



MISSOURI
BOTANICAL
GARDEN



SOPHIA M. SACHS
BUTTERFLY
HOUSE



SHAW
NATURE
RESERVE



Learn + Discover

classes for adults, youth, + family

Spring–Summer 2020 | March–August | mobot.org/classes

Registration
Begins
February 3
9 a.m.

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

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

Whether you visit 1 of our 3 St. Louis area locations with family and friends, enjoy membership in our organization, take 2 of our classes, or experience a special event, you're helping save at-risk species and protect habitats close to home and around the world.

On behalf of the Missouri Botanical Garden and our 1 shared planet... thank you.

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

—mission of the Missouri Botanical Garden

SITE CODES

MBG: Missouri Botanical Garden
SNR: Shaw Nature Reserve
BH: Sophia M. Sachs Butterfly House
off-site: check class listing

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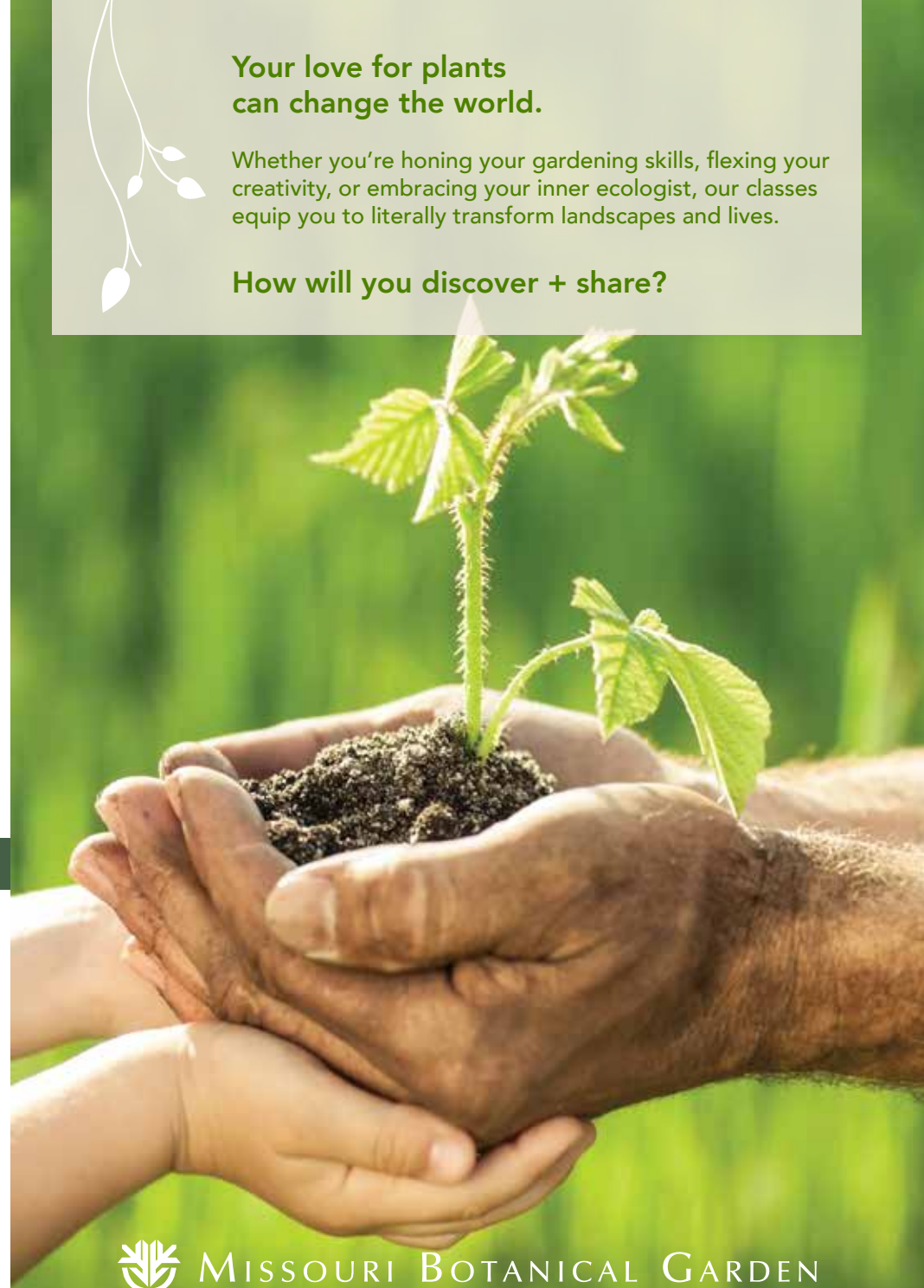
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Your love for plants
can change the world.

