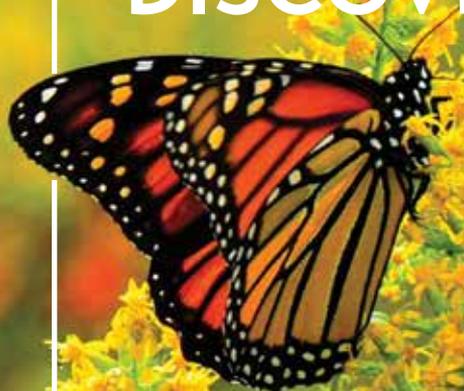


LEARN + DISCOVER



CLASSES FOR ADULTS,
YOUTH, and FAMILY

Fall–Winter 2022–2023 | mobot.org/classes



MISSOURI
BOTANICAL
GARDEN



Sophia M. Sachs
BUTTERFLY
HOUSE



SHAW
NATURE
RESERVE

Registration
Begins
August 1,
9 a.m.

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. In order to provide you with the most accurate information, classrooms are listed online only at mobot.org/classes.

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
 ONLINE: Class takes place via Zoom
 OFF-SITE: check class listing

TABLE OF CONTENTS

| | | | |
|-----------------------------------|----|--|----|
| ADULT CLASSES | 4 | Well-Being: Mind and Body Connections | 26 |
| DIY Crafts | 4 | OUTDOOR ADVENTURES FOR | |
| Fine Arts | 7 | ADULTS, YOUTH, AND FAMILY | 29 |
| Food and Cooking | 8 | YOUTH AND FAMILY | 31 |
| Gardening and Landscaping | 9 | The Little Years (ages 6 and under) | 31 |
| Become a Great Gardener | 9 | The Growing Years (ages 6 and up) | 33 |
| Gardening for Biodiversity | 10 | Family Programming | 36 |
| Green Living | 14 | SPECIAL EVENTS | 38 |
| Guided Walks and Tours | 16 | INDEX BY LOCATION | 40 |
| Nature Study | 19 | CLASS INFORMATION AND POLICIES | 42 |
| Photography | 22 | REGISTRATION FORM | 43 |
| Garden Photography | 22 | | |
| Nature Reserve Photography | 24 | | |
| Butterfly House Photography | 24 | | |

“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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Registration starts August 1 at 9 a.m.!

NEW

Online Registration Software for Classes

Starting August 1, class registration will take place using the same new membership and ticketing system launched earlier this summer. A new login and password are required to register for classes.

FOR MEMBERS – We have used the email address from our membership files to establish an online account for you. To activate this account, you will need to set up a password.

Here’s how:

- Visit mobot.org/login.
- Follow the instructions for “Current and Renewing Members” to activate your account and follow the instructions. Please type in the email our membership office has on file for you.
- Check your email for a message from the Garden. Using the personal link provided, set up a password for your account.
- You’re done! You can now use your email and password to log in when transacting with us for class registration, tickets, or membership items.

FOR NONMEMBERS – You will need to create a complete account, login, and password.

- Visit mobot.org/login.
- Click the “Register to Create New Account” button and create your account.
- Check your email for a message from the Garden. Using the personal link provided, set up a password for your account.
- You’re done! You can now use your email and password to log in when transacting with us for class registration, tickets, or membership items.

For more information, contact classes@mobot.org or call (314) 577-9506, Monday–Friday, 9 a.m. to 4:30 p.m.

Important: The new system for classes will not be active until August 1 at 9 a.m. To register for the current spring/summer selection, you will have access to the system we currently use with your old login and password.

POP-UP CLASSES

In addition to the classes included in this catalog, the Garden, Shaw Nature Reserve, and Butterfly House also periodically host Pop-up classes throughout the year. Visit mobot.org/subscribe to sign up for our email newsletter and receive the latest information about upcoming classes.

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.



DIY Herb Drying (MBG) **NEW**

Growing herbs provides a bounty beyond the season. Learn techniques for drying, including creating a simple drying rack for your space. Hands-on exploration of herbs, both fresh and dried, will provide inspiration to begin your own drying practice. Uses of herbs for a variety of purposes will be presented, from cooking to self-care and beyond.

Saturday, October 1, 10 a.m.–noon
\$30 members; \$40 nonmembers
Therapeutic Horticulture staff

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 that 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 ½ mile walk.

3 Tuesdays: September 13, 27;

October 11, 5–7 p.m.

\$138 members; \$166 nonmembers
Sharon Lloyd

Paint and Sip at the Butterfly House (BH)

Let your inner artist take flight with this perfect pairing! After an inspirational stroll through a butterfly-filled Tropical Conservatory, our instructor will help colorful wings take shape on your canvas. Enjoy a night of painting, wine, and light snacks that is sure to both stimulate your taste palate and encourage your creative palette.

Tuesday, September 20

or Friday, September 23

or Friday, December 2

or Friday, December 9

6:30–8:30 p.m.

\$45 members; \$54 nonmembers

Butterfly House staff

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. Designed for adults only. All materials provided.

Saturday, October 15, 9:30–11:30 a.m.

\$33 members; \$39 nonmembers

Brittany Shultz

Living Pumpkin Arrangement with Succulents (MBG)

Make a fall decoration with trendy succulents and a real pumpkin that's perfect for decorating from Halloween through the Thanksgiving holiday. Create a living arrangement without piercing the skin of your pumpkin with knives.

Tuesday, October 18, 10–11:30 a.m.

\$65 members; \$78 nonmembers

Sharon Lloyd

Weave Your Own Scarf (MBG)

Learn how to weave this fall with a blend of natural fibers that might include hemp, cotton, or bamboo. With a pre-warped loom, you will be ready to weave a scarf 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, November 5, 9:30 a.m.–2:30 p.m.

\$97 members; \$116 nonmembers

Jill Kettler

Native Plant Door Swag (BH)

We will use beautiful fall foliage, seed pods, and fruits provided by native plants to create a uniquely local door accent! With materials harvested from our native garden and additional accents (ribbons, ornaments, etc.) you can bring from home, you'll make a seasonal work of art to adorn your home.

Saturday, November 5, 3–4:30 p.m.

\$36 members; \$43 nonmembers

Butterfly House staff



Succulent Hostess Gift (MBG)

Looking for a unique hostess gift this holiday season? Then this is the class for you. Choose from a variety of small containers and make three beautiful potted succulent arrangements your friends and family will love!

Thursday, November 10, 1–3 p.m.

\$49 members; \$53 nonmembers

Sharon Lloyd

Weave Your Own Table Runner (MBG)

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 students who have woven or beginners. Bring a snack if you like. All materials provided.

Saturday, November 12, 9:30 a.m.–1 p.m.

\$76 members; \$86 nonmembers

Jill Kettler

Tabletop Treasures— Living Centerpieces (BH)

Bring the majesty of fall inside with a living centerpiece to decorate your holiday table. You will receive an expertly chosen selection of fall plants along with accents such as small gourds and decorative wood, and leave with a finished centerpiece and instructions for its care.

Saturday, November 19, 3–4:30 p.m.

\$48 members; \$58 nonmembers

Butterfly House staff

Evergreen Holiday Porch Pot (MBG)

Learn creative ways to jazz up your outdoor containers for the holidays using natural materials like cut evergreens, pine cones, and seed pods. We will be making a container you can take home with you. Please bring pruning shears, gloves, and any additional accents you would like such as ribbons or ornaments.

Saturday, December 3, 1–2:30 p.m.

\$62 members; \$74 nonmembers

Sharon Lloyd

Tabletop Treasures—Fairy Gardens (BH)

Learn the basics of miniature gardening including plant selection, creative container ideas, and the endless miniatures available, from fairies to furniture. Tour the fairy gardens on display at the Butterfly House for inspiration, then return to the classroom to create a magical miniature garden of your own.

Friday, December 16, 3–4:30 p.m.

\$48 members; \$58 nonmembers

Butterfly House staff

DIY Crafts continued...

Holiday Wreaths from Natural Materials (SNR)

Enjoy the fireside as you make a beautiful holiday wreath of fresh greens and other natural materials from Shaw Nature Reserve to take home. You will learn a basic weaving technique to create your wreath.

Thursday, December 1

10 a.m.–noon or 1–3 p.m.

\$40 members; \$48 nonmembers

Rachel Weller

Evergreen Holiday Door Swag (MBG)

Create a 12" fresh evergreen door swag using your choice of materials, such as evergreen boughs and juniper berries as well as natural accents like pine cones and more! Please bring pruning shears, gloves, and any additional accents you would like such as ribbons or ornaments.

Thursday, December 1, 1–2:30 p.m.

\$65 members; \$78 nonmembers

Sharon Lloyd

Bee's Knees—Gifts from the Hive (BH)

Bees and humans have a long history together, and you can reap the benefit of this centuries-old relationship as you learn how to use beeswax and honey to make lip balm, candles, and a honey oatmeal scrub. Whether you share your bee-aautiful creations with others, or keep them for yourself, you won't hear a buzz from us either way.

Saturday, December 3

9:30–11:30 a.m. or 12:30–2:30 p.m.

\$37 members; \$45 nonmembers

Butterfly House staff

An Evergreen Holiday Wreath (MBG)

It's a seasonal tradition. Create a beautiful, holiday wreath using a 14-inch wire frame with a base of mixed evergreens with natural accents. No experience necessary, but some hand strength required. Please bring pruning shears, gloves, and any accents like ribbons, ornaments, and bows that you would like to add.

Thursday, December 8, 10 a.m.–noon

\$62 members; \$74 nonmembers

Sharon Lloyd

Simple Flower Arranging Holiday Edition (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. All materials provided.

Monday, December 12, 5–6:30 p.m.

\$43 members; \$52 nonmembers

Sharon Lloyd

Make Your Own DIY

Personal Care Products (MBG)

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. In your kit, we will provide the supplies to make each product. Be inspired to make gifts this upcoming season.

Thursday, January 19, 6:30–8:30 p.m.

\$30 members; \$36 nonmembers

Glenda Abney and Julie McCroskey

Simple Flower Arranging Valentine's Edition (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. All materials provided.

