Shaw Nature Reserve, not normally open to the public, across the Meramec River. Dr. James Trager will take you on a 2-hour tour, on foot, with moderate hiking on even ground. We'll view birds and potentially other wildlife, wetland plants, and learn about our wetland mitigation bank.

Thursday, May 2; 9:30 a.m.-12:30 p.m. \$18 members; \$22 nonmembers Shaw Nature Reserve Visitor Center Check-in Calvin Maginel and Dr. James Trager

Wildflowers of the Glade Walk (SNR)

Hike with Calvin Maginel in a rare opportunity to marvel at the early summer palette of glade wildflowers both on and off-trail. This hike will identify many common glade species and discuss how we take care of this area so it continually has the unique plants and animals that call it home.

Thursday, May 23; 10 a.m.-noon \$15 members; \$18 nonmembers Trail House Calvin Maginel

Morning Prairie Hike (SNR) NEW

Join us for a 2-mile hike to see our prairie ablaze with flowers. Our focus will be on prairie ecology as we hike the hilly Prairie Trail loop and enjoy panoramic views of the Nature Reserve's 200-acre central prairie corridor. View the sea of flowers such as compass plant, Maximillian sunflower, prairie dock, and more. Thursday, June 6; 9:30–11:30 a.m. \$15 members; \$18 nonmembers Trail House Calvin Maginel

Exploring Missouri Sunset Hike (SNR)

Join us as the sun sets for an easy 2-mile hike that will take you on trails through our wetland, woodland, and prairie. Most of Missouri's unique ecosystems can be found here, and this hike will explore three of the rich natural habitats that make up Shaw Nature Reserve! We'll practice observation skills, discuss interactions within each ecosystem, and learn how the plants and animals living in each ecosystem have adapted to survive!

Friday, June 7; 6:30–8:30 p.m.

\$10 members; \$12 nonmembers

Dana Brown Overnight Center

Michelle Bonebrake

30

Summer Butterflies of Shaw Nature Reserve Walk (SNR)

Stroll 1 mile along the Wetland Trail and connecting trails to view the butterflies that call Shaw Nature Reserve home. View puddling behaviors where several butterflies flock to a puddle to drink. Zebra swallowtails, monarchs, common sulphur, eastern tailed blue, giant swallowtails, and more can be seen.

Thursday, June 13; 10 a.m.-noon \$10 members; \$12 nonmembers Wetland

Loretta Romanic

Summer Wildflower Walks (SNR)

Join Dr. James Trager for 1-mile walks to learn identification, relationships, and habitats of wildflowers and native grasses of the spring and summer seasons. The Nature Reserve's excellent trail system, winding through prairie, wetland, glade, upland and bottomland forest, is an ideal place to enjoy spring and summer wildflowers and other natural wonders.

Thursday, June 13 or Thursday, June 27 or Thursday, July 11 or Thursday, August 8 or Thursday, August 22; 8:30–11 a.m. \$18 members; \$22 nonmembers Location will be emailed the Monday before Dr. James Trager

Urban Foraging (MBG) NEW

Join Angela to learn about the wild foods of fall found in your neighborhood, local parks, or even your own backyard. In this class, she'll discuss some of the most common wild edible plants, nuts, and fruits found in St. Louis urban landscapes.

Thursday, June 20; 6–7:30 p.m. \$21 members; \$25 nonmembers Taylor Visitor Center East and West Meeting Rooms Angela Wildermuth

PHOTOGRAPHY

BUTTERFLY HOUSE

Butterflies and Blooms

All levels. Get a jump on spring photography! No matter the local weather, our Tropical Conservatory provides a great opportunity to wipe the dust off your camera and get ready for a season of capturing nature on film. With the help of a professional photographer, learn how to get the most out of your equipment, and learn how to get the best shots of some of Mother Nature's most colorful subjects.

Monday, March 18; 9:30 a.m.–noon \$45 members; \$54 nonmembers Butterfly House Butterfly House Staff

Shutterbug Saturday

Join fellow shutterbugs for early access to our Tropical Conservatory before the Butterfly House opens to the public. Enjoy self-guided time photographing tropical butterflies and plants with a small group. Tripods are welcome and encouraged.

Saturday, April 6; 9–10 a.m. or Saturday, June 8; 8–9 a.m. \$8 members; \$10 nonmembers Butterfly House Butterfly House Staff

Here Be Dragons

Embark on a quest to capture a dragon...fly! Explore our outdoor Native Butterfly Garden with a professional photographer and learn how to catch these magnificent insects on film. Subjects abound in this natural setting, offering additional shots of native flowers, local butterflies, and other wildlife. Knights of the Round Lens should come armed with a basic understanding of their camera's features.

Thursday, July 25; 5:30–8 p.m. \$45 members; \$54 nonmembers Butterfly House Butterfly House Staff

SHAW NATURE RESERVE

Photographing Virginia Bluebells

All levels. Join us to photograph the sea of Virginia bluebells that blooms each spring in the Meramec River bottomlands. The hike will be 2 miles on rocky terrain with rolling hills. This is not a formal class. However, photographer Jeff Hirsch will be on hand to offer techniques and suggestions. There is potential for every lens. Capture a field of bluebells with a wide-angle lens or hone in on its delicate bloom with a macro lens, and everything in between.

Saturday, April 13; 9 a.m.-noon \$30 members; \$36 nonmembers Trail House Jeff Hirsch



Photographing May Wildflowers

All levels. May brings a vast selection of subjects to Shaw Nature Reserve. We will find the areas of wildflowers that have the strongest potential in the glades, woodlands, and Whitmire Wildflower Garden. As a small group, we will spend time in the field working on our photography and our vision, discussing subject choice, light, aperture, composition, and the importance of backgrounds. There are opportunities for every lens. Scott will provide one-on-one assistance in the field. On-time arrival is critical.

Saturday, May 18; 7–11 a.m. \$55 members; \$66 nonmembers Carriage House Scott Avetta

Nature Photography As Art

Intermediate. Through a macro lens, the veins of leaves become a mosaic pattern, textures of tree bark become a mountain range, and shallow depth of field simulates a watercolor background. A long lens can also produce compelling close-ups while shooting further from the subject. Join Dan Dreyfus for this workshop which will include a presentation, basic equipment considerations (macro and long lens), and shooting assignments in the field. There will also be a visual scavenger hunt for a fun challenge.