Whether you're honing your gardening skills, flexing your creativity, or embracing your inner ecologist, our classes equip you to literally transform landscapes and lives.

How will you discover + share?



MISSOURI BOTANICAL GARDEN

100% of your class fees help us discover new plant species, restore and protect at-risk plants and places, and connect more people with nature and the great outdoors.

ADULT CLASSES

DIY CRAFTS

All materials are provided and no prior experience is necessary unless otherwise noted.
Price per person, per class.

Basket Making 101: Herb Picket Fence Basket (MBG)

Make this great basket to display fresh herbs or store small gardening tools. This beginner basket is 4" x 8" x 6" with a filled base using both flat and round reeds. The basket uses several weaving techniques incorporates natural twining for the fence rails, removable wire embellishment and a green rim. Tool list provided at registration. Hand strength needed to complete basket.
Saturday, March 7
9:30 a.m. to 2:30 p.m.

\$50 members; \$60 nonmembers
Garden Room
Stephanie Arnold

Basket Making 101: Round Berry Basket (MBG)

Create a fun berry basket for harvesting or storing holiday cards. This round beginner basket is 8" round by 5" high with a 6½" base. The basket uses several weaving techniques and a variety of reed sizes and types and is embellished with a cute swing handle. Tool list provided at registration. Hand strength needed to complete basket.
Saturday, March 14
9:30 a.m. to 3 p.m.

\$54 members; \$65 nonmembers
Beaumont Room
Stephanie Arnold

Basket Making (SNR)

Create your own basket by learning basic weaving techniques and using natural materials. By mid-March you will need to choose between making a gathering, wine, berry, Cherokee heart, twill wall, or twill bun basket. Please keep in mind that the twill baskets are for experienced basket weavers who are up for a challenge! Supply list provided at registration. Bring a sack lunch.
Saturday, April 4
9 a.m. to 3 p.m.
\$45 members; \$54 nonmembers
Adlyne Freund Center
Linda Brown

Think About Tables Workshop (SNR)

Ages 13 and up (17 and under need guardian). 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. Bring pieces of honeysuckle and transform them into a table. We will start with a demonstration and then make a table to take home. Visit woodworms.net/index.html and click on "Think About Tables" to get measurements and specifics for the size of honeysuckle you need.

Saturday, March 14
9 a.m. to 3 p.m.
\$40 members; \$48 nonmembers
Meet at the Visitor Center
Dale Dufer

Eco-Friendly Furniture (MBG)

Perennial will share some of the organization's tips and tricks to finding furniture, repairing joints, and refinishing surfaces, all with the Earth in mind! We'll leak some of our favorite spots to find discarded furniture, give you insight into the city's bulk trash system, and link you to resources where someone else's trash can become your treasure. Through hands-on demonstrations, you'll learn to add a pop of color to your projects with natural milk paint, mix and apply a fresh coat of Perennial's signature wood wax, and cook up natural stain from walnuts. Leave with the knowledge to add a whole new look to your furniture without harming the environment or compromising your health.
Thursday, April 16
6:30 to 8:30 p.m.

\$37 members; \$45 nonmembers
Commerce Bank Center for
Science Education, Room 125
Perennial staff



DIY Herb Drying Rack (MBG)

The bounty of herbs can be enjoyed long after they have been picked with the help of some craftsmanship and upcycling. Dried herbs make beautiful teas and add flavor to your culinary dishes. Jenny Murphy will discuss the proper method for drying herbs. Afterward, the class will build their own herb drying rack from reclaimed materials. Participants will learn basic hand tool knowledge, including sawing, drilling, and wood finishing. Please wear closed-toe shoes.