Thursday, February 9, 4–5:30 p.m.

\$43 members; \$52 nonmembers

Sharon Lloyd

**CHECK OUT PAGE 14,
DIY CRAFTS for the Holidays
in the Green Living section**

FINE ARTS

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



Painting from Nature Workshop (MBG)

Beginner/Intermediate. Leonardo da Vinci said, "Study the science of art. Study the art of science." Beginning with pencil, students will learn how to define form and structure, translate proportion and depth, and explore line and value. Students will then learn how to apply watercolor to their compositions, gaining in-depth knowledge of color mixing and paint application. Clear, step-by-step instructions will be provided to enable you to fully understand the process, creating multiple renderings from nature along the way. A final project and critique will round out the workshop. All materials provided.

3 Saturdays: September 10, 17, 24

9:30 a.m.–12:30 p.m.

\$126 members; \$150 nonmembers

Emily Dustman

Plein-air Watercolor Workshop (SNR)

All levels. Enjoy plein-air watercolor painting at the Trail House with watercolor artist, Theresa Long. Plein-air 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. Supply list provided at registration.

3 Thursdays: September 15, 22, 29

9:30 a.m.–12:30 p.m.

\$100 members; \$120 nonmembers

Theresa Long

Sketching in the Garden (MBG)

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.

4 Thursdays: September 8, 15, 22, 29

9:30 a.m.–noon

\$140 members; \$168 nonmembers

Judy Cobillas

Watercolor: Experimental Landscapes (MBG)

Learn to think outside the box and experience a truly unique way of approaching a traditional subject. The natural organic shapes and textures of the landscape are a playground for innovation and experimentation. Using the free-flowing characteristics of watercolor as well as other water-based mediums, artists will break away from the familiar and comfortable, making choices that suit their personal style. Intermediate to advanced. Supply list provided at registration.

4 Fridays: January 6, 13, 20, 27

10 a.m.–12:30 p.m.

\$140 members; \$168 nonmembers

Judy Seyfert

Watercolor: Art for the Holidays (MBG)

Ralph Waldo Emerson once said, "The greatest gift is a portion of thyself." What better gift to give than your own personal piece of art. Artists will create small watercolors to be given framed as gifts or used as holiday cards. From landscapes to flowers to abstracts, you will paint dozens of small paintings that will delight you and your friends. Artists of all levels will enjoy the creative process in making these wonderfully unique paintings. All levels welcome.

6 Mondays: October 10, 17, 24, 31; November 9, 14

6:30–9 p.m.
\$165 members; \$200 nonmembers
Judy Seyfert

The Creative Watercolorist (MBG)

Find your artistic muse at the Garden. It is a source of inspiration and innovation in art. Through a series of creative challenges artists will go beyond traditional watercolor stimulating creativity and the imagination. Artists will work at their own level on various matter. Group and individual instruction will be given. All levels but artists should have basic watercolor skills.

8 Fridays: September 9, 16, 23, 30; October 7, 14, 21, 28

9:30 a.m.–noon
\$220 members; \$264 nonmembers
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: September 6, 13, 20, 27; October 4, 11, 18, 25

9:30 a.m.–noon
\$220 members; \$264 nonmembers
Mary Dee Schmidt

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.

Holiday Spirit (MBG) NEW ONLINE

Join members of The St. Louis Herb Society as they share ideas to add holiday spirit to your year-end decorating and entertaining. We will share simple ways to add a contemporary flair to drinks, appetizers, desserts, as well as decorating from your front door to your table and gift wrap.

Tuesday, November 15, 10–11:30 a.m.
\$21 members; \$25 nonmembers
The St. Louis Herb Society

Herbs for the Winter Blues (MBG) NEW ONLINE

The darker days of winter can take away some of your sparkle. Learn which herbs and foods can bring more sunshine into your world and keep you buoyant and enlivened when the temperatures dip and the skies are gray. We'll discuss an array of herbs—including lemon balm, St. John's wort, holy basil, and motherwort—and creative ways to use them in food and well-being. Recipes included.

Wednesday, January 11, 6–8 p.m.
\$28 members; \$34 nonmembers
Dawn Petter

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.

Saturday, February 11, 1–3 p.m.
\$40 members; \$48 nonmembers
Kim Petzing

GARDENING and LANDSCAPING

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



GARDENING BEST PRACTICES

BECOME A GREAT GARDENER

These classes are designed for beginners just getting into gardening. All plants and supplies are provided. Come prepared for a ½–1½ mile walk.

Putting Your Garden to Bed (MBG)

Fall is a great time to pull out the honey-do list. Find out which tasks you should focus on for fall and which ones should be done in the spring. Learn about creating new beds, pruning, mulching, and how to take cuttings of your favorite annuals to overwinter. Come prepared for a 1-mile walk.

Tuesday, September 6
or Monday, October 3
1–3 p.m.
\$28 members; \$34 nonmembers
Sharon Lloyd

Back to Basics Garden Boot Camp (MBG)

Designed for beginners. 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 1-mile walk.

4 Thursdays, September 8, 15, 22, 29
1–3 p.m.
\$88 members; \$106 nonmembers
Sharon Lloyd

Low-Maintenance Perennials (MBG)

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. These classes are designed for beginners just getting into gardening. Come prepared for a 1-mile walk.

Tuesday, September 20, 10 a.m.–noon
or Thursday, October 13, 4–6 p.m.
\$28 members; \$34 nonmembers

or Tuesday, November 15 ONLINE
5:30–7 p.m.
or Thursday, February 16 ONLINE
1–2:30 p.m.
\$21 members; \$25 nonmembers
Sharon Lloyd

Plants for Multi-Season Interest Walk (MBG)

It's not just the flowers that make a garden beautiful! Foliage, color, bark, and contrasting texture can add the impact you are looking for. In this class we will look at tree and shrub selection, bulbs, perennials, and annuals that will keep your garden interesting throughout the year! Come prepared for a 1-mile walk.

Thursday, October 20, 1–3 p.m.
\$28 members; \$34 nonmembers
Sharon Lloyd

GARDENING for BIODIVERSITY

NATIVE PLANT SCHOOL

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.

Floral Arrangements with Native Plants (SNR)

Bring a small to medium vase to class and bring it home full of beautiful native flowers. Learn how expert flower arranger, Terri Brandt creates beautiful floral arrangements using a wide array of plant materials and flowers. Class will be held in the horticulture greenhouse area at Shaw Nature Reserve.

Thursday, September 15, 1-4 p.m.
\$14 members; \$17 nonmembers
Joan Klingensmith

Fall Native Edible Plants (SNR)

Did you know that many native plants are edible and delicious too? Together, class members and Whitmire Wildflower Garden Horticulturists will identify some common native edible plants, view them in a garden setting, and discuss different ways to include them in recipes. This will be a fun and interactive class for gardeners and cooks alike! Come prepared to hike outside in a garden setting.

Thursday, October 20, 1-4 p.m.
\$14 members; \$17 nonmembers
Jen Sieradzki

Gardening for Bumble Bees and Monarchs (SNR)

Join us for this “how to class” on creating incredible habitat for all kinds of wildlife, by specifically targeting your gardening efforts on just our native bumble bees and the migrating monarch butterflies!

Thursday, November 17, 1-4 p.m.
\$14 members; \$17 nonmembers
James Faupel

Pruning Native Trees and Shrubs (SNR)

Late winter is the ideal time for pruning many types of trees and shrubs. In this class you will learn about the finer details of woody plant biology and how to prune, as well as going out into the gardens to get some hands-on experience in the process.

Thursday, January 26, 1-4 p.m.
\$14 members; \$17 nonmembers
James Faupel

Greenhouse Propagation of Native Plants (SNR)

Growing native perennials, annuals, grasses, trees, and shrubs from seed isn't a mystery. This class will introduce the basic propagation methods that involve handling seeds, indoor and outdoor cold/moist stratification, scarification, timing, and soils. This class will be held in the indoor Horticulture Headhouse and will involve touring the greenhouse area.

Thursday, February 16, 1-4 p.m.
\$14 members; \$17 nonmembers
Jen Sieradzki



Creating a Sensory Garden (MBG)

All gardens appeal to our senses, but sensory gardens aim to maximize our sensory experience with plants that have delightful scents, textures, colors, shapes, and flavors. Join Therapeutic Horticulture staff to learn how to create a garden that engages your senses. Class will take place in the Zimmerman Sensory Garden and includes the opportunity to harvest a small arrangement to take home.

Wednesday, September 7, 5:30-7 p.m.
\$20 members; \$24 nonmembers
Sammie Ruzicka



Bulbs 101 (MBG) NEW ONLINE

Tulips, daffodils, and lilies, oh my! New to gardening or just want to learn more about bulbs? Join Claire Krofft, Missouri Botanical Garden Bulb Gardener, to learn about selecting, planting, and designing a garden with bulbs. You will leave the class with ideas for fall planting for spring blooms!

Wednesday, September 7, 6-7 p.m.
\$14 members; \$16 nonmembers
Claire Krofft

Rescue and Renovate Your Cool-Season Lawn (MBG)

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

Wednesday, September 7, 6-8 p.m.
\$28 members; \$34 nonmembers
Glennon Kraemer

Easy Tree I.D. (MBG)

Do you ever wonder about the trees in your neighborhood? Can you tell the difference between a native tree and an invasive? Maybe it's time to take a beginner's tree I.D. class! Learn about the trees that make up your world. Join certified arborist 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: September 13, 20, 27; 5-7 p.m.
\$84 members; \$100 nonmembers
Mark Grueber

Fall Gardening Tips from the Plant Doctor (MBG)

With summer coming to an end, it's time to start thinking about preparing your Garden for the fall and winter months. There's still a lot to do before it's time to hang up the tools. This class will cover fall gardening tasks such as perennial and bulb planting, fall vegetable gardening, readying houseplants for indoors, and provide suggestions of plants with good fall color and winter interest!