Saturday, May 25; 8:30 a.m.–3:30 p.m. \$110 members; \$132 nonmembers Carriage House Dan Dreyfus

Intermediate. Participants are expected to know

Milky Way Photography

their camera's menus to make adjustments in dark locations and basic photo editing skills. Learn to capture the night sky featuring the Milky Way in a beautiful Shaw Nature Reserve setting. The class covers how to plan, shoot, and process nightscape photos using Adobe Lightroom Classic CC. Weather permitting, participants will shoot Saturday night. Friday, June 7; 7 p.m.-12 a.m. (cloudy backup 6/8) or Friday, July 26; 7 p.m.-12 a.m. (cloudy backup 6/27) or Friday, August 2; 6-11 p.m. (cloudy backup 8/3) \$80 members; \$96 nonmembers **Carriage House Lonnie Gatlin**

Photographic Conversations With Nature

All levels. Do you love photographing nature? Find a way to experience it in an even deeper and more meaningful way. This outdoorbased class will focus on a more thoughtful composition. Recording a scene versus taking a picture, be engaged with nature and discover its wonder.

Saturday, June 8; 7:30–11:30 a.m. \$55 members; \$66 nonmembers Carriage House Scott Avetta

Mastering Smartphone Photography Shooting and Sharing

All levels. The most popular camera on the planet isn't really a camera, it's a cellphone. The explosive growth of smartphone photography means that almost all of us now have a convenient and easy-to-use camera in our pockets at all times. Smartphone photography has rapidly become a fixture in our daily lives as more and more images are being taken and shared using mobile technology. Add to that the plethora of photo enhancement and photo sharing apps available for the iPhone and Android platforms, and the options for on-the-go photo creativity are almost unlimited. Join local photographer Jeff Hirsch for a 1-day workshop designed to get the best-looking images out of your phone's built-in camera and discover some of the amazing things you can do with your cellphone photos.

Saturday, August 10; 9 a.m.-4 p.m. \$67 members; \$80 nonmembers Carriage House Jeff Hirsch

MISSOURI BOTANICAL GARDEN

Photography Boot Camp I

All levels. Tired of going through confusing manuals and not understanding where to start? In this multi-session, hands-on course 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. We will also discuss camera settings, ISO settings, white balance, and a few other critical features. You should bring a camera and manual to the classes as you will have some class time to practice what you have learned.

3 Wednesdays: March 20, 27, April 3;

\$126 members; \$151 nonmembers
Taylor Visitor Center East and West
Meeting Rooms
Scott Avetta

Photography Boot Camp II

All levels. In this multi-session class, learn how composition, light, and lens choice all work together and how to apply them in the field. Scott Avetta will focus on lenses that most photographers already have. He will emphasize making the most of the outside photo shoots and increase your understanding of what lens to use based on the light and conditions. Space is limited so Scott can spend individual time with each photographer during photo shoots.

3 Wednesdays: April 17, 24, May 1; 9:30 a.m.–12:30 p.m. \$126 members; \$151 nonmembers Taylor Visitor Center East and West Meeting Rooms Scott Avetta

Photographing Garden Architecture

All levels. Let's concentrate on the amazing and historic structures at the Garden. The after-hours class will be extremely helpful in minimizing the impact of people within the composition. Explore the opportunities of photographing the entire structure, architectural details, and the plants around the architecture. Scott Avetta will give you some basic tips at each location to improve your design.

Monday, April 8; 4:30–7:30 p.m. \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta

Teahouse Island Photography

All levels. Get rare access to this special 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!

Tuesday, April 9 or Thursday, April 18; 9 a.m.–noon \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta

Photographing Trees

All levels. During this class we will concentrate on some of the Garden's many unique trees. At each tree, Scott will provide you with tips on the best ways to select and photograph the subject, be it the tree, leaves, branches, bark, or roots. He will discuss how to use the light, aperture, backgrounds, and your lens for a stronger image. Dress for the weather to be photographing outside.

Friday, April 26; 9 a.m.–noon \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta



Photographing Spring Blooms: Iris NEW

All levels. Take advantage of evening light to photograph the iris in May bloom. We will discuss how to get better botanical images using wide angle to close-ups. You will learn tips on field photographing, subject selection, and how light plays a significant role in your photograph. Rain or shine.

Wednesday, May 8; 5–8 p.m. \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta

Photographing Summer Blooms: Daylilies NEW

All levels. During this hands-on field class, Scott will concentrate on the daylilies in peak bloom in the amazing Daylily Garden. He will increase your understanding of light, composition, and subject selection during this photo shoot. Be prepared to walk around the Garden and bring your camera and extra batteries.

Monday, June 17; 5–8 p.m. \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta



Photographing Inside the Climatron

All levels. Join Scott Avetta for a unique opportunity to photograph the vast subjects inside the Climatron. From a wide angle of the geodesic dome to close-ups of the 2,800 plants of a tropical rainforest, he will discuss some of the photographic opportunities, light, and creative compositional tips. Enjoy photographing the many subjects with professional assistance to improve your images. Tripods and flash allowed.

Tuesday, June 11 or Thursday, June 20; 5:30–8:30 p.m. \$42 members; \$51 nonmembers Taylor Visitor Center Check-in Scott Avetta

Close-Up Photography

Intermediate. Learn some of the difficulties and joys of close-up photography. We will focus on sharpness, lighting, working the subject, and composition to improve them for stronger images. Small changes make a huge difference. We will discuss subject selection, equipment, and how critical depth of field selection becomes. Participants should have a basic understanding of the camera and its key features. A tripod and cable release/remote are recommended. A macro lens is not required.

2 Thursdays: July 11, 18; 5–8 p.m. \$84 members; \$101 nonmembers PlantLab Scott Avetta

Photographing Inside the Arid House NEW

All levels. Join Scott Avetta for a unique opportunity to photograph the vast subjects inside the Garden's renovated Shoenberg Arid House. From wide angle to close-ups of the plants from desert regions across the world, he will discuss some of the photographic opportunities, light, and composition tips. Enjoy photographing the many subjects in this small class. Tripods and flash allowed.

Monday, July 15; 5:30–8:30 p.m.

\$42 members; \$51 nonmembers
Taylor Visitor Center Check-in
Scott Avetta

iPhone Photography NEW

Join Rebecca Clark to explore all the features and functions your iPhone camera has to offer. You will learn the basics and work your way up to more advanced functions. By the end of the workshop, you'll have the knowledge and confidence you need to take your iPhone photography skills to new heights!

Wednesday, May 22; 6–8 p.m. \$28 members; \$34 nonmembers Taylor Visitor Center East and West Meeting Rooms Rebecca Clark

Self-Guided Spring Photography Night (MBG)

NEW Opportunity

All levels. Join us for a self-guided photographers-only night at the Garden. Grab your gear and capture the Garden in different lighting throughout the night. With minimal visitors, capture amazing spring photographs with little to no people in your shots. This opportunity will allow you to photograph the Garden during the "Golden Hour".