Thursday, June 4
6:30 to 8:30 p.m.
\$42 members; \$51 nonmembers
Commerce Bank Center for
Science Education, Room 125
Perennial staff

Create a Journal: Long-Stitch Book Binding (MBG)

Learn the history behind this simple, yet beautiful, book structure seen in the Garden's collection. This basic book is easy for anyone to learn and repeat on your own. The class will begin with a short visit from the Garden's Conservator, Susan Cobbledick, who will show the Garden's sample of the book from their collection. The cover of your own long-stitch book can be decorated with stamped impressions in the leather. Be prepared to walk and stand during class.
Saturday, March 7
9 a.m. to noon
\$57 members; \$68 nonmembers
Bayer Center, Library
Joanne Kluba

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.

Saturday, March 21
9 to 11 a.m.
\$33 members; \$39 nonmembers
Botanical Room
Brittany Shultz

Garden Inspired Origami (MBG)

In this hands-on class you learn how to transform a 1-dimensional piece of paper into a 3-dimensional animal. After making 3–4 animals, use colored wire, beads, and your creativity to turn them into 6–8" moveable sculptures. Learn about the history of origami as well.

10 a.m. to 12:30 p.m.
\$45 members; \$54 nonmembers
Botanical Room
Jody Chassin

Japanese Cranes
Saturday, June 20

or Butterflies
Saturday, August 8

Paper Flowers Workshop (SNR)

Create a colorful bouquet of native wildflowers made from recycled paper. Participants will learn several techniques to make realistic paper blooms and take home a small bouquet of paper wildflowers.

Friday, August 7
1 to 3 p.m.
\$30 members; \$36 nonmembers
Carriage House
Jessica Kester

DIY Crafts continued...

Crochet a Rag Rug (MBG)

Making crochet rag rugs has been a tradition for many years. Originally, it was a way of getting one last use out of unwearable clothing. In the spirit of recycling we will be learning ways to make discarded fabric into strips and how to knit those strips into accent pieces for our homes.

Saturday, March 7

9 to 11 a.m.

\$38 members; \$44 nonmembers

Missouri Room

Suzanne Hirth

Stitch the Garden in Spring (MBG)

Come join Kristen Gula of Gulush Threads as she teaches modern floral embroidery with a special focus on spring tulips. Learn 7 stitches, as well as how to transfer patterns and finish a piece for display. All supplies are included: hoop, thread, fabric, scissors, and Kirsten's book, *200 Embroidered Flowers: Hand Embroidery Stitches and Projects for Flowers, Leaves and Foliage* (2018).

Saturday, March 14

9 a.m. to noon

\$67 members; \$77 nonmembers

PlantLab

Kristen Gula

Stitch the Garden in Summer (MBG)

Come join Kristen Gula of Gulush Threads as she teaches modern floral embroidery with special focus on the hydrangea. Learn 7 stitches as well as how to transfer patterns and finish a piece for display. All supplies are included: hoop, thread, fabric, scissors, and Kirsten's book, *200 Embroidered Flowers: Hand Embroidery Stitches and Projects for Flowers, Leaves and Foliage* (2018).

Saturday, June 27

9 a.m. to noon

\$67 members; \$77 nonmembers

PlantLab

Kristen Gula

Weave Your Own Table Runner (MBG)

Learn how to weave this spring using hand-dyed textured cotton weft on hand-painted cotton warp. 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.

Saturday, March 14

9:30 a.m. to 1 p.m.

\$80 members; \$96 nonmembers

Missouri Room

Jill Kettler

Weave Your Own Scarf (MBG)

Learn how to weave this spring 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 lacy scarf, which is great for a first-time project. You will have several colors to choose from, and all supplies are provided. Bring a sack lunch.

Saturday, March 21

9:30 a.m. to 2:30 p.m.

\$80 members; \$96 nonmembers

Garden Room

Jill Kettler

DIY Woven Pocket Necklace (MBG) *NEW*

In this class, each student will create their own one of a kind wearable piece of art. Using plant-based fibers, Jody will teach some basic weaving concepts to create your 2" x 2" necklace. Embellish it with fringe, tassels, or beads to enhance the pocket. Feel free to bring your own favorite beads or trinkets to add.