Tuesday, September 13, 5:30-6:30 p.m.
\$14 members; \$16 nonmembers
Daria McKelvey

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: September 14, 21, 28; October 5, 12, 19; 6:30-9 p.m.
\$210 members; \$250 nonmembers
Russ Volmert

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 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 Wednesdays: September 14, 21; 5-7 p.m.

\$56 members; \$68 nonmembers

David Gunn



Strawberries, Blueberries, and More (MBG) ONLINE

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.

Tuesday, September 20, 6:30-8 p.m.

\$21 members; \$25 nonmembers

Elizabeth Wahle

Advanced Tree I.D. (MBG)

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: October 4, 11, 18; 4-6 p.m.

\$84 members; \$100 nonmembers

Mark Grueber



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 1-mile walk.

Tuesday, October 4, 4-6 p.m.

\$28 members; \$34 nonmembers

David Gunn

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 storm water runoff while also creating a beautiful garden with multi-season 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, October 4, 5-7 p.m.

\$28 members; \$34 nonmembers

Allison Joyce, James Faupel, and Allison Brown

Fall in Love with Bulbs (MBG)

Are you ready for fall bulb planting? Join horticulturist Claire Krofft as she leads a practical class on gardening with bulbs, pointing out the beauty and diversity of these underground plant structures. During this outdoor class, she'll discuss design concepts, bulb physiology and horticultural techniques required for growing healthy bulbs.

Wednesday, October 5, 5-6 p.m.

\$14 members; \$17 nonmembers

Claire Krofft

Hackin' Honeysuckle and Other Invasive Plants (MBG) ONLINE

Join us for an evening of learning about why invasive plants pose a threat to our local biodiversity and natural areas, what we can be doing to stop the spread, and how ecological restoration can make a difference in our own backyards. We will discuss the most common invasive plant species in Missouri, learn how to control and maintain our natural areas, and discuss native plants to consider planting instead. This class is perfect for those who are interested in working outdoors, love nature, want to learn more about invasive plant species, and how to maintain a healthy ecosystem.

Wednesday, October 5, 5:30-7 p.m.

\$21 members; \$25 nonmembers

Allison Brown

My Favorite Things (MBG) NEW

Take a seasonal walk through the Garden. Join Sharon Lloyd as she highlights some of her favorite plants including perennials, shrubs, and grasses. Come prepared for a 2-hour walk.

1-3 p.m.

\$28 members; \$34 nonmembers

Sharon Lloyd

Fall Walk: Thursday, October 27

Winter Walk: Tuesday, February 14

or Saturday, February 25

Colorful Fall—Not Just Trees (MBG)

Don't forget about how wonderful the flowers and foliage are in the fall. Many perennials and shrubs have lovely fall color like bluestar, flowering their best like roses, or just fill that fall season gap with grass plumes and seed heads. Let's applaud the fall color that all plants give us in this wonderful walking tour before winter. Come prepared to walk outside.

Saturday, November 5, 10 a.m.-noon

\$28 members; \$34 nonmembers

Mariel Tribby

Small Space Gardening (MBG) ONLINE

Small spaces can provide big impact. We will discuss many creative ways to design a small space for beauty and function. Learn to make a small space appear larger using color, line, and form. Learn types of trees, shrubs, ground covers, and perennials that grow well in a small environment, as well as growing techniques, including vertical and container gardening.

Tuesday, January 10, noon-1 p.m.

\$14 members; \$16 nonmembers

Sharon Lloyd

Growing Annuals from Seed (MBG)

Growing annuals from seed can be an inexpensive and rewarding way to beautify your yard, patio, or balcony. Learn which annuals are the easiest to grow and the proper techniques to be successful, including soil-less media, containers, watering, lighting, and transplanting.

Saturday, January 14, 10 a.m.-noon

or Tuesday, February 7, 5-7 p.m.

or Tuesday, January 17, noon-2 p.m. ONLINE

or Thursday, February 23, 6-8 p.m. ONLINE

\$28 members; \$34 nonmembers

Sharon Lloyd

Formal Front Yard Landscaping with Native Plants (MBG) 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 having an untidy appearance. 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 the benefits to people and wildlife.

Tuesday, February 21, 5:30-7 p.m.

\$21 members; \$25 nonmembers

James Faupel

GREEN LIVING



Composting in Small Spaces— Bokashi and Vermicomposting (MBG)

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, October 19, 6:30–8 p.m.
\$35 members; \$42 nonmembers
Maggie McCoy

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. You will walk out with steps for how to reduce your impact on the environment.

Tuesday, September 27, 6:30–8 p.m.
\$10 members; \$12 nonmembers
Maggie McCoy

Bug-Friendly Lifestyle (BH) **NEW**

Sharing space with our bug friends is not always our first instinct, but there are huge benefits to sheltering some of our smallest neighbors. From the practical reward of a dragonfly's natural pest control, to the enchanting beauty of a firefly's evening light show, there's a lot to gain from making our shared spaces more bug-friendly. Learn some small actions that have big benefits for becoming better neighbors to our native bugs, as well as greener strategies for keeping out the truly unwelcome guests.

Saturday, October 15, 2–3:30 p.m.
\$21 members; \$26 nonmembers
Butterfly House staff

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's 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, November 2, 6:30–8 p.m.
\$10 members; \$12 nonmembers
Gracie Griffin

DIY Crafts for the Holidays (MBG)

Discover new ways to reuse old items with the creative staff at Perennial! Come learn how to transform common items into your next craft project. Learn about projects made with reused materials, and participants will get to make crafts of their own with an included supply kit! Explore ways to reuse year-round, and make gift bags plus other great items for the upcoming holiday season.

Tuesday, November 15, 6:30–8 p.m.
\$15 members; \$18 nonmembers
Maggie McCoy

Recycling 101 (MBG)

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, January 10, 6:30–8 p.m.
\$10 members; \$12 nonmembers
Maggie McCoy



HOW TO REDUCE YOUR TRASH

- REDUCE
- REUSE
- RECYCLE
- REFILL
- REPAIR
- RETURN

The EarthWays Center is here to help you discover green living tips and resources you can use every day.

Learn more at:
mobot.org/sustainability

GUIDED WALKS and TOURS

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

Butterfly House Insider Experience (BH)

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 closed-toe shoes are a must.

Call (314) 577-0888 ext. 2 for availability
\$75 members; \$95 nonmembers
Butterfly House staff

Private Butterfly House Tour (BH)

Enjoy exclusive access to butterflies, bugs, and botanicals! Our guide will lead your party on a thematic journey to explore all the Butterfly House has to offer. See fabulous invertebrates up close, go behind the scenes in the Entomology Lab, 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 by appointment.

Call (314) 577-0888 ext. 2 for availability
\$140 members; \$180 nonmembers
Butterfly House staff

Morning Prairie Hike (SNR)

Join us for a 2-mile hike to see our prairie in full bloom. We'll hike the hilly prairie trail loop and enjoy panoramic views of the Nature Reserve's 200-acre central prairie corridor. Learn about the history of this prairie and get to know key prairie species, like big bluestem, compass plant, sumac, bluebirds, goldfinch, deer, and more.

Thursday, September 1, 9–11 a.m.
\$10 members; \$12 nonmembers
Rachel Weller

BEHIND the SCENES

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.

Monday, September 26
or Thursday, September 29
5–7 p.m.

\$28 members; \$34 nonmembers
Greg Cadice



Wetland Walk (SNR)

Join us for a 1-mile walk on mostly flat ground to explore our wetland. We'll walk the wetland trail which takes you through this 32-acre area and includes a 300-foot boardwalk, a bird blind, a photography blind, eight ponds, and a wet meadow. Bottle gentian, bur oak, asters, bald cypress, bull frogs, green heron, box turtles, and red-winged blackbirds are a few of the plants and animals we might see.

Thursday, September 8, 10 a.m.–noon
\$10 members; \$12 nonmembers
Rachel Weller

Technology of Single Stream Recycling (MBG)

Have you ever wondered just how your recycling is separated or how a recycling center operates? Take this virtual tour of the Republic recycling center in Hazelwood and see just how amazing the process can be! The tour will include a pre-recorded tour and a live Q&A by Republic staff.

Tuesday, September 20
or Thursday, January 19
5:30–7 p.m.
\$10 members; \$12 nonmembers
Republic Recycling Center

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, September 24, 10–11:30 a.m.
\$21 members; \$26 nonmembers
Wendy Applequist

Bellefontaine Cemetery Tour (OFFSITE)

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

Saturday, October 1, 1:30–3:30 p.m.
\$28 members; \$34 nonmembers
Michael Garrett and Daniel Fuller



Garden Ghost Stories (MBG)

Experience the Garden at dusk when the spirits are alive. Hear stories of unexplained interactions on the Garden grounds with figures from the past. Bring a flashlight to add to the atmosphere of this popular offering. Be prepared for a 2-hour walk and talk.

Tuesday, October 18
or Thursday, October 20
or Tuesday, October 25
or Thursday, October 27
6–8 p.m.
\$28 members; \$34 nonmembers
Kim Petzing

Trees of Shaw Nature Reserve Hike (SNR)

Join us on our search to see 15 or more native Missouri tree species, learn their characteristics, and visit signature and old trees along this 2-mile hike. We will hike on rolling terrain with stops along the way to examine the trees.

Thursday, October 20, 1–3 p.m.
\$10 members; \$12 nonmembers
Calvin Maginel

Sculptures in the Garden (MBG)

Did you know, Henry Shaw added six sculptures to the Garden and no additional pieces were added for over 100 years? Join us for a fascinating walking tour, learn the history of our sculptures, why they are here and the talented artists that created them. Come prepared for a 1½-mile walk.

Saturday, October 22, 3–5 p.m.
\$28 members; \$34 nonmembers
Lee Ann Grush



Fall Foliage Hike (SNR)

Join us for a 2-mile hike to view the fall colors at Shaw Nature Reserve. We'll enjoy the tallgrass prairie and the overlooks along the river trail. Learn about the science behind beautiful fall colors and how to bring more fall color to your yard. Asters, big bluestem, maples, oaks, sumac, coneflowers, and more will be seen along the trail.

Wednesday, November 2, 1:30-3:30 p.m.