Thursday, May 30; 6:30–9:30 p.m. \$15 members; \$20 nonmembers Taylor Visitor Center Check-in

Well-being: MIND and BODY CONNECTIONS

Morning Stroll (SNR)

Hike 2 to $2\frac{1}{2}$ miles on dirt, gravel, and grass trails through woodland, prairie, wetland, and river bottom trails. We will pause along the hike to identify a few blooms along the trail and wildlife that we see. With 17-miles of trails, there will be a lot to see as we hike. Price per person, per 6-session class.

6 Wednesdays: March 6; April 3, 17; May 1, 15, 29; 10–11:30 a.m. \$36 members; \$43 nonmembers Follow the signs from the entrance Rachel Weller



Morning of Hiking (SNR)

Hike quickly 2 to 3 miles on dirt, gravel, and grass trails through woodland, prairie, wetland, and river bottom trails. We will identify what's in bloom and wildlife we see before or after the hike to keep a continual hike with limited stops. With 17 miles of trails there will be a lot to see as we hike. Price per person, per 6-session class. 6 Wednesdays: March 13, 27; April 10, 24; May 8, 22; 10–11:30 a.m. \$36 members; \$43 nonmembers Follow the signs from the entrance Rachel Weller

Forest Bathing (SNR)

Slow down and open your senses through a guided forest bathing session in nature. Forest bathing, adapted from the Japanese practice of Shinrin-yoku, is a practice of using all of your senses to connect with nature in a mindful way. Many studies have found it to be helpful in decreasing stress, increasing immune system functioning, and developing a deeper relationship to nature. In a slow-paced 21/2-hour session, our certified forest bathing guide, Jo Pang, will offer a sequence of meditations and activities intended to help participants connect with themselves, each other, and nature. These sessions will cover less than a 1/2-mile of walking and include both solo activities and opportunities to engage with others in the group. Come discover what wisdom awaits you in nature!

Friday, March 29 or Friday, April 26 or Friday, May 31 or Friday, June 28 or Friday, July 12; 5–7:30 p.m. \$28 members; \$34 nonmembers Adlyne Freund Center Jo Pang

Chakra Yoga Series (SNR) NEW

Explore the seven chakras in this series of classes. With meditation, mantras, and a yoga sequence, we will open and clear the energy each week, concentrating on one chakra a night. Barbie Benetin, a certified yoga and Reiki instructor, will guide you through each chakra. Classes will be held indoors or outdoors, weather permitting.

7 Mondays: April 8, 15, 22, 29, May 6, 13, 20; 5–6 p.m. \$70 members; \$84 nonmembers

\$70 members; \$84 nonmembers Bascom House Front Lawn Barbie Benetin

Garden Yoga (MBG)

Make the Garden your sanctuary with a Sunday morning yoga session among the flowers and trees. Enjoy an hour-long, all-levels yoga class. Beginners are encouraged to join.

Wednesday, April 17 or Sunday, April 21 or Sunday, April 28 or Sunday, May 5; 9:30–10:30 a.m. \$14 members; \$17 nonmembers Cohen Amphitheater Katy Mike Smaistrla

Mindfulness in the Garden (MBG)

All levels. Explore the Garden using mindfulness practices to enrich your experience. Learn secrets for dealing with distractions, both inner and outer. Each week we'll focus on a single sense, with solo time to discover the Garden's magic, allowing you to see, touch, smell and hear the world as if for the first time. Enrich your appreciation through guided relaxation, deep listening, and mindful walking. Quiet your mind, restore emotional balance and revitalize your body by deepening your connection to nature. Dress for the weather and come prepared for a leisurely stroll.

4 Thursdays: April 25, May 2, 9, 16; 9:30–11 a.m. \$75 members; \$90 nonmembers Blanke Boxwood Garden Gazebo Rhonda Leifheit

Journey to Well-being (MBG)

Experience the calm and restorative powers of time in nature, through an intentional walking program. Includes an initial meeting and tour of the Japanese Garden, with instruction to assist



you in maximizing the use of the guidebook. The guidebook provides suggested pauses for each of the seven walks, which take place on your own schedule and pace. Guidebook and admission to Garden for seven visits included.

Tuesday, May 21; 5 -7 p.m. \$70 members; \$84 nonmembers Taylor Visitor Center Check-in Jeanne Carbone

Art in Nature (SNR)

This program will provide an opportunity for you to connect with nature and yourself as you work to create a meaningful piece of art using only natural materials. We will visit and observe two ecosystems, learn about the famous land artist Andy Goldsworthy, then work to create an ephemeral piece of art that connects to a personal moment in your life.

Thursday, June 6; 6:30–8:30 p.m. \$10 members; \$12 nonmembers Dana Brown Overnight Center Beth Adams

Full Moon Yoga (SNR)

Stretch, rejuvenate, and build muscle strength during this yoga session that is offered during the new moon. Join Barbie Benetin as she meets you outdoors where you can view the sky and take in the sounds and natural beauty of Shaw Nature Reserve. The moon creates a brightness in the sky and is the end of the next lunar cycle. We will focus on letting go of what does not serve us well and learn how to tap into the energy of the moon phases and the planets' alignment. Become attuned to your vibrational interaction with the universe's energies.

Friday, June 21 or Sunday, July 21; 6:30–7:45 p.m. \$15 members; \$18 nonmembers Bascom House Front Lawn Barbie Benetin

Guided Forest Bathing (MBG) NEW

Immerse yourself in the restorative embrace of the Missouri Botanical Garden during a guided forest bathing and nature journey with Jess Thenhaus, ANFT Certified Forest and Nature Therapy Guide. Disconnect from the digital world and engage with the living tapestry of the gardens. Delve into *Shinrin-Yoku*, the Japanese art of forest bathing, and indulge in a sensory exploration amidst the flora.

Saturday, April 27 or Tuesday, May 14; 10 a.m.–noon \$28 members; \$34 nonmembers Taylor Visitor Center Check-in Jess Thenhaus

OUTDOOR ADVENTURES

FOR ADULTS, YOUTH, AND FAMILY



Canopy Climb

Adults and kids 8 and over. Whether you're an adventurous adult, a family of explorers, or anyone age 8 and over who loves climbing trees, this experience is a must-do. Taught by expert instructors, you'll be introduced to the world of recreational tree climbing and explore different parts of a tree's canopy. Designed for first-time climbers. Groups: receive member rate when registering 10 climbers/session.