Saturday, May 16

9:30 a.m. to noon

\$47 members; \$56 nonmembers

PlantLab

Jody Chassin

Succulent Centerpiece (MBG) *NEW*

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

Tuesday, May 19

5:30 to 7 p.m.

\$55 members; \$66 nonmembers

Botanical Room

Sharon Lloyd

Succulent Wreath Design (MBG) *NEW*

Come learn how to take a wreath frame, moss, and succulent cuttings and turn them into a beautiful, unique wreath.

Thursday, June 11

10 a.m. to noon

\$55 members; \$66 nonmembers

Missouri Room

Sharon Lloyd

Flower Pounding (SNR)

Learn techniques to make a print from native wildflowers. This technique involves pounding the plants onto the fabric to make the colors transfer. Learn what supplies work best, how to prepare the fabric, and take a short hike to see plants that can be used. There will be design options, and you will be able to take your item home that day.

Friday, June 12

10 a.m. to noon

\$28 members; \$34 nonmembers

Glassberg Pavilions

Jessica Kester

Amish Knot Rag Rug (MBG)

Making Amish knot rugs has been a tradition for many years. Originally, it was a way of getting one last use out of unwearable clothing. In the spirit of recycling, we will be learning ways to make discarded fabric into strips and how to knit those strips into accent pieces for our homes.

Saturday, June 20

9 to 11 a.m.

\$38 members; \$44 nonmembers

Missouri Room

Suzanne Hirth

Shibori Dyeing with Indigo (MBG) *NEW*

Shibori, Japanese tie dye, is a multifaceted art where you can tie, fold, and stitch your way to a whole new look for tired linens, clothes, and more. Participants will get to sample 3 different traditional *shibori* techniques, including *kumo*, which involves tying and binding your fabric; *itajime*, which involves clamping your fabric; and *arashi*, which involves wrapping the fabric around a pole to create striking lines. We will provide 1 yard of reclaimed natural cotton fabric to each participant. We'll be using indigo dye to dip into a vibrant, striking blue you're sure to love. Use these techniques outside of class to revive your old sheets, pillowcases, or articles of clothing! Please wear closed-toe shoes.

Thursday, July 16

6:30 to 8:30 p.m.

\$47 members; \$57 nonmembers

Commerce Bank Center for
Science Education, Room 125

Perennial staff

Nature Printed Pillow (SNR)

Create a unique 14" x 14" cotton throw pillow case by pressing and rolling painted native plant material onto the fabric. We will take a short walk around the Whitmire Wildflower Garden to gain inspiration and to help you decide if you want to make a garden scene or focus on a single plant. Come prepared for a short walk.

Thursday, August 13

10 a.m. to noon

\$32 members; \$38 nonmembers

Carriage House

Rachel Weller

Needle Felting (MBG)

Needle felting is a simple, dry felting technique that uses roving (unspun wool) and a special needle tool to apply the fiber to a backing to create an applique or a 3-dimensional soft sculpture of a cactus. The possibilities for creative embellishments and accessories are endless.

Saturday, August 15

9 a.m. to noon

\$38 members; \$44 nonmembers

Botanical Room

Suzanne Hirth

DIY Crafts continued...

An Evening of Wine and Painting (SNR)

For ages 21 and up. You and your friends are formally invited to Shaw Nature Reserve to enjoy an evening of wine and painting. No prior painting skills necessary. This class is geared towards beginners ready to explore their artistic side. Follow along with an instructor to create a masterpiece of your own! All painting supplies, 2 glasses of wine per person, cheese, and crackers provided.

Wednesday, March 18

or Wednesday, May 13

6 to 8 p.m.

\$38 members; \$45 nonmembers

Carriage House

Bailie Kleekamp

**Paint and Sip: An Evening of Wine and Painting (BH)**

For ages 21 and up. You and your friends are formally invited to the Butterfly House to enjoy a fun evening of wine, snacks, and painting. Follow along with an instructor to learn how to paint a colorful butterfly on canvas! All painting supplies, 2 glasses of wine per person, and hors d'oeuvres provided.