\$10 members; \$12 nonmembers

Rachel Weller

Cypress Stroll (SNR)

Join us for a 1-mile walk on gently rolling hills to view our stately bald cypress trees around newly renamed Cypress Lake. Fall brings a lovely orange to rust-colored hues on the needles of this deciduous conifer. As we stroll along the lake you will learn about the history of these trees, the various varieties, and unique characteristics of bald cypress. The reflection of the trees in the lake is beautiful so you'll want to bring your camera!

Thursday, November 3, 10 a.m.-noon

\$10 members; \$12 nonmembers

Rachel Weller

Evergreens of Shaw Nature Reserve Walk (SNR)

Join us for a 1-mile walk on a gently rolling trail to see white pine, juniper, holly, short-leaf pine, and more. The fresh scent of pine will greet you as we walk. You'll also learn about the history of these plantings.

Thursday, December 15, 10 a.m.-noon

\$10 members; \$12 nonmembers

Rachel Weller

Valentine's Sunset Hike (SNR)

Bundle up and watch the sunset with your sweetheart, friends, or adult family members! We'll take a 2-mile hike to enjoy the wonders of a crisp, cool, but invigorating Nature Reserve winter night. You will have the opportunity to see the constellations and planets using our telescope (weather permitting). After the hike there will be steamy hot beverages, campfires with s'mores, and a bag of treats to take home. What a unique way to say, "I love you!"

Saturday, February 11, 5:30-7:30 p.m.

\$24 members; \$29 nonmembers

Shaw Nature Reserve staff

NATURE STUDY

Wildflower Identification and Ecology (SNR)

Join Dr. James Trager for a 1-mile walk which will focus on identification, relationships, and habitats of wildflowers and native grasses of the season. Beginners as well as serious students will increase their knowledge and appreciation.

Thursday, September 8

or Thursday, September 22

or Thursday, October 6

or Saturday, October 8

9:30 a.m.-noon

\$18 members; \$22 nonmembers

Dr. James Trager



Nature Journaling is for the Birds! (SNR)

All levels. Want to learn more about our feathered friends, but not sure where to start? Join us as we explore five Nature Journaling techniques that will enhance your observations and understandings of birds. After practicing these techniques together, participants will have an opportunity to investigate the birds at Shaw Nature Reserve in a whole new and engaging way! Nature Journaling is a fun and exciting way to become a better birder and keep track of your birding experiences over the years and savor them for a lifetime! No artistic skills are needed for this program.

Thursday, September 22, 10 a.m.-noon

\$25 members; \$30 nonmembers

Angie Jungbluth



GARDENING RESOURCES

Access thousands of gardening resources in one place:

- Plant Finder
- Advice, tips, and tricks
- Visual guides
- Gardening Q&As

mobot.org/gardeninghelp

PROJECT POLLINATOR SERIES

Project Pollinator is a community oriented program that promotes an appreciation of all pollinators through education and creation of pollinator gardens. Our goal is to educate the public about the diversity of pollinators in our area, and to provide resources for growing pollinator gardens in public and private spaces.

Gotta Go to Mexico! Monarch Butterfly Migration and Tagging (BH)

Why tag monarch butterflies? Join us to learn how this citizen science project collects valuable data that helps scientists protect monarchs and their amazing migration. Pick up tips to make your yard a monarch sanctuary. The class will include a short walk in our native garden to look for monarchs and plants that support them.

Sunday, September 25, 2-3:30 p.m.

\$12 members; \$15 nonmembers

Butterfly House staff



Insect Hotel (BH)

What lodging does an insect need to survive cold winters? More than any house, an insect hotel is a resort that provides all the best amenities for beneficial bees, ladybugs, lacewings, and more. With the help of our bug experts, construct a decorative insect hotel that will provide these beneficial bugs their necessary winter lodging.

Saturday, October 22, 2-3:30 p.m.

\$26 members; \$31 nonmembers

Butterfly House staff

Putting Your Butterfly Garden to Bed (BH)

When is it safe to clean up a butterfly garden for winter? When can you cut back a butterfly host plant? How do you make a garden safe for overwintering beneficial bugs? This class will answer all of these questions and more. Come learn how to tuck your garden in for the best winter's rest.

Sunday, November 13, 2-3:30 p.m.

\$21 members; \$25 nonmembers

Butterfly House staff

A Bug's Winter Sleep (BH)

What does a butterfly do when winter's chill is upon us? Where do bees take their long winter sleep? Learn the answer to these questions and more as we explore our native bugs' winter wonderland. You will learn places in your yard where beneficial bugs bed down and discover their ingenious strategies for surviving the cold.

Saturday, December 10, 2-3:30 p.m.

\$21 members; \$25 nonmembers

Butterfly House staff

Waking Up Your Butterfly Garden (BH)

Spring has sprung, but is your garden ready? Learn how to clean up your garden for the growing season while protecting and encouraging pollinators and other beneficial bugs that share your space. Once nature's alarm clock goes off, everything gets growing...don't be late!

Saturday, February 25, 2-3:30 p.m.

\$21 members; \$25 nonmembers

Butterfly House staff



Which Raptor Is That? (SNR)

All levels. Ever see a large bird in the sky and wonder, "What kind of bird is that?" Join us as we explore Missouri's raptors including hawks, falcons, eagles, and vultures. Participants will gain a deeper understanding of these creatures, how to identify them, and how to protect and conserve them. A fun and interactive method of observing body shapes and field marks will lead the way to unlocking the mystery of who is soaring above you. After training for identification, we will take a walk to see if we can observe some of our resident and fall migrating raptors.

Thursday, September 29, 10 a.m.-noon

\$25 members; \$30 nonmembers

Angie Jungbluth

Book Club—

The Sweetness of a Simple Life (MBG)

by Diana Beresford-Kroeger
Join Education Staff at the Garden for a nature-based book club. Diana Beresford-Kroeger's book shares advice for achieving better health and peace of mind, with simplicity and pleasure not far behind.

Thursday, October 13, 10-11 a.m.

\$12 members; \$14 nonmembers

Therapeutic Horticulture Staff

Owls of Missouri (MBG) ONLINE

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. Brenda will give her recommendations on where to look for owls in our area and what clues to look for as well.

Tuesday, January 10, 6-8 p.m.

\$28 members; \$32 nonmembers

Brenda Hente

Winter Tree I.D. for Beginners (SNR)

Learn to identify a tree without the leaves! We will begin indoors viewing different tree bark, branching, coloration, buds, and more. A short hike through the woods to test your knowledge will follow. By the end of the program you'll be able to easily identify a minimum of 10 native trees.

Thursday, February 16, 10 a.m.-noon

\$10 members; \$12 nonmembers

Rachel Weller

A Path to Inspirational Journaling—

Sketch to Learn, Write to Remember (MBG)

How do you preserve the moment when you find yourself in a place that has so much to offer your senses? Bring that experience more alive through sketching and writing. In this series of classes, learn how to build a journaling practice while expanding your sketching and writing skills. Exercises and discussion will be designed to develop meaningful techniques while visiting various areas of the Garden grounds. Come prepared for a 1-mile walk.

3 Tuesdays: September 13, 20, 27; 9:30-11 a.m.

\$26 members; \$32 nonmembers

Jeanne Carbone and Judy Cobillas

PHOTOGRAPHY

MISSOURI BOTANICAL GARDEN



Photography Boot Camp I (MBG)

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.
4 Tuesdays: September 6, 13, 20, 27
9:30 a.m.–noon
\$140 members; \$168 nonmembers
Scott Avetta

Photography Boot Camp II (MBG)

Beginner/Intermediate. 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. Understanding what lens to use based on the light and conditions can be a big step in taking your images to the next level. During our photo shoots in the garden, Scott will spend individual time with each photographer.
3 Tuesdays: October 18, 25; November 1
9:30 a.m.–noon
\$70 members; \$84 nonmembers
Scott Avetta

Photographing Landscapes and Cityscapes (MBG) NEW

All levels. Learn how to create more dramatic landscapes in the field. We will find several areas that emphasize foreground, midground, and background. By adding the elements of layers, shape, and leading lines we will add depth to the image. In addition we will discuss the importance of selecting an interesting foreground that creates balance. A tripod and polarizer are helpful, but not necessary.
Wednesday, September 7, 5–8 p.m.
\$42 members; \$50 nonmembers
Scott Avetta

Photographing Water Lilies (MBG)

All levels. Get special access to evening light during restricted hours and photograph water lilies. During this field session we will discuss how to get better images using anything from wide angle to a close-up perspective. You will learn tips on subject selection and how light plays a significant role in your photography. Tripods will be allowed.
Thursday, September 8, 4:30–7:30 p.m.
\$42 members; \$50 nonmembers
Scott Avetta

Photographing Water (MBG) NEW

Intermediate. Fountains, streams, and reflecting pools surround us, but do we really take time to study them? During this photo walking tour we will focus on several water features and receive tips on how to take the image to the next level. From adjusting shutter speed to working on details and changing angles we will work on new ways to photograph water that can be used on this outing or on your next journey. A polarizer and tripod are helpful, but not necessary.
Thursday, September 29, 9:30 a.m.–noon
\$35 members; \$42 nonmembers
Scott Avetta

Fall Photography in the Japanese Garden (MBG)

All levels. This hands-on class will concentrate on the beauty of the Japanese Garden during the fall season. Increase your understanding of lighting, composition, and exposure compensation and apply them in the field. Participants should have a basic understanding of the camera and the key features. We plan on spending as much time in the field as the weather allows. To learn camera knowledge consider taking Simplifying Your Camera.
Monday, September 19, 9:30 a.m.–noon
\$35 members; \$42 nonmembers
Scott Avetta

Capturing Fall Photography (MBG)

All levels. During this photographic outing we will concentrate on the peak areas of the Garden. We will increase your understanding of lighting, color, and composition based on subject selection and apply them in the field. Participants should have a basic understanding of the camera and its key features. Standard lenses are all you need. A polarizer is helpful, but not necessary.
Wednesday, October 19, 9:30 a.m.–noon
\$35 members; \$42 nonmembers
Scott Avetta

Photographing Trees (MBG)