\$40 members; \$48 nonmembers Vertical Voyages

at Missouri Botanical Garden Saturday, April 27 or Sunday, April 28 or Saturday, June 15 or Sunday, June 16 12:30–2:30 p.m. or 3–5 p.m.

at Shaw Nature Reserve Saturday, May 18 or Sunday, May 19 12:30–2:30 p.m. or 3–5 p.m. Trail House

Meet at climb location

Spring Peeper Symphony Night Hike for Adults (SNR)

Enjoy the last bit of sunset as we hike the Wetland Trail to see and listen to the thunderous chorus of frogs calling from the ephemeral pools. Staff will point out the different species as we get a closer look. Hike is 2 miles on mostly flat and small pebble terrain. Sunday, March 10; 6:30–8 p.m. \$10 members; \$12 nonmembers

Spring into Nature 5k Trail Run/Walk (SNR)

Shaw Nature Reserve Staff and Volunteers

Celebrate the start of spring with a 5K (3.1 miles) trail run or walk through the prairies and woodlands at the Nature Reserve. All registrants will receive a Spring into Nature fanny pack and a Missouri native plant species ready to plant at home. Course will be on hilly trails with uneven footing.

Saturday, March 23; 9 a.m.-noon \$24 members; \$30 nonmembers; \$18 member children (age 3-12); \$22 nonmember children (age 3-12); free for age 2 and under Shaw Nature Reserve Visitor Center Check-in Katrina Jahn



Hoppy Birthday Parties in the Children's Garden!

With nearly two acres of hands-on activities and outdoor play, the Doris I. Schnuck Children's Garden:
A Missouri Adventure is a wonderful place to have a birthday celebration you will never forget! Your party guests can jump, climb, and slide their way to birthday fun.

Availability:

April through October Saturdays and Sundays 10 a.m.-noon or 1–3 p.m.

Advance reservation is required.

Hop on to mobot.org to plan your birthday party today!

Bats of Shaw Nature Reserve Sunset Hike (SNR)

For ages 6 and up. Enjoy a sunset hike and be part of a bat survey! As the sun begins to set we will hike toward the river where our wildlife biologist guests will have their equipment setup to catch bats. We'll test some of our senses as we hike to see how we compare to bats, see some bats that are carefully caught for this bat survey, and experience Shaw Nature Reserve at night. Hike is approximately 2 miles with a 1-mile uphill on the hike back.

Wednesday, June 12; 8-10 p.m.

Wednesday, June 12; 8–10 p.m. \$10 members; \$12 nonmembers Wetland Shaw Nature Reserve and US Fish and Wildlife Service Staff

Full Moon Sunset Hike for Adults (SNR)

Join us for this 2-hour stroll through early evening and into the early night. The sun will begin to set just after the hike starts, and the moonlight will allow us to enjoy the sights, sounds, and smells of a summer evening at Shaw Nature Reserve. Participants will learn a bit about tallgrass prairies, woodlands, and glades as the hike passes through these ecosystems. All else excluded, a hike to catch the sunset and see the moonlight makes the journey to the Nature Reserve worth the time spent. This hike will cover roughly 2 miles over uneven ground.

Sunday, July 21; 7:30–9:30 p.m. \$10 members; \$12 nonmembers Glassberg Family Pavilions Shaw Nature Reserve Staff and Volunteers

Geocaching and Brews (SNR)

For ages 21 and up. Discover or review how to use GPS units and go over geocaching basics. From here you'll hike 2 miles on mostly flat gravel and grass paths going from cache to cache enjoying a beer-tasting at each one from Point Labadie. We will also have a stop with a display of native hops and how to garden with them. GPS units are provided.

Wednesday, August 7; 5:30–7:30 p.m. \$15 members; \$18 nonmembers Dana Brown Overnight Center Shaw Nature Reserve Staff and Point Labadie Brewery

YOUTH and FAMILY

THE LITTLE YEARS (ages 6 and under)

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 handson activities, songs, stories, snacks, and a short walk. **Price per child. One adult per child please.**

PLEASE NOTE: Little Years classes are specifically designed as an adult/child program. Having additional children present can distract from the one-on-one experience for you and for others. Please no infants or younger siblings.



LITTLE SPROUTS (ages 2-3)

Little Sprouts—Spring (MBG)

For ages 2 to 3. Learn about plants and nature with your toddler during this 6-week series. This spring we will visit a special garden each week, including the Sensory Garden, Kemper Vegetable Garden, and Prairie Garden. One adult per child.

10-11:30 a.m.

\$90 members; \$108 nonmembers Taylor Visitor Center East Meeting Room Kelly Wehrheim

6 Mondays: April 15, 22, 29, May 6, 13, 20 or 6 Tuesdays: April 16, 23, 30; May 7, 14, 21 or 6 Thursdays:

April 18, 25; May 2, 9, 16, 23

Little Sprouts—Summer (MBG)

For ages 2 to 3. Learn about plants and nature with your toddler during this 4-week series. In the first session, we will use our senses to explore a new part of the Garden each week. In the second session, we will explore a new Garden habitat each week. One adult per child. 10–11:30 a.m.

\$60 members; \$72 nonmembers Taylor Visitor Center East Meeting Room Kelly Wehrheim

FIRST SESSION

4 Mondays | June 3, 10, 17, 24 or 4 Tuesdays | June 4, 11, 18, 25 or 4 Thursdays | June 6, 13, 20, 27

SECOND SESSION

4 Mondays | July 8, 15, 22, 29 or 4 Tuesdays | July 9, 16, 23, 30

LITTLE BUGS (ages 2-4)

Little Bugs (BH)

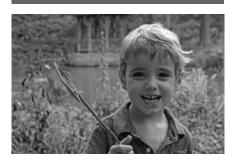
For ages 2 to 4. Explore the world of invertebrates with your toddler while developing language, communication, cognitive, and knowledge skills. Every week we'll introduce your little bug to a new arthropod friend! Each week covers a different topic and includes story time, craft, snack, and an adventure in our Native Garden or Tropical Conservatory.