Tuesday, March 31

6:30 to 8:30 p.m.

\$45 members; \$54 nonmembers

Meet at the ticket counter

Maggie Farrell

Create a Whimsical Yard Sculpture (MBG)

Add whimsy to your garden in this hands-on class. Be inspired by Jody's fun yet simple flower sculpture ideas to create your own 3-foot wire sculpture. Choose from brightly colored wire, beads, and buttons. Jody will show you easy-to-make, wire-wrapped beads to intersperse with buttons and glass beads! You will also learn wire weaving techniques for "color blocking" entire areas. Feel free to bring your own wire cutters and bead embellishments.

Saturday, March 7

10 a.m. to noon

\$38 members; \$46 nonmembers

Botanical Room

Jody Chassin

DIY Mosaic Stepping Stones (MBG)

Learn to use broken plates and forgotten tiles to create a beautiful DIY mosaic! Perennial will guide you through each step from cutting tile to mixing concrete for your mosaic. Each participant will create a unique concrete stepping stone, cast in an upcycled baking pan that you can reuse for future stepping stones, to take home to their outdoor spaces. Please wear closed-toe shoes.

Saturday, March 21

or Saturday, August 22

1 to 4 p.m.

\$47 members; \$57 nonmembers

Commerce Bank Center for

Science Education, Room 125

Perennial staff

Discover *Kokedama* (MBG)

Kokedama is Japanese for "moss ball" and has evolved from the ancient bonsai tradition of plant display. Join us as we create little hanging string gardens and learn about our western adaptation of this technique. Dress for playing in the dirt and bring garden gloves if you wish.

Saturday, April 18

9 to 10:30 a.m.

\$35 members; \$42 nonmembers

Botanical Room

Suzanne Hirth

Simple Flower Arranging (MBG) *NEW*

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. Includes a 30-minute walk.

Thursday, April 23

10:30 a.m. to noon

\$36 members; \$43 nonmembers

Garden Room

Sharon Lloyd

Fill Your Vase (MBG)

Come build your flower arranging confidence in this 3-part series. Also, 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. Includes a 30-minute walk.

3 Tuesdays: April 23; June 25; August 6

5:30 to 7:30 p.m.

\$98 members; \$118 nonmembers

Price per person, per 3-session class

Missouri Room

Sharon Lloyd

Summer Eucalyptus Wreath (MBG)

Join us for this fun and creative class as we take a walk to learn about the best summer plants for dried wreath making. You will create your own beautiful 10" wreath to take home using a combination of fresh and dried plant materials. Feel free to bring gloves and additional elements for your wreath. Come prepared for a ½-mile walk.

Tuesday, May 5

5:30 to 7:30 p.m.

\$62 members; \$74 nonmembers

Botanical Room

Sharon Lloyd

Terracotta Wall Vase (MBG)

Create a wall pocket vase perfect for cut or dried flowers this spring! In this hands-on class, you will hand-build a 5" x 8" tall clay vase with impressed decorations guided by artist Mary Henderson. After she fires your creation in her studio, pick up your vase on May 19 in the Visitor Center.

Monday, May 4

6 to 8 p.m.

\$40 members; \$48 nonmembers

Beaumont Room

Mary Henderson

Wine Bottle Reuse (MBG)

Do you have a hard time recycling beautiful glass bottles? Learn to transform used wine bottles into a self-watering planter for your home. The creative folks at Perennial will demonstrate safe ways to cut glass bottles using techniques you can replicate in your own kitchen. Learn an easy and eco-friendly way to remove adhesive residue with SoyGel. In class, you'll practice scoring and cutting glass with Perennial's handmade glass cutter tool in combination with a hot/cold water bath. Decorate your home with these upcycled creations, or give as a unique, handmade gift. Please wear closed-toe shoes.

Saturday, August 1

noon to 3 p.m.