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, October 28, 9:30 a.m.–noon
\$35 members; \$42 nonmembers
Scott Avetta



BEHIND THE SCENES

Teahouse Island Photography (MBG)

All levels. Get rare access to this special non-public space where we will photograph the neutral tone and simple beauty of *Nakajima*, or Teahouse Island, and its limitless patterns and shapes. Slow down, relax the mind, and see what is in front of you. The creative possibilities are endless. As the light changes, so do the images. Space and gear will be limited for this special place!
Wednesday, November 2, 9 a.m.–noon
\$52 members; \$62 nonmembers
Scott Avetta

Capturing the Garden Glow Basics (MBG)

Beginner/Intermediate. Influenced by the Garden's global reach, Garden Glow will celebrate the holiday season with the colors of the world in brilliant light and interactive fun. With tips and tricks from your professional photography instructor, you will take wonderful photos of the Garden filled with light. Class fees include admission to the event after the 2½-hour class with half-hour early access and 2-hour with public photo shoot. The use of a tripod is highly recommended.
Tuesday, November 29
or **Wednesday, December 7**
4:30–7 p.m.
\$53 members; \$60 nonmembers
Scott Avetta

SHAW NATURE RESERVE

Star Trails Photography (SNR)

Intermediate. Participants are expected to know their camera menus to make adjustments in dark locations and basic photo editing skills. Did you know stars are colorful? Learn to reveal the true color of stars creating star trail photographs in a beautiful Shaw Nature Reserve setting with Lonnie Gatlin. The class will cover how to plan, shoot, and process star trail photos using Adobe Lightroom Classic CC and Photoshop CC.

Saturday, September 24
or Saturday, October 22
or Saturday, November 26

6–9 p.m.
\$70 members; \$84 nonmembers
Lonnie Gatlin

Capturing Fall Colors (SNR)

Beginner. Join Scott Avetta to capture fall foliage in the woodland and fall blooms in the prairie. We will review some of the key functions on your camera for better results, discuss subject selection, light, and composition. Add and apply what you learn in the field as we end with shooting.

Saturday, October 22, 7:30–10:30 a.m.
\$55 members; \$66 nonmembers
Scott Avetta

Fall Cypress Colors Photography (SNR)

Beginner to intermediate. Capture the beautiful rust-colored hues of the bald cypress trees surrounding our Cypress Lake. The view of the cypress trees reflected in the lake makes for a stunning photo. Limited walking on fairly flat terrain.

Friday, November 4; 7:30–10:30 a.m.
\$55 members; \$66 nonmembers
Scott Avetta

Light + Discovery Workshop (SNR)

All levels. Light is our language. Direction, color, and quality of light impact images in powerful ways. Dan Dreyfus's Light + Discovery Photo Workshops enhance participants' understanding of light while exploring ways to deepen our perception of and connection to the subject. The workshop will be divided into two parts. Following the presentation on light, workshop participants will be challenged with a series of photo exercises in the field. The second part of the workshop will include a presentation on methods to look and to see the subject on a level deeper than surface impressions. Again participants will continue with photography in the field applying concepts presented. The workshop includes one day of photography presentations, instruction, and shooting in the field. Participants should have a working knowledge of their camera and concepts such as aperture, ISO, and shutter speed.

Saturday, November 5; 8:30 a.m.–3:30 p.m.
\$110 members; \$132 nonmembers
Dan Dreyfus

BUTTERFLY HOUSE

Shutterbug Saturdays (BH)

All levels. 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, September 3, 8–9 a.m.

or Saturday, October 1
or Saturday, November 5
or Saturday, December 3
or Saturday, February 4
9–10 a.m.

\$8 members; \$10 nonmembers



Insect Photography (BH)

Beginner/Intermediate. Photograph insects and arachnids not on display to the public! Use artificial lighting selected by professional photographer Scott Avetta to highlight these unique subjects indoors. Discuss camera settings for working with subjects in a controlled environment and apply this knowledge for truly unforgettable photos. Subjects may include praying mantises, beetles, tarantulas, walking sticks, and others. A tripod and remote cable release are recommended for this class. Designed for adults only.

Thursday, October 20, 5:30–8 p.m.
\$43 members; \$51 nonmembers
Scott Avetta

Blue Morpho Photography (BH)

All levels. This class offers the special privilege of taking photographs with an instructor in a before hours, photographer-only class. More than 1,000 Blue Morpho butterflies fill our Tropical Conservatory during this event, and their beauty makes them wonderful photography subjects. Gain rare access to the Butterfly House to take photos with professional assistance using a tripod. Participants should have a basic understanding of their camera's features.

Monday, February 27, 9:30 a.m.–noon
\$43 members; \$51 nonmembers
Scott Avetta



GIVE THE GIFT *of the* GARDEN

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WELL-BEING: MIND and BODY CONNECTIONS



Shaw Nature Reserve Hiking Club (SNR)

Enjoy hiking on your own or with friends and choose your own day and time each week that works for you! A new 1½–2-mile hike will be featured weekly. A map with directions and photos of what's in bloom along the trail will be emailed each Monday and a paper copy will be available as well in our Visitor Center. This hike is self-guided but our Visitor Center staff will be happy to help answer questions when you arrive. Complete all the hikes to earn a patch!

September 5–October 31

Come at your own time weekly during

Shaw Nature Reserve Hours

Free for Members; \$45 nonmembers

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 so 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 planet's alignment. Become attuned to your vibrational interaction with the universe's energy.

Saturday, September 10

or Sunday, October 9

6–7:15 p.m.

\$15 members; \$18 nonmembers

Barbie Benetin

Morning Stroll (SNR) **NEW**

Hike 2–3 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.

6 Wednesdays: September 7, 21; October 5, 19;

November 2, 16; 10–11:30 a.m.

\$36 members; \$43 nonmembers

Rachel Weller

Winter Morning Stroll (SNR) **NEW**

Enjoy a 2–3 mile hike in the winter landscape. Even though it's cold, the scenery is beautiful. We'll see tracks, evergreens, icicles, and possibly snow.

4 Wednesdays: December 7; January 4, 18;

February 8

10–11:30 a.m.

\$24 members; \$28 nonmembers

Rachel Weller

Mindfulness in the Garden (MBG)

Each week we'll focus on a sense allowing you to see, touch, smell, and hear the Garden. Enrich your appreciation through guided relaxation, listening, and mindful walking. Quiet your mind deepening your connection to nature. Dress for the weather and come prepared for a short walk.

4 Thursdays: September 8, 15, 22, 29

9:30–11 a.m.

\$84 members; \$100 nonmembers

Rhonda Leifhei

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. Meet at the Cohen Amphitheater.

Sunday, September 11

or Sunday, September 18

or Sunday, September 25

or Sunday, October 2

9:30–10:30 a.m.

\$14 members; \$16 nonmembers

Katy Mike Smaistrila

Morning of Hiking (SNR)

Hike 3½–4 miles on dirt, gravel, and grass trails through woodland, prairie, wetland, and river bottom trails. We will stop occasionally along the hike to identify what's in bloom and wildlife that we see. With 17 miles of trails there will be a lot to see as we hike.

6 Wednesdays: September 14, 28;

October 12, 26; November 9, 30

10–11:30 a.m.

\$36 members; \$43 nonmembers

Rachel Weller

Winter Morning of Hiking (SNR) **NEW**

Enjoy a 3–4 mile hike in the winter landscape. Even though it's cold, the scenery is beautiful. We'll see tracks, evergreens, icicles, and possibly snow.

6 Wednesdays: December 14, 21;

January 18, 25; February 1, 15

10–11:30 a.m.

\$36 members; \$43 nonmembers

Rachel Weller

Nature Mandalas (MBG)

Explore the practice of creating nature mandalas with Therapeutic Horticulture staff. While gathering natural materials, we will learn how to use the practice to promote relaxation, explore the concept of impermanence, and deepen our connection to the natural world. Session includes creating a nature mandala outdoors, as well as a kit to take home to create a more permanent mandala.

Thursday, September 15, 5–7 p.m.

or Tuesday, October 25, 10–11 a.m.

\$20 members; \$24 nonmembers

Therapeutic Horticulture Staff



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 2½-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 ½ 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!

Saturday, September 17, 9–11:30 a.m.

or Wednesday, September 21, 5–7:30 p.m.

\$28 members; \$34 nonmembers

Jo Pang

Autumn Equinox and New Moon Yoga (SNR)

Celebrate the autumn equinox as you stretch, rejuvenate, and build muscle strength during this yoga session that is offered during the new moon on the first day of autumn. 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 darkness in the sky and is the beginning of the next lunar cycle and allows oneself to reflect on new beginnings. Learn how to tap into the energy of the moon phases and the planet's alignment. Become attuned to your vibrational interaction with the universe's energy.

Friday, September 23, 6–7:15 p.m.

\$15 members; \$18 nonmembers

Barbie Benetin

Well-Being continued...

Welcome Walk (SNR)

Get to know the Nature Reserve on this 1½–2 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, September 29
or Thursday, October 20
or Thursday, November 10
10–11:30 a.m.

\$10 members; \$12 nonmembers
Shaw Nature Reserve staff

Journey to Well-Being Basics (MBG)

This intentional walking program is designed to experience the calming, restorative powers of nature. The program includes an initial meeting and tour of the Japanese Garden, with instruction to assist you with the remaining 7 self-guided walks to take on your own. The guide book provides suggested pauses for each walk, intended to increase awareness and encourage time for reflection.

Thursday, October 27, 4–6 p.m.
or Thursday, November 3, 10 a.m.–noon

\$70 members; \$84 nonmembers
Therapeutic Horticulture Staff



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

discoverandshare.org



OUTDOOR ADVENTURES

FOR ADULTS, YOUTH, AND FAMILY



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! Cancelled if raining.

Sunday, September 25, 8:30–9:30 a.m.
\$10 members; \$12 nonmembers
Karen Bryan

Autumn Equinox Evening Hike for Adults (SNR) NEW

For adults. Join us for this 2-hour stroll through early evening and into the early night to celebrate the first day of fall. 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 fall 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 crescent moon makes the journey to the Nature Reserve worth the time spent. This hike will cover roughly 2 miles over uneven ground.