Mondays 9:30–10:30 a.m. or 11 a.m.-noon Tuesdays 11 a.m.-noon \$12 members; \$15 nonmembers Butterfly House Butterfly House Staff

- Session 1 Monday, March 4 or Tuesday, March 5
- Session 2Monday, March 11 or Tuesday, March 12
- Session 3Monday, April 1 or Tuesday, April 2
- Session 4Monday, April 8 or Tuesday, April 9
- Session 5
 Monday, May 6 or Tuesday, May 7
- Session 6Monday, May 13 or Tuesday, May 14
- Session 7
 Monday, June 3 or Tuesday, June 4
- Session 8
 Monday, June 10 or Tuesday, June 11
- Session 9
 Monday, July 1 or Tuesday, July 2
- Session 10
 Monday, July 8 or Tuesday, July 9
- Session 11
 Monday, August 5 or Tuesday, August 6

Session 12Monday, August 12 or Tuesday, August 13

LITTLE NATURE EXPLORERS (ages 3–5)



Little Nature Explorers (SNR)

For ages 3 to 5. Early childhood peer interaction is key to early development. Each month has a different nature-based theme, hands-on activities, story time, and outdoor exploration including a short walk (weather permitting). Register by March 4, 2024, for three or more Little Nature Explorer classes, and your child will receive a t-shirt! All materials provided. Price per child, per class. One adult per child. \$12 members; \$15 nonmembers
Carriage House
Shaw Nature Reserve Staff

- Weather Tuesday, March 12; 9:30–11 a.m.
- Spring Peeper Scavenger Hunt Thursday, March 28; 9:30–11 a.m.
- Seeds Tuesday, April 9; 9:30–11 a.m.
- Nature BabiesTuesday, May 14; 9:30–11 a.m.
- I Spy Wagon Ride
 Thursday, June 18; 9:30–11 a.m.

GARDEN BUDS (ages 4-6)



Garden Buds (MBG)

For ages 4 to 6. Discover the amazing wonders amidst the Garden with your preschooler in Garden Buds! Price includes one child and one adult.

\$16 members; \$19 nonmembers
Taylor Visitor Center West Meeting Room
unless noted
Jaxon Brinsfield

Spring Session

Register by March 1, 2024, for three spring classes and your child will receive a t-shirt.

Tropical Treats

Mangos, papayas, and pineapples, oh my! Did you know that many of our yummy treats come from plants in the tropical rainforest? That's bananas! Come along as we explore in the Climatron and then make some of our very own delicious tropical treats! Thursday, March 7; 10–11:30 a.m. or Sunday, March 10; 1–2:30 p.m.

A Walk in the Woods

Spring comes to life in the Woodland Garden. Come along and see the woods wake up from winter. We'll learn about all the critters that call the woods their home, and why they think it is such a great place to live.

Thursday, March 21; 10–11:30 a.m. or Sunday, March 24; 1–2:30 p.m.

Sweet Spring Smells

What is that wonderful smell? Spring means new growth, flowers, rain, and sweet spring smells! We'll use our senses as we explore all the signs of spring in the Garden, and make an aroma-filled craft to remind us of our visit. Thursday, April 4; 10–11:30 a.m. or Sunday, April 7; 1–2:30 p.m.

The Giving Tree

Help us celebrate Earth Day and Arbor Day by discovering all the treasures we get from trees. We'll eat tree treats and go on a short hike in search of trees. We will also learn different ways we can take care of trees and the environment.

Thursday, April 11; 10-11:30 a.m. or Sunday, April 14; 1-2:30 p.m.

Buzzing and Blooming

Let's discover why bees and flowers are such great friends! We'll learn about pollination as we pretend to be bees and go on a flower hunt. Then we'll pot some flowers to take home.

Thursday, April 18; 10–11:30 a.m. or Sunday, April 28; 1–2:30 p.m. Farr Auditorium

- Veggie Tales

Every vegetable has a story to tell! Join us as we see how different vegetables grow and create some veggie art.

Thursday, May 2; 10–11:30 a.m. or Sunday, May 5; 1–2:30 p.m. Kemper Center for Home Gardening

Become a Member

of the Missouri Botanical Garden, Shaw Nature Reserve, and Sophia M. Sachs Butterfly House! Members receive discounted prices on classes, plus a full year of benefits.





mobot.org/membership



YOUTH and FAMILY continued...

Summer Session

Register by May 3, 2024, for three summer classes and your child will receive a t-shirt.

Search for Secrets

Join us for two of our favorite topics both of which can be found in the Japanese Garden. The koi and the lotus, which are often included in stories and art work that comes from Japan.

Thursday, June 6 or Saturday, June 8; 10–11:30 a.m. PlantLab

Watercolors in the Garden

Join us as we use the Garden as the inspiration for our watercolor masterpieces. Create your own watercolor pictures while being surrounded by flowers.

Thursday, June 20 or Saturday, June 22; 10–11:30 a.m.

Fairy Garden

Back by popular demand! After a visit to the Garden we will each create our own tiny container garden to take home. Let your imagination soar as you design your tiny treasure.

Thursday, July 11 or Saturday, July 13; 10-11:30 a.m.

— Dinos in the Garden NEW

RAWR! Join us for Dinos in the Garden. Come discover some prehistoric plants and explore what might have been on the menu for our herbivore friends. By the end we will even create a miniature container garden for dinos to call home.

Thursday, July 25 or Saturday, July 27; 10–11:30 a.m.

- Plant Detective

Do you see what I see? Become a young plant detective as we head out to the garden with our magnifying glasses to discover the many things that are hanging around in the garden including man-made things, and natural items like plants, seeds and tiny living creatures.

Thursday, August 8 or Saturday, August 10; 10–11:30 a.m.

THE GROWING YEARS (ages 6 and up)

BUDDING ARTIST (ages 6–12)

Budding Artist (MBG)

Ages 6 to 12. Join us each season as we explore nature by making a seasonal nature journal of your very own or learning about an artist that was inspired by nature. We'll also plant a plant for you to take home so you can continue to make observations. Price per child. One adult per child.

\$20 members; \$24 nonmembers Kelly Wehrheim

- Springtime Journal

Join us as we celebrate spring in the Garden by making a journal. Then we'll use our journals in the Garden to examine the new plant growth and search for animals visiting. Sunday, March 17; 1–3 p.m. or Sunday, March 17; 10 a.m.–noon

Taylor Visitor Center East and West
Meeting Rooms

Collection Bag Journal

Join us as we make a collection bag journal that you can use all summer to keep track of your nature discoveries. .

Sunday, May 5; 1–3 p.m. or Sunday, May 5; 10 a.m.–noon PlantLab

Insect Observation Journal

Join us this summer as we make an Insect Observation Journal. Then we'll take the journal into the Garden and search for insects.

Sunday, June 9; 1–3 p.m. or Sunday, June 9; 10 a.m.–noon PlantLab

Beatrix Potter and the Vegetable Garden

Join us as we visit the Vegetable Garden and learn about author and illustrator Beatrix Potter. While in the Vegetable Garden, we'll use watercolors to paint some of our favorite fruits and vegetables.