\$40 members; \$48 nonmembers

Commerce Bank Center for

Science Education, Room 125

Perennial staff

Make Your Own DIY Personal Care Products (MBG)

Come make your own DIY lip balm, bath bombs, and—new this time—sugar scrub! We use simple, mostly natural ingredients great for those wanting to use less hazardous products or who have sensitive skin or allergies. Light snacks and lemonade provided.

Thursday, March 19

6:30 to 8:30 p.m.

\$37 members; \$45 nonmembers

Commerce Bank Center for

Science Education, Room 126

Julie McCrosky and Glenda Abney

DIY Crafts continued...

**A Spa Evening (MBG)**

Would you love to treat yourself to a spa evening? Learn the basics of aromatherapy safety and blending of fragrances to create products. You will leave with 3 products to bring relaxation into your home: lotion, sugar scrub, and room or pillow spray. Join us for an evening of relaxation. Makes a wonderful evening out with friends!

Tuesday, May 5

6 to 8 p.m.

\$38 members; \$44 nonmembers

PlantLab

Debra Jenkins

Pamper Your Summer Skin (MBG)

Come learn about which essential oils derived from plants are best for summer ailments. Make a soothing lotion for summer sunburns, an insect repellent that smells wonderful, and an after-bite cream. Great for the whole family to use.

Monday, June 1

6 to 8 p.m.

\$38 members; \$43 nonmembers

PlantLab

Debra Jenkins

Soldered Jewelry (MBG)

Create an upcycled pendant from scraps of ceramic and glass! Learn to use recycled glass, copper foil, flux, and lead-free solder to sculpt custom jewelry pendants. Perennial staff will demonstrate how to safely use a glass cutter and grinder to create custom shapes from found vintage plates, mirrors, clear glass, or broken heirlooms. Participants will also learn to make a custom-sized jump ring and discover the right places to look for upcycled treasures! Feel free to bring in broken glass pieces and pressed plants to use in your jewelry. Note: This class requires hand strength and the use of a very hot tool. Patience, an eye for safety, and hand dexterity will help participants achieve their design goals. Please wear closed-toe shoes.

Saturday, May 9

10 a.m. to 1 p.m.

\$50 members; \$60 nonmembers

Commerce Bank Center for

Science Education, Room 126

Perennial staff

This Ain't Your Granny's Lye Soap—Making Old-Fashioned Soap with Modern Convenience (MBG)

Come and learn how our pioneering relations made soap for washing and cleaning just about everything. Learn a little of the science behind soap making and many of the associated terms. Best of all learn to make soap with the great resources we have today as you make a batch from start to finish. Your takeaway will be 1 pound of soap, which will become 4 small bars that you and your family can use to see the nourishing benefits of handmade soap. Please note: animal products may be used in some recipes. Please wear closed-toe shoes.

Saturday, August 22

9 a.m. to 1 p.m.

\$60 members; \$72 nonmembers

Kemper Center for Home Gardening Room

Julie McCroskey

FINE ARTS

All materials are provided unless otherwise noted. Price per person, per class.

Watercolor: Bold and Beautiful (MBG)

All levels. Transparent watercolor is an expressive, dynamic, and fluid medium. It can be simple and complex; it can be subtle or bold. Using both tradition and nontraditional watercolor techniques students will utilize bold color and composition to make paintings that reflect their own personal style. Judy teaches the process of watercolor in a simple and straightforward manner encouraging students to expand and explore painting possibilities. Supply list provided at registration.

8 Fridays: March 6, 13, 20, 27;

April 3, 10, 17, 24

9:30 a.m. to noon

\$180 members; \$216 nonmembers

Price per person, per 8-session class

Kemper Center for Home Gardening Room

Judy Seyfert

Watercolor Essentials (MBG)

All levels. The true beauty of watercolor lies in the explosion of color and luminosity every time paint and water meet. In this class, the emphasis will be on techniques such as applying glazes, achieving value contrast, and implementing design principles. The goal is to stimulate enthusiasm, confidence, and creativity in each participant. The class is designed to inspire beginners and challenge experienced artists. Supply list provided at registration.

6 Mondays: March 9, 16, 23, 30; April 6, 13

6:30 to 9 p.m.