Friday, September 23, 6:30–8:30 p.m.
\$10 members; \$12 nonmembers
Shaw Nature Reserve staff

Canopy Climb

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

12:30–2:30 p.m. or 3–5 p.m.
\$38 members; \$45 nonmembers
Vertical Voyages

at the Missouri Botanical Garden
Saturday, September 10
or Sunday, September 11
or Saturday, October 1
or Sunday, October 2

at Shaw Nature Reserve
Saturday, September 17
or Sunday, September 18

Sign up online at mobot.org/classes.



Follow us on Social Media!

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

River Trail Hike (SNR)

For adults. Join us for a 2-mile hike on the Rus Goddard River Trail which will take us along a ridge, down to a gravel bar on the Meramec River, and back up again. The Meramec River, like other Ozark rivers, has created the unique spectacular bluffs, scenic valleys and hills that we will visit as we hike. We'll also pass through glades, woodland, and bottomland river woodland where we are sure to see a variety of plants and animals such as paw paw trees, sycamore trees, woodpeckers, and more.

Thursday, November 17, 10 a.m.–noon
\$10 members; \$12 nonmembers
 Rachel Weller

Full Moon Sunset Hike for Adults (SNR)

For adults. 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 winter evening at Shaw Nature Reserve. Participants will learn a bit about what is up in the night sky and also about the 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, February 5, 4:30–6:30 p.m.
\$10 members; \$12 nonmembers
 Shaw Nature Reserve staff



Instagram

@mobotgarden
 @butterflyhousestl
 @shawnaturereserve



Facebook

@missouribotanicalgarden
 @butterflyhousestl
 @shawnaturereserve



Twitter

@mobotgarden
 @butterflyhse
 @shawnature

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

PLEASE NOTE: Little Sprouts, Little Nature Explorers, Little Bugs, and Garden Buds 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)

Learn about plants and nature with your toddler. Each session includes indoor, hands-on activities, songs, stories, snacks, and a walk in the Garden.

Fall Series (MBG)

During this 6-week series this fall we will search for the Garden’s full-time residents— insects, birds, and furry friends.

**6 Mondays: September 19, 26;
 October 3, 10, 17, 24
 or 6 Tuesdays: September 20, 27;
 October 4, 11, 18, 25
 10–11:30 a.m.**
\$90 members; \$108 nonmembers
 Kelly Wehrheim

Winter Series (MBG)

During this 4-week series this winter, we will learn about how the Garden changes when snow is on the way.

**4 Mondays: November 21, 28; December 5, 12
 or 4 Tuesdays: November 22, 29;
 December 6, 13
 10–11:30 a.m.**
\$60 members; \$72 nonmembers
 Kelly Wehrheim

LITTLE BUGS (ages 2–4)

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.
\$12 members; \$15 nonmembers
 Butterfly House staff

Session 1 or 2 (BH)

**Monday, September 12
 or Monday, September 19
 or Monday, October 3
 or Monday, October 10
 or Monday, November 7
 or Monday, November 14
 or Monday, December 5
 or Monday, December 12
 or Monday, February 6
 or Monday, February 13**
9:30–10:30 a.m. or 11 a.m.–noon

Session 3 (BH)

**Tuesday, September 13
 or Tuesday, September 20
 or Tuesday, October 4
 or Tuesday, October 11
 or Tuesday, November 8
 or Tuesday, November 15
 or Tuesday, December 6
 or Tuesday, December 13
 or Tuesday, February 7
 or Tuesday, February 14**
11 a.m.–noon

Nature Artists (BH)

Ages 2–5. Awaken the inner artist in your little one, and let nature be the guide as we embark on several creative art projects together. Using our Tropical Conservatory and Native Garden as inspirations, your mini Monet will sample different mediums for creative expression, and learn about our natural world in the process.

Sunday, February 12, 2–3 p.m.
\$25 members; \$31 nonmembers
Butterfly House staff

LITTLE NATURE EXPLORERS
 (ages 3–5)

Early childhood peer interaction is key to early development. Each month has a different nature-based theme, hands-on activities, story time, native seeds to take home, and outdoor exploration (weather permitting). Price per child, per class. One adult per child. Take one class or take them all. All materials provided. Come prepared for a short walk.

9:30–11 a.m.
\$12 members; \$15 nonmembers
Shaw Nature Reserve staff

Butterflies in the Garden (SNR)
Tuesday, September 13

Using Our 5 senses (SNR)
Tuesday, October 4

Going on a Hike (SNR)
Tuesday, November 1

Super Bugs (BH)

Ages 4–6. 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.

Saturday, September 17
or Saturday, October 15
or Saturday, November 19
or Saturday, December 10
or Saturday, February 18

10–11 a.m.
\$12 members; \$15 nonmembers
Butterfly House staff

GARDEN BUDS (ages 4–6)

Discover the amazing world of plants with your preschooler in Garden Buds! Register by September 2, 2022, for three or more Fall Garden Buds classes and your child will receive a t-shirt!
\$16 members; \$19 nonmembers
Price per child, per class; 1 adult free per child
Thursdays | Kelly Wehrheim
or Sunday | Sharon Lloyd

Under the Garden (MBG)

Does your preschooler like to dig? Learn about life under the Garden using magnifying lenses as we investigate life in the soil.
Thursday, September 8, 10–11:30 a.m.
or Sunday, September 11, 1–2:30 p.m.

Peek at a Pond (MBG)

Have you ever wondered why some plants can live in the water or what animals live in and around the pond? Come along as we explore some of the plants and animals that call the pond their home.
Thursday, September 22, 10–11:30 a.m.
or Sunday, September 25, 1–2:30 p.m.

Beautiful Bamboo (MBG)

Learn about the many uses of bamboo and create a sumi-e painting!
Thursday, September 29, 10–11:30 a.m.
or Sunday, October 2, 1–2:30 p.m.

Leaf Giants (MBG)

Learn about the giant trees and their giant leaves as the Garden settles in to fall.
Thursday, October 20, 10–11:30 a.m.
or Sunday, October 30, 1–2:30 p.m.

Cheer for Chocolate (MBG)

Yeah for Chocolate! Join us to study and sample this favorite tropical treat.
Thursday, November 3, 10–11:30 a.m.
or Sunday, November 6, 1–2:30 p.m.

Plants for Presents (MBG)

Create potted gifts for the holiday season and enjoy the Garden during the winter!
Thursday, December 8, 10–11:30 a.m.
or Sunday, December 11, 1–2:30 p.m.

THE GROWING YEARS (ages 6 and up)



GREAT GREEN ADVENTURES
 (ages 6–12)

Sign up now to explore a special area of the Garden. Price per child, one adult per 3 children. Younger siblings may attend. Registration is required.
10:30–11:30 a.m. or 1:30–2:30 p.m.
Free for members; \$3 nonmembers
Kelly Wehrheim

Weather Watchers (MBG)

Join us as we observe and identify changes in the weather and how this seasonal change affects the plants in the Garden.
Saturday, September 17

Signs of Fall (MBG)

It's beginning to look like fall, let's explore the Garden and look for colorful fall leaves to paint using watercolor.
Saturday, October 15

Preparing for Winter (MBG)

Winter will soon be approaching, let's search the Garden and discover what the plants and animals do to prepare for winter.
Saturday, November 19

Art in the Garden (MBG)

Join us as we search for sculptures, mosaics, and other art in the Garden.
Saturday, December 17

Bird Friendly Gardens (MBG)

Most of the birds have migrated, but some stay here all year. Join us as we search the Garden for birds and learn what makes the Garden bird friendly.
Saturday, January 21

Evergreen Trees (MBG)

Why do some trees leaves stay green all winter? Join us as we explore the Garden and learn about which trees stay green and why.
Saturday, February 18



Bugs Rock! (BH)

For ages 6–8. You're invited to join us for a rockin' good class! 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.
10–11 a.m.
\$12 members; \$15 nonmembers
Butterfly House staff

Sunday, September 18
or Sunday, October 16
or Sunday, November 20
or Sunday, December 11
or Sunday, February 19



BUDDING SCIENTIST (ages 6–12)

Join us 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. Registration is required.

10–11:30 a.m. or 1–2:30 p.m.
Free for members; \$3 nonmembers
Price per child, per class;
1 adult free per 3 children
Younger siblings may attend.
Kelly Wehrheim

Fall into Phenology (MBG)

Join us as this fall as we explore the plants and animals getting ready for the winter.

Friday, September 9
or Friday, September 16
or Friday, September 23
or Friday, October 7
or Friday, October 14
or Friday, October 21

Celebrate Urban Birds (MBG)

Join us as we celebrate birds by observing them and the plants they use during the winter.

Tuesday, December 20
or Wednesday, December 21
or Thursday, December 22
or Tuesday, December 27
or Wednesday, December 28
or Thursday, December 29

BUDDING ARTIST (ages 6–12)

Join us each season as we explore nature by making a seasonal nature journal of your very own or learn 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.

1–3 p.m.
\$20 members; \$24 nonmembers
Price per child, per class; adult free per child
Kelly Wehrheim

Egg Carton Collection Journal (MBG)

This fall we'll make an egg carton collection journal. Then we'll use our journals in the Garden to make some new discoveries.

Sunday, September 18

Andy Goldsworthy (MBG)

Join us as we learn about Andy Goldsworthy and the natural sculptures he makes, then make a small one of your own.

Sunday, October 16

Outdoor Sketchbook (MBG)

This winter we'll make an outdoor sketchbook, then take our sketchbooks and explore the Garden.

Sunday, December 4

Garden Sculptures (MBG)

Join us as we search the Garden for sculptures. Then we'll draw a few sculptures using sketching and drawing pencils.

Sunday, February 5

Special Behind the Scenes Opportunity!

Keeper for a Day (BH)

Ages 8–17. 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.