Sunday, August 18; 1–3 p.m. or Sunday, August 18; 10 a.m.–noon Taylor Visitor Center East and West Meeting Rooms

BUDDING SCIENTIST (ages 6-12)

Budding Scientist (MBG)

Ages 6 to 12. Join us during your spring and summer breaks to explore and observe plants and animals in the Garden as we become a Budding Scientist. We'll learn about plants and animal life cycles, interactions, and ways to become better stewards of the environment. Be prepared to spend the entire time outdoors. Price per child. One adult per three children. Younger siblings may attend. Registration is required.

Free for members; \$3 nonmembers Doris I Schnuck Children's Garden Ticket Fort Kelly Wehrheim

Cherry Blossom

Join us as we explore the Garden for signs of spring. We'll look for cherry blossoms, leaf budding and active insects.

Friday, March 8 or Friday, March 15

or Friday, March 22

or Friday, April 5

or Friday, April 12

or Friday, April 19;

10 -11:30 a.m. or 1-2:30 p.m.

Summer Solstice

Join us as we celebrate summer by observing the plants flowering and fruiting, as well as the insects and other animals visiting the Garden.

Friday, June 14 or Friday, June 28 or Friday, July 19; 10–11:30 a.m.

Celebrate Urban Birds

Join us as we celebrate birds and learn about this Citizen Science project from Cornell Lab of Ornithology.

Friday, June 21 or Friday, July 12 or Friday, July 26

10-11:30 a.m.

NATURE NAVIGATORS (ages 6-12)

Nature Navigators (SNR)

For families with kids ages 6 to 12. Learn about nature with your family as we have fun outdoors! Each program involves an outdoor activity using our senses to discover what's around us as you master a skill.

\$10 members; \$12 nonmembers

Spring Peeper Sunset Hike for Families

The thunderous chorus of spring peepers and other early spring frog calls must be heard to be believed. We'll hike part of the Wetland Trail, learn the different calls, try to spot different amphibians with our flashlights, catch a few, and enjoy the loud sounds of spring. Approximately ½ mile on a flat path.

Sunday, March 10; 4–5:30 p.m. Wetland Shaw Nature Reserve Staff and Volunteers

Kid's First Time Fishing

Fishing is not normally allowed at the Nature Reserve, but the Missouri Department of Conservation is teaming up with the Nature Reserve to provide a special fishing experience for first-time or young anglers (6 to 12 years old) wanting more experience. Bait and assistance will be provided. Fishing is for kids only. A parent or guardian must be present. Kids can choose to catch and release or keep and watch fish-filleting demonstrations.

Saturday, June 1; 9:30–11:30 a.m. Pinetum Lake Shaw Nature Reserve and Missouri Department of Conservation Staff



Keeper for a Day (BH)

Ages 8 to 17. Become an honorary member of our animal care team and learn firsthand how we maintain a healthy and diverse invertebrate collection! Work alongside entomological professionals feeding insects, releasing butterflies, and sharing the wonder of arthropods to the public. Dates vary. Call (314) 577-0888 ext. 2 for availability.

Special

Behind the Scenes

Opportunity!

8:30-10:30 a.m. \$100 members; \$120 nonmembers

LOOKING FOR FAMILY FUN?

Check out special events on pages 48-49.

GREAT GREEN ADVENTURES (ages 6-12)

Great Green Adventures (MBG)

Ages 6 to 12. Sign up now to explore a special area of the Garden. Price per child. One adult per three children. Younger siblings may attend. 10:30–11:30 a.m.

or 1:30-2:30 p.m.

Free for members; \$3 nonmembers Doris I Schnuck Children's Garden Ticket Fort Kelly Wehrheim

Spectacular Spring

Join us as we search the Garden for the first signs of spring.

Saturday, March 16

Missouri Native Shade Garden

Let's learn about the plants of Missouri woods and how to protect the remaining native ecosystem.

Saturday, April 20

My Senses Tell Me...

What do your senses tell you? Join us as we let our senses guide us on our walk through the Sensory Garden.

Saturday, May 18

Around the Pond

Join us as we explore around the pond and find out what plants and animals call the pond their home.

Saturday, June 15

Perfect Pollinators

Join us as we search for bees, butterflies, and other pollinators and help celebrate their important role in the Garden.

Saturday, July 20

Wonderful Water Lilies

Join us as we visit the water lily pools and try our hand at watercoloring these amazing plants.

Saturday, August 17

Plants Around the World (MBG) NEW

Ages 6 to 12. Join us each season as we learn about different plants from around the world by drawing and journaling them in the Garden. Each class is focusing on plants of seasonal interest, register for one or both classes. Pencils and small journals will be provided, but feel free to bring your own.

Spring session Sunday, April 14
Summer session Saturday, June 22;
1–3 p.m.
\$20 members; \$24 nonmembers
PlantLab
Kelly Wehrheim

BSI: Bug-Scene Investigators (BH) NEW

New! Summer Camp Opportunity

Ages 7 to 12. The Bug
Bureau of Investigations is searching
for new agents! In this hands-on field
training, recruits will join Butterfly
House experts to hone their detective
talents as they attempt to crack unsolved
cases. Each week will present a different
challenge that will help trainees learn
new skills and discover new friends
(both bug and human) as they unveil the
mysteries of invertebrate behavior.
9–11:30 a.m.

\$200 members; \$220 nonmembers Butterfly House Butterfly House Staff

Mystery of the Chewed-up Leaves Monday-Friday, June 3-7

Mystery of the Mysterious Noise Monday-Friday, June 10-14

Mystery of the Failed Flowers Monday-Friday, June 17-21

Mystery of the Gloomy Garden Monday-Friday, June 24–28

NEW! TEEN PROGRAMS (ages 13–17)



Camp Compost (MBG) NEW

Every successful garden starts with a solid foundation! Join us for Camp Compost, where we will delve into the fascinating world of composting. Get your hands dirty and discover how the magic of decomposition turns your food scraps into nutirent-rich soil plants need to grow big and strong. Get a behind-the-scenes peek at the Garden's mountainous compost heaps, and learn some of the interesting ways the Garden uses and reuses plant material. Then discover how you can start your own compost pile, and learn how composting can make a difference in your community! Saturday, March 9; 1:30-3 p.m. \$21 members; \$25 nonmembers PlantLab Liz Byrde and Jaxon Brinsfield

Dyeing and Printing with Plants (MBG) NEW

Learn the intriguing and exciting chemistry behind dyeing with the world's best botanical blue: indigo! Then continue your dyeing journey by exploring the Garden to learn about dye plants, and harvest some plants for flower pounding—which is exactly what it sounds like. Go home with a hand-dyed t-shirt and bandana. Saturday, April 13; 1:30–3 p.m. \$21 members; \$25 nonmembers PlantLab

I'm Liking Lichen! (MBG) NEW

Explore with us in the world's tiniest forests: lichen and moss! Travel to corners of the garden filled with soft green moss and strange lichen, to get a closer look at these tiny ecosystems right where they live. Dive in deep to examine moss and lichen and learn about their life cycles, amazing adaptations, and contributions to life on earth. We guarantee that after this class, you won't look at mossy rocks the same!