\$135 members; \$162 nonmembers

Price per person, per 6-session class

Missouri Room

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 Mondays: April 6, 13, 20, 27;

May 4, 11, 18; June 1 (no class on 5/25)

9:30 a.m. to noon

\$180 members; \$216 nonmembers

Price per person, per 8-session class

Missouri Room

Mary Dee Schmidt

Botanical Watercolor Painting Workshop (SNR)

All levels. Theresa Long, a botanical watercolor artist, offers this 3-day workshop focused on carefully observing botanical specimens selected from the Whitmire Wildflower Garden. Through close observation, learn to record textures, colors, and shapes with accuracy. This 3-day workshop includes painting flowering specimens as well as their related parts such as leaves, stems, seeds, and interior structures. Participants will learn to use measurement techniques along with dissection to identify accurate scale. Sessions will wrap up each day with discussion of progress, questions, and insights. Supply list provided at registration. Bring a sack lunch.

2 Tuesdays and a Thursday: April 14, 16, 21

9:30 a.m. to 2 p.m.

\$150 members; \$180 nonmembers

Price per person, per 3-session class

Carriage House

Theresa Long

Fine Arts continued...

**Watercolor in Bloom (MBG)**

All levels. Using the free flowing, spontaneous nature of watercolor, students will paint the beauty of spring into expressive, vibrant, and colorful paintings. Techniques to be present include painting wet into wet, glazing, negative and positive shape making. Students will also learn to make "painterly" paintings through design and the use of decisive, expressive brushstrokes. The focus of the class is to have fun while exploring impressions of spring through the medium of watercolor. Supply list provided at registration.

5 Saturdays: May 2, 9, 16, 23, 30

9:30 a.m. to noon

\$113 members; \$136 nonmembers

Price per person, per 5-session class

Missouri Room

Judy Seyfert

Oil Painting in the Garden (MBG)

Intermediate and advanced. Award-winning painter Tito Gay shows the ins and outs of the most forgiving medium, oil painting. Learn about hue, brush strokes, color mixing, and composition in the most beautiful Garden in the world. Supply list provided at registration.

6 Thursdays: April 2, 9, 16, 23, 30; May 7

9:30 a.m. to noon

\$135 members; \$162 nonmembers

Price per person, per 6-session class

Garden Room, except 4/23 (PlantLab)

Tito Gay

Plein-Air Watercolor Workshop (SNR)

All levels. Enjoy *Plein-air* watercolor painting in the Whitmire Wildflower Garden 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. For those wanting to paint indoors from botanical specimens chosen from the garden, classroom space will be available. Sessions will wrap up each day with discussion of progress, questions, and insights. Supply list provided at registration.

2 Tuesdays and a Thursday: June 2, 4, 9

9 a.m. to noon

\$100 members; \$120 nonmembers

Price per person, per 2-session class

Carriage House

Theresa Long

Painting from Nature Workshop (MBG)

Beginner/Intermediate. Leonardo Da Vinci said, "Study the science of art. Study the art of science." Beginning with pencil, learn how to define form and structure, translate proportion and depth, and explore line and value. Students will then learn how to apply color 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.

3 Saturdays: June 13, 20, 27

9:30 a.m. to 12:30 p.m.

\$94 members; \$113 nonmembers

Price per person, per 3-session class

PlantLab

Emily Dustman

Creating Fun and Interesting**Nature Journal Entries (SNR)**

Nature Journaling is a fun and easy way to explore the outdoors. By recording what is of interest to you over time, you will compile a documented account of your outdoor adventures that you can treasure for a lifetime! We will begin inside by exploring a variety of ways to design a page to record your outdoor experiences. These page design techniques will help you make your subject of investigation look creative and inviting. Before we move outdoors we will also explore other possibilities such as pocket pages, small flip books attached to journal pages, and more. Beginners and those that want to broaden their sketching and recording skills are welcome. Artistic skills are not required. Supply list provided at registration.