Call (314) 577-0888 ext. 2 to schedule
\$100 members; \$120 nonmembers
Butterfly House staff

Cocoa and Canvas (BH)

Ages 7 and up. Art for the whole family! You and your petite Picassos are invited to enjoy an afternoon of cocoa and warm colors. After an inspirational stroll through our butterfly-filled Tropical Conservatory, follow along as our instructor helps coax a colorful butterfly to appear on your canvas, one pigment at a time.

Sunday, December 4, 2–4 p.m.
\$32 members; \$38 nonmembers
Butterfly House staff

**Flowers and Friends—
Bug-Friendly Container Garden (BH)**

For families with children age 6 and up. Create a planter with your family that's good for your local bugs too! Using fall annuals and a mini insect hotel, dress up your porch or patio with a spot that gives a splash of autumn color before yielding to a cozy winter shelter for your local ladybugs and bees.

Saturday, September 10, 2–3:30 p.m.
\$45 members; \$54 nonmembers
Price per family, 3 person max
Butterfly House staff

Fall Container Garden Monarch Pit Stop (BH) NEW

For families with children age 6 and up. Create a planter with your family that's good for monarchs and other local bugs too! Using fall annuals and a mini insect hotel, dress up your porch or patio with a spot that gives a splash of autumn color before yielding to a cozy winter shelter for your local ladybugs and bees.

Sunday, September 18, 2–3:30 p.m.
\$45 members; \$54 nonmembers
Price per family, 3 person max
Butterfly House staff



Show Me Nature Explorer Packs

Looking for new ways to explore nature with the littles in your life? A themed Show-Me pack, filled with activities for nature investigations, is just what you're looking for! Perfect for ages 6–10.

mobot.org/childrensgarden



FAMILY PROGRAMMING

SHAW FAMILY ADVENTURES (ages 3–10)

For families with children ages 3–10 with 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 Nature Reserve.

Full Moon Sunset Hike (SNR)

Hear a story, explore the Whitmire Wildflower Garden with a scavenger hunt as we hike and watch the sunset, hear what is viewable in the night sky, and test your senses with activities and make a craft to take home.

Sunday, October 9, 6–7:30 p.m.

\$7 members; \$9 nonmembers

Shaw Nature Reserve staff

Falling Leaves (SNR)

Learn what happens in fall—leaves changing color, cooler temperatures, animals gathering fruit and nuts for their winter den, and more. Then we will hike around the upper River Trail on a scavenger hunt to find the signs of fall. We'll do hands-on activities and a craft along the hike. Majority of the class time will be spent outdoors.

Thursday, October 13, 10–11:30 a.m.

\$10 members; \$12 nonmembers

Rachel Weller

Groundhog Day Hike (SNR) **NEW**

Celebrate Groundhog Day by learning what happens when winter changes to spring, hear a story, and discover what animals sleep or stay awake during the winter. Then we will hike around the upper River Trail on a scavenger hunt to find the signs of spring and wildlife. We'll do hands-on activities and a craft indoors after the hike.

Thursday, February 2, 10–11:30 a.m.

\$10 members; \$12 nonmembers

Rachel Weller

Think About Tables Workshop (SNR)

Ages 5 and older. Create a unique little table from honeysuckle with your family (ages 17 and older can make one by themselves). 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. All materials provided (honeysuckle and tools and safety protective gear).

Saturday, October 15

or Saturday, November 12

9 a.m.–3 p.m.

\$40 members; \$48 nonmembers

Dale Dufer

Gourmet Grubs (BH)

For all ages! Buzz on over to the Butterfly House for a cultural food adventure like no other! Through a 3-course mini-tasting (edible bugs optional), you will discover just how important insects are to our favorite foods.

Join our bug culinary expert for a unique opportunity to expand your palate. You may be surprised by how many bugs you can stomach!

Saturday, October 22, 5–6:30 p.m.

\$21 members; \$25 nonmembers

Butterfly House staff

Bugoween Mask Making (BH)

For all ages. Be the coolest bug at the ball in a new insect mask! Whether you choose butterfly, beetle, or mantis, you'll be celebrating Bugoween in style. Meet live insects that can teach you the tricks of their trade, and go home with the treat of your own handmade mask.

Sunday, October 23, 2–3:30 p.m.

\$21 members; \$25 nonmembers

Butterfly House staff

Rise and Shine with Butterflies (BH)

For all ages. Begin your day with the unforgettable experience of sending a newly emerged butterfly on its first flight in our Tropical Conservatory. Participants will enjoy early access to the Butterfly House and a seasonal breakfast snack. Ages 2 and under free.

Saturday, October 8

or Saturday, November 12

or Saturday, February 11

9–10 a.m.

\$10 members; \$12 nonmembers

Butterfly House staff



Family Fairy Garden (BH)

For all ages. Enter the world of fairy gardening and let your imaginations guide you to create a whimsical miniature garden! Learn how to choose the best mini plants, creative containers, and miniatures—from fairies to furniture. We will take a photo tour of the fairy gardens at the Butterfly House for inspiration, then return to the classroom to create our gardens.

Saturday, November 12, 2–3:30 p.m.

\$45 members; \$54 nonmembers

Butterfly House staff

Fantastic Bugs and Where to Find Them (BH)

For all ages. Take a magical walk around the Butterfly House Native 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.

Sunday, September 4

or Monday, September 5

2–3 p.m.

\$3 member adults, \$3 member children, \$11 nonmember adults, \$8 nonmember children
Butterfly House staff

BECOME A MEMBER

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

There are 3 easy ways to become a member today:



Online at
[mobot.org/
membership](http://mobot.org/membership)



Email us at
[membership@
mobot.org](mailto:membership@mobot.org)



Give us a call at
(314) 577-5118

Plus, receive this year's member-exclusive FREE gift to you!*



* While Supplies Last

BUTTERFLY HOUSE

S'mores Galore

Graham-parents Celebration (BH)

We're celebrating Grandparent's Day at the Butterfly House! Bring the whole family to enjoy fun crafts and activities, including making a sweet s'mores snack!

**Sunday, September 11,
11 a.m.–noon or 1–2 p.m.**

\$12 members; \$14 nonmembers

Evelyn E. Newman Founder's Day Celebration (BH)

Join us as we celebrate the day the Butterfly House first opened our doors, 24 years ago, with free admission! Learn about our founder, Evelyn E. Newman, while surrounded by thousands of free-flying tropical butterflies.

Friday, September 16, 10 a.m.–4 p.m.

Free for members and nonmembers

OwltoberFest (BH) **NEW**

Whoop flies at night and has very large eyes? Owl butterflies of course! Help us celebrate our favorite nocturnal aviators, scaled and feathered, at this sunset festival. Spy owl butterflies in our Tropical Conservatory, learn about their avian twins, and join fun activities that capture the autumn spirit. Food and drink available for purchase.

Friday, September 30, 6–8 p.m.

\$12 members; \$15 nonmembers

Wicked Wings and Wine (BH)

Join us for happy hour at the Butterfly House to celebrate the spirit of Halloween. As twilight approaches, sample local brews and wines while you learn about our owl butterflies, which are most active at dusk. Plus, encounter other spook-tacular live animals featured at the event. Take a stroll through the torch-lit garden and enjoy festive music.

Friday, October 14, 5:30–7:30 p.m.

\$25 members; \$30 nonmembers

Ages 21+; Advance reservations required

BOOterfly House (BH)

This October, slink on over to our family-friendly house of insect fun! Join Professor von Flytrapp and friends as they celebrate all things spooktacularly hair-raising! Face frightful friends in the Creepy Crawly Cave, watch out for Botanicals Gone Mad in our Tropical Conservatory, and spy on spectacular spiders with the Muffet Family. Creep on over as Butterfly House becomes the BOOterfly House!

Tuesday–Sunday, October 1–30, 10 a.m.–4 p.m.
Included with admission

Bug Ball (BH)

Step into the wonder and beauty of butterflies, insects, spiders, and their other many-legged friends! Your little bugaboos will be able to play games, create spook-tacular crafts, and take home lots of loot after they visit our many Treat Houses. Spy on amazing owl butterflies, which are only active during dusk and dawn.

Saturday, October 29, 5:30–7:30 p.m.

\$12 members; \$14 nonmembers

Winter Jewels An Enchanted Celebration (BH)

Escape the cold as the Butterfly House magically transforms during Winter Jewels! Enjoy the Tropical Conservatory filled with elaborate fairy gardens, home to the guardians of our jewel-toned butterflies. Discover the world of many colors that can be found in nature.

November 25–December 31, 10 a.m.–4 p.m.

Included with admission

Supper with Santa (BH)

Before his big trip, Santa is stopping by the Butterfly House! Enjoy a delicious dinner and take night strolls through our Tropical Conservatory. Santa's Workshop stations will offer children the chance to make fun crafts. After dinner, visit Mrs. Claus' Cookie Kitchen for cookies and cocoa. The evening would not be complete without getting a souvenir picture with the guest of honor—Santa!

Saturday, December 10

or Sunday, December 11

or Saturday, December 17

or Sunday, December 18

5:30–7:30 p.m.

\$20 members; \$25 nonmembers

Morpho Mardi Gras (BH)

Bring your entire krew to Morpho Mardi Gras, at the Butterfly House! This family-friendly carnival will have you immersed in “the blues” as the Butterfly House floods the Tropical Conservatory with a sea of blue morpho butterflies. Learn about legendary blues musicians as you stroll through the tranquility of the tropics. Join the party with the “Bugs on Parade” floats, make a masquerade mask, and help inaugurate the season with these majestic creatures.

January 31–February 21, 10 a.m.–4 p.m.

Included with admission

Won't You Be My Galentine? (BH)

Calling all ladies! It's that time of year when we celebrate sisters before misters. Grab your best gal pals and head over the Butterfly House for Won't you Be My Galentine? Enjoy a wide variety of wines, refreshments, and desserts. Explore our one-of-a-kind conservatory, with our free-flying butterflies.

Friday, February 10, 5:30–7:30 p.m.

\$25 members; \$30 nonmembers

Adults 21+

Friday Night Flights (BH)

If you can't travel to NOLA for Mardi Gras, then celebrate like a member of the Krew of Morpheus at the Butterfly House! Dine on appetizers and experience wines and other libations, from local vendors, in the midst of jazz music.