Saturday, August 3; 1:30–3 p.m.

\$21 members; \$25 nonmembers

PlantLab

Liz Byrde and Jaxon Brinsfield

FAMILY PROGRAMMING

Super Bugs (BH)

Ages 4 to 8. What they lack in size they make up in ability! Bending steel, hiding in plain sight, and shape-shifting are just a few of the superpowers bugs possess. Meet a new Super Bug each month, and discover the amazing abilities of our invertebrate friends. Little learners will discover their inner Super Bug through dramatic play, hands-on activities, and up-close bug encounters. Price per child, per class. One adult per child.

Saturday, March 23 or Saturday, April 20 or Saturday, May 18 or Saturday, June 15 or Saturday, July 20 or Saturday, August 17; 9:30–10:30 a.m. \$12 members; \$15 nonmembers Butterfly House Staff

Mini Hiking with Rover (SNR)

For families with children ages 8 and older.

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 the approximate 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. Hike is on trails over rolling terrain. Please be on time! Canceled if raining.

Sunday, April 14; 8:30–9:30 a.m. \$10 members; \$12 nonmembers Adlyne Freund Center Karen Bryan

Lightning Bug Night Hike (SNR)

For ages 6 and up. Join us for a sunset hike on Brush Creek Trail as the seasonal lightning bug display takes place. We'll view the night sky, learn about lightning bugs, view the twinkling lights in this prime spot, and hike 1 mile on this trail and also walk through the Whitmire Wildflower Garden.

\$10 members; \$12 nonmembers Carriage House Shaw Nature Reserve Staff and Volunteers

Bugs Rock! (BH)

Friday, June 7; 8-9:30 p.m.

Ages 4 to 8. You're invited to join in the fun with this rockin' series! Each month will feature a live animal encounter with a new bug, and we will explore what makes it a unique and important part of our natural world. Learners will go home with their very own hand-painted rock bug to add to their own rock bug garden. Price per child, per class. One adult per child.

Sunday, March 31 or Sunday, April 28 or Sunday, May 26 or Sunday, June 30 or Sunday, July 28 or Sunday, August 25; 2:30–3:30 p.m. \$12 members; \$15 nonmembers Butterfly House Staff

Fantastic Bugs and Where to Find Them (BH)

For all ages. Take a magical walk around the Butterfly House Native Butterfly Garden and into Faust Park with our bug experts to discover the amazing invertebrates living all around us! On this short trip, get a closer look at some unbelievable animals and learn how to observe and protect bugs in your own backyard. Price per person.

Monday, May 27 or Monday, July 22; 2:30–3:30 p.m. \$3 members; \$11 nonmembers; \$3 member children; \$8 nonmember children Meet at Butterfly House Butterfly House Staff



Family Container Garden (BH) NEW

For families with kids of all ages. Create a planter with your family that's good for your local bugs too! Invite Mother Nature a little bit closer with an irresistible container at each of these unique sessions.

2:30–3:30 p.m. \$45 members; \$54 nonmembers (price per container, maximum 3 people) Butterfly House Staff

Beautiful Butterflies Sunday, May 12

Pollinator Paradise Sunday, June 16

Bugs Galore Saturday, July 13

Shaw Family Adventures (SNR)

For families with children ages 3 to 10 with an accompanying adult. Join us for an adventure and get hands-on with nature! Each class includes activities for your family to learn together about the plants and animals of the Reserve.

Shaw Nature Reserve Staff and Volunteers

Flashlight Hike

Hear a story about exploring with a flashlight, learn about nocturnal animals, go on a scavenger hunt with your flashlight, and make a craft to take home. Note that the earlier time is to accommodate for bedtime.

Friday, June 21; 6–7:30 p.m. \$10 members; \$12 nonmembers Glassberg Family Pavilions

The Creek

Grab your creek shoes and come explore Brush Creek with us! We will see what kinds of critters live in the creek. Come prepared for a 1-mile walk on hilly terrain.

Monday, June 3 or Tuesday, June 4; 9:30–11 a.m. \$7 members; \$9 nonmembers Bascom House Circle Drive

Plants and Pollinators

We'll hike to see if we can spy butterflies, go on a scavenger hunt for plants that pollinators like, play games, hear a story, and make a craft.

Wednesday, June 6; 9:30–11 a.m. \$7 members; \$9 nonmembers Carriage House

Forest Day and Night

Hear a story about daytime and nightime animals, go on a scavenger hunt to find daytime animals, and make a craft. Wednesday, July 17; 9:30–11 a.m. \$7 members; \$9 nonmembers Carriage House

SPECIAL EVENTS

BUTTERFLY HOUSE

Rainforest Revel NEW

For ages 21 and older. Revel in a night out at the Butterfly House with live jazz and local brews! Take in the sights and sounds of the rainforest while experiencing the beauty of our tropical butterfly Conservatory at night. Sample and savor foods native to tropical rainforests. Learn about the international journey for some amazing animals, discover sustainable butterfly farming practices, and gain a deeper understanding of your role in rainforest conservation.

Friday, March 22; 5:30–7:30p.m. \$25 members; \$30 nonmembers; \$15 designated driver Butterfly House

Fancy Tea

Don't be late for this very important date! Our tea party will have you feeling and acting silly while we celebrate mommies, grammies, and aunties. We will be eating tasty treats, sipping delightful drinks, and making whimsical crafts in Wonderland.

Saturday, May 4; 2–3:30 p.m. or Sunday, May 5; 10–11:30 a.m. or 2–3:30 p.m \$20 members; \$25 nonmembers; ages 12 months and younger are free Butterfly House

Dads, Dogs, and Donuts: Featuring Clifford

Bring the whole family to the Butterfly House as we celebrate dads, grandpas, and uncles! Join us for story time with our special guest, Clifford! Enjoy delicious 'chow', donut decorating, adorable crafts, and get memorable photos with the big red dog, himself!