Friday, February 17, 5:30–7:30 p.m.

\$25 members; \$30 nonmembers

Adults 21+; Advance reservations required

SHAW NATURE RESERVE

Fall Wildflower Market (SNR)

Shop from a wide selection of Missouri native wildflowers, grasses, shrubs, vines, sedges, and trees suitable for all soil, moisture, and light requirements grown by local nurseries in the metro St. Louis area. Look for online order details and a full list of participating vendors in early fall 2022.

Friday, September 9, 3–7 p.m.

Included with admission

Leaves and Seeds Fall Fun Run (SNR)

Run through the fall foliage and fields of prairie seeds this October in the Leaves and Seeds Fall Fun Run 5K (3.1 miles)! Geared towards first-time and seasoned trail runners. All registrants will receive a race packet including a t-shirt and a Missouri native seed packet. Register by September 15 to receive your preferred t-shirt size.

Saturday, October 15, 9–11 a.m.

\$30 members; \$40 nonmembers

Shaw Nature Reserve Annual Art Show (SNR)

Boutique show of St. Louis area artists at Shaw Nature Reserve. Featured artwork includes glass, ceramic, wood, and metal sculpture, painting, folk art, paper, photography, jewelry, basketry, fibers, and more on display and available for purchase throughout the rustic cabins at the Dana Brown Overnight Center.

Saturday and Sunday, November 5–6

10 a.m.–4 p.m.

\$5 per member vehicle;

\$10 per nonmember vehicle

Whitmire Wonderlights (SNR)

Usher in the holiday season with a luminary-lit stroll through the Nature Reserve's Whitmire Wildflower Garden. Enjoy this rare opportunity for a self-guided walk (less than 1 mile) at the Nature Reserve on a wintery evening. Learn how to create a botanical-inspired luminary and enjoy winter delights under the starlight all surrounded by the glow from hundreds of luminaries.

Friday–Saturday, December 9–10, 5:30–9 p.m.

\$10 members; \$2 member's children;

\$12 nonmembers; \$4 children 12 and younger

Advance reservations required

MISSOURI BOTANICAL GARDEN

Visit mobot.org/events for updates and information about events!

INDEX BY LOCATION

MISSOURI BOTANICAL GARDEN

Advanced Tree I.D.12
 An Evergreen Holiday Wreath6
BECOME A GREAT GARDENER
 Back to Basics Garden Bootcamp9
 Low-Maintenance Perennials9
 Plants for Multi-season Interest Walk9
 Putting Your Garden to Bed Walk9
 Behind the Scenes: Capturing the Garden Glow Basics23
 Behind the Scenes: Teahouse Island Photography23
 Book Club—*The Sweetness of a Simple Life*21
 Botanical Card Making and Its History4
 Budding Artist34
 Budding Scientist34
 Canopy Climb Session29
 Capturing Fall Photography23
 Colorful Fall—Not Just Trees13
 Composting in Small Spaces—Bokashi
 and Vermicomposting14
 Creating a Sensory Garden11
 Creative Flower Arranging—Fill Your Vase4
 The Creative Watercolorist8
 DIY Crafts for the Holidays14
 DIY Herb Drying4
 Easy Tree I.D.11
 Evergreen Holiday Door Swag6
 Evergreen Holiday Porch Pot5
 Fall Gardening Tips from the Plant Doctor11
 Fall in Love with Bulbs12
 Fall in the Japanese Garden23
 Garden Buds Fall32
 Garden Ghost Stories17
 The Garden in Watercolor8
 Garden Yoga27
 Great Green Adventures33
 Green Burial—A Better Way to Go14
 Growing Annuals from Seed13
 Historic Trees of the Garden12
 Home Landscape Design11
 Journey to Well-Being Basics28
 Little Sprouts31
 Living Pumpkin Arrangement with Succulents4
 Make Your Own DIY Personal Care Products6
 Mindfulness in the Garden26
 My Favorite Things13
 Nature Mandalas27
 Painting from Nature Workshop7
 A Path to Inspirational Journaling:
 Sketch to Learn, Write to Remember21
 Photographing Landscapes and Cityscapes22

Photographing Trees23
 Photographing Water Lilies22
 Photographing Water22
 Photography Boot Camp I22
 Photography Boot Camp II22
 Pruning Shrubs12
 Rain Gardening and Rainscaping12
 Recycling 10115
 Rescue and Renovate Your Cool Season Lawn11
 Sacred Seeds Medicinal Walking Tour17
 Sculptures in the Garden17
 Simple Flower Arranging Holiday Edition6
 Simple Flower Arranging Valentine's Edition6
 Sketching in the Garden7
 Stick a Fork in Food Waste14
 Succulent Hostess Gift5
 Technology of Single Stream Recycling17
 Tour of the Japanese Garden16
 Unwrapping Secrets of Chocolate8
 Watercolor: Art for the Holidays8
 Watercolor: Experimental Landscapes7
 Weave Your Own Scarf5
 Weave Your Own Table Runner5

BUTTERFLY HOUSE

Bee's Knees—Gifts from the Hive6
 Blue Morpho Photography25
 BOOterfly House38
 Bug Ball38
 Bug-Friendly Lifestyle14
 Bugoween Mask Making36
 Bugs Rock!33
 Butterfly House Insider Experience16
 Cocoa and Canvas35
 Evelyn Newman Founder's Day Celebration38
 Fall Container Garden Monarch Pit Stop35
 Family Fairy Garden37
 Fantastic Bugs and Where to Find Them37
 Flowers and Friends—Bug-Friendly Container Garden35
 Friday Night Flights
 Gourmet Grubs
 Insect Photography
 Keeper for a Day
 Little Bugs
 Morpho Mardi Gras
 Native Plant Door Swag
 Nature Artists
 OwltoberFest
 Paint and Sip at the Butterfly House
 Private Butterfly House Tour22

PROJECT POLLINATOR SERIES

Gotta Go to Mexico! Monarch Butterfly
 Migration and Tagging20
 Insect Hotel20
 Putting Your Butterfly Garden to Bed20
 A Bug's Winter Sleep20
 Waking Up Your Butterfly Garden20
 Rise and Shine with Butterflies37
 S'mores Galore Graham-parents Celebration38
 Shutterbug Saturdays24
 Super Bugs32
 Supper with Santa38
 Tabletop Treasures—Fairy Gardens5
 Tabletop Treasures—Living Centerpieces5
 Wicked Wings and Wine38
 Winter Jewels: An Enchanted Celebration38
 Won't You Be My Galentine?39

SHAW NATURE RESERVE

Autumn Equinox and New Moon Yoga27
 Autumn Equinox Evening Hike for Adults29
 Canopy Climb Session29
 Cypress Stroll18
 Evergreens of Shaw Nature Reserve Walk18
 Fall Foliage Hike18
 Fall Wildflower Market39
 Forest Bathing27
 Full Moon Sunset Hike for Adults30
 Full Moon Yoga26
 Holiday Wreaths from Natural Materials6
 Leaves and Seeds Fall Fun Run39
 Light + Discovery Workshop24
 Mini Hiking with Rover29
 Morning Of Hiking27
 Morning Prairie Hike16
 Morning Stroll26

NATIVE PLANT SCHOOL

Fall Native Edible Plants10
 Floral Arrangements with Native Plants10
 Gardening for Bumble Bees and Monarchs10
 Greenhouse Propagation of Native Plants10
 Pruning Native Trees and Shrubs10
 Nature Journaling is for the Birds!19
 Plein-air Watercolor Workshop7
 River Trail Hike30
 Shaw Family Adventures36
 Shaw Nature Reserve Annual Art Show39
 Shaw Nature Reserve Hiking Club26
 Star Trails Photography24
 Think About Tables Workshop36

Valentine's Sunset Hike18
 Welcome Walk28
 Wetland Walk16
 Which Raptor is that?21
 Whitmire Wonderlights39
 Wildflower Identification and Ecology19
 Winter Morning of Hiking27
 Winter Morning Stroll26
 Winter Tree I.D. for Beginners21

ONLINE

Bulbs 10111
 Formal Front Yard Landscaping with Native Plants13
 Growing Annuals from Seed13
 Hackin' Honeysuckle and Other Invasive Plants13
 Herbs for the Winter Blues8
 Holiday Spirit8
 Low-Maintenance Perennials9
 Owls of Missouri21
 Small Space Gardening13
 Strawberries, Blueberries, and More12

OFF-SITE

Bellefontaine Cemetery Tour17

SITE CODES FOR CLASSES

- MBG: Missouri Botanical Garden
- SNR: Shaw Nature Reserve
- BH: Sophia M. Sachs Butterfly House
- ONLINE: Class takes place via Zoom
- OFF-SITEe: check class listing

In order to provide you with the most accurate information, **classrooms are listed online only at mobot.org/classes.**

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

Class Information and Material Lists

Individual class details and material lists are available online at 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

For Braille and large print handouts, or additional accommodations, please call (314) 577-5140 at least 2 weeks prior to the date of the class. We will do our best to meet your needs. mobot.org/accessibility

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

- Due to the fluidity of the situation, 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, 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

REGISTRATION FORM

Name: _____

Child's name and age (if applicable): _____

Address: _____

City _____ State: _____ Zip: _____

Home Phone: _____ Work Phone: _____

Email: _____

| Course Name | Attendee | Location | Date | Fee |
|-------------|----------|----------|------|-----|
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PAYMENT OPTIONS (please check one):

Please check one: Member Nonmember

Missouri Botanical Garden Member ID: _____

Payment Method: Check Credit Card

Card #: _____

Exp: _____ 3-Digit Verification Code: _____

Signature: _____

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

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.

Sign up online at mobot.org/classes.



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

REGISTRATION STARTS AUGUST 1 AT 9 A.M.
Sign up online at mobot.org/classes



CLASSES ARE ALSO OFFERED AT:

Commerce Bank Center for Science Education
4651 Shaw Blvd. | St. Louis, MO 63110

Bayer Center
4500 Shaw Blvd. | St. Louis, MO 63110

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

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



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