Sunday, June 9; 10–11:30 a.m or 1–2:30 p.m \$15 members; \$20 nonmembers; ages 12 months and younger are free Butterfly House



Tacos, Tequila, and Tarantulas

For ages 21 and older. Join the celebration at Tacos, Tequila, and Tarantulas at the Butterfly House! Munch on tacos, get all of your tequila questions answered, and enjoy live animal encounters at the tarantula bar! Don't worry, liquid courage will be provided! Dance the night away to the sounds of live music, in the Native Butterfly Garden.

Wednesday, July 24; 7:30–9:30 p.m \$25 members; \$30 nonmembers; \$15 designated driver Butterfly House

Bookworm Brunch

Chris' Cakes will be flipping their famous pancakes, at the Butterfly House, as we host our annual Bookworm Brunch! Experience an enchanted story time with a very special guest, meet live caterpillars, and make memorial crafts. Step into our tropical oasis to be surrounded with thousands of free-flying butterflies!

Saturday, August 10 or Sunday, August 11; 9–10:30 a.m. \$20 members; \$25 nonmembers; ages 12 months and younger are free Butterfly House

SHAW NATURE RESERVE

Spring Wildflower Market

Save the dates to shop from a wide selection of Missouri native wildflowers, grasses, shrubs, and trees suitable for all soil, moisture, and light requirements. Also enjoy shopping with local craft, drink, and food vendors. Visit snrshop.org for more information.

Online sale begins Wednesday, April 10; 9 a.m. Members-only sale Friday, May 3; 3–7 p.m. Public sale Saturday, May 4; 9 a.m.–1 p.m. Free for members; \$5 nonmembers Visitor Center
Shaw Nature Reserve Staff

MISSOURI BOTANICAL GARDEN



Orchid Show January 27-February 25

Grapes in the Garden May 10

Chinese Culture Days May 18-19

Whitaker Music Festival May 29-July 31

Japanese Festival Labor Day Weekend August 31-September 2

Best of Missouri Market October 4–6

Spirits in the Garden October 25

Follow us on Social Media!

Follow each of our three locations on social media to enjoy photos, live videos, updates, and more!



Instagram

@mobotgarden @mobotlearning - **NEW** @butterflyhousestl @shawnaturereserve



Facebook

@missouribotanicalgarden @LearningatMissouriBotanicalGarden - **NEW** @butterflyhousestl @shawnaturereserve



Twitter

@mobotgarden @butterflyhse @shawnature

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SNR: Shaw Nature Reserve

BH: Sophia M. Sachs Butterfly House

CBEC: Commerce Bank Center for Science Education

ONLINE: Class takes place via Zoom

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Scouting at the Garden

The Missouri Botanical Garden offers engaging, nature-inspired scout programs that provide hands-on activities and nature walks in the Garden that support badge work. Self-guided programs for groups that want a casual trip to the Garden are also offered.

Shaw Nature Reserve is now available for scout groups to book programs. Any of the 21 programs offered at Missouri Botanical Garden will now be available at Shaw Nature Reserve.

So, weather you are looking for a fun self-guided scout day out or a fully programmed experience, there is something for every scout at the Garden and the Reserve.

Available program dates are first come, first served. We are booking now for 2024.



MBG



SNR



Scout Request Form

CLASS INFORMATION and POLICIES

PLEASE BE SURE TO CHECK THE LOCATION OF YOUR CLASSES.

Location of Classes

Site maps are available at mobot.org/classes. Your confirmation will also include class location and links to campus maps.

Class Information and Material Lists

Individual class details and material lists are available online at mobot.org/classes within each individual class listing.

Memberships

Garden memberships are non-transferable; member's price may be used by the member whose name appears on card and those residing in the member's household only.

Wait List

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

Age Restrictions

Adult Education classes are designed for individuals ages 18 and up, unless otherwise noted in description.

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 extensive, registration will end and the registration end date will be adjusted.

Accessibility

Request ASL interpretation, captions, and audio description for any class you attend while registering online. As always, you will still be able to reach out to us by phone or email to request accommodations.

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

Video recording classes is prohibited. Participant agrees not to use commercially any video, photography, or reproduction in any form taken at the Garden.

Photo Policy

Participant grants permission to the Garden and its designees to utilize participant's image, likeness, voice, video, actions, or statements in any form taken during a visit to the Garden or its locations for the purpose of promoting the Garden and its locations in perpetuity.

Cancellations/Refunds

- Class capacity, dates, and times are subject to change. If you are unable to attend due to these changes or should the class get canceled, a full refund will be given.
- Please contact classes@mobot.org or call
 (314) 577-9506 for cancellations 1 week prior to class
 date. A full refund, minus a \$5 processing fee, will be
 issued. Refunds cannot be issued for missed classes
 or cancellations less than 1 week prior to class.
- For overnight program refunds, cancellations must be made at least 2 weeks prior to the program.
 Refunds cannot be issued for cancellations less than 2 weeks prior, or missed programs.
- Many classes will allow you to send an alternate participant if you are unable to attend. Please call (314) 577-9506 prior to class.
- 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.

Questions?

Online class registration (314) 577-9506 or classes@mobot.org Shaw Nature Reserve classes | (314) 577-9526 Butterfly House classes | (314) 577-0888 Missouri Botanical Garden classes | (314) 577-9506



Give the gift of knowledge!

Education Gift Certificates are available! Call (314) 577-9506

REGISTRATION FORM Child's name and age (if applicable): Address: City_____ State:____ Zip:_____ Home Phone: Work Phone: Email: _____ Course Name Attendee Location Date Fee PAYMENT OPTIONS (please check one): Please check one: ☐ Member ☐ Nonmember Missouri Botanical Garden Member ID: Payment Method: ☐ Check ☐ Credit Card

Mail to: Missouri Botanical Garden, Education Division, 4344 Shaw Blvd., St. Louis, MO 63110

Card #: _____

Exp: 3-Digit Verification Code:

Signature: _____

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.

SPRING-SUMMER 2024 CLASSES

Sign up online at mobot.org/classes



Commerce Bank Center for Science Education CLASSES ARE ALSO OFFERED AT:

9 a.m.

4651 Shaw Blvd. | St. Louis, MO 63110

Bayer Center

4500 Shaw Blvd. | St. Louis, MO 63110

307 Pinetum Loop Rd. | Hwy 100 at I-44 (exit 253) Shaw Nature Reserve

Gray Summit, MO 63039 | (314) 577-9526

Sophia M. Sachs Butterfly House

15050 Faust Park | Chesterfield, MO 63017 | (314) 577-0888

(Maps are available online)

Become a member today! Visit mobot.org/membership. Members always receive discounted prices on classes.

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