Thursday, April 9

9:30 a.m. to noon

\$28 members; \$34 nonmembers

Carriage House

Angie Jungbluth

**Sketching and Nature
Journaling Flowers (SNR)**

Do you enjoy exploring the world of flowers and wish you could creatively record your discoveries somehow on paper? If yes, then join us as we begin our investigation of flowers at the Carriage House by learning or reviewing 5 techniques to creatively capture your observations of flowers on paper. This inside study will include taking a flower apart and observing all of the components of its make up, as well as their functions. With these sketching and journaling skills, we will then go outside to observe wildflowers in nature and record our discoveries. Both beginners and those that want to broaden their sketching and recording skills are welcome. Artistic skills are not required. Supply list provided at registration. Come prepared for a short walk.

Thursday, April 30

9:30 a.m. to noon

\$28 members; \$34 nonmembers

Carriage House

Angie Jungbluth

biodiverse*City*
— st. louis —

Throughout St. Louis, every day, people are making big and small changes to their backyards, balconies, streetscapes, schoolyards, parking lots, and play areas. Some are doing this because they love nature and want to experience more of it in their daily lives.

Others recognize that native plants in the right places help prevent flooding, clean and cool our air, and improve human health and well-being.

Still others embrace the positive impact that leafy streets, accessible parks, hiking and biking trails, and other quality green spaces have on property values and the economic vibrancy of our region.

**Gardening for Biodiversity
Page 29**



PHOTOGRAPHY

GARDEN PHOTOGRAPHY

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: March 10, 17, 24, 31

9:30 a.m. to noon

Kemper Center for Home Gardening Room
or 4 Wednesdays

March 11, 18, 25; April 1

5:30 to 8 p.m.

Botanical Room

\$140 members; \$168 nonmembers

Price per person, per 4-session class

Scott Avetta

Photography Boot Camp II

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. He will emphasize making the most of the outside photo shoots and increase your understanding of what lens to use based on the light and conditions. Space is limited so Scott can spend individual time with each photographer during photo shoots.

3 Tuesdays: April 7, 14, 21

9:30 to noon

Kemper Center for Home Gardening Room
or 3 Wednesdays: April 8, 15, 22

5:30 to 8 p.m.

Botanical Room

\$90 members; \$108 nonmembers

Price per person, per 3-session class

Scott Avetta

The Art of Seeing in Photography (MBG) **NEW**

All levels. Our photography is often blocked by looking for things versus finding them. During these sessions we will spend the vast majority of our time in the field (weather permitting). As we walk through the garden, we will stop at locations that have the greatest potential for a strong image. We will discuss light, design, and aperture and likely take images of areas you may normally pass by. We will also discuss some of the obstacles we create for ourselves. Consider taking Photography Boot Camp I for a better understanding of your camera.

3 Tuesdays: May 5, 12, 19

6 to 8 p.m.

\$72 members; \$86 nonmembers

Price per person, per 3-session class

Missouri Room

Scott Avetta



Photographing in the Climatron (MBG)

All levels. Join Scott Avetta for this unique opportunity to photograph the vast subjects inside the Climatron. From wide angle to close-ups of the 2,800+ plants in this tropical climate, Scott will assist you with suggestions on light, aperture, and composition. Tripods and flash allowed but not required in this small class.

2 Mondays: June 8, 15

6 to 8:30 p.m.

\$70 members; \$84 nonmembers

Price per person, per 2-session class

Meet at the ticket counter

Scott Avetta

Creativity in Your Photography (MBG) **NEW**

Intermediate. Add some sparkle to your photos. During this multi-session, hands-on class, we will concentrate on improving your creativity. Scott will discuss and show you some techniques to use outdoors using most lenses. Zooming, panning, shutter speed, and depth of field will be some of the tools he will demonstrate. These techniques are perfect for imperfect conditions. To gain basic camera knowledge, consider taking Photography Boot Camp I. Held rain or shine.

2 Wednesdays: July 22, 29

9:30 a.m. to noon

\$56 members; \$67 nonmembers

Price per person, per 2-session class

Meet at the ticket counter

Scott Avetta



Behind the Scenes: Orchid Show Photography (MBG)

All levels. Get rare access to the orchid show to take photos with professional assistance. This class will have the special privilege of taking photographs after hours using tripods and flash photography to capture those gorgeous flowers. We will have a brief discussion on subject selection and composition at the start of the class. A flash is not needed for this class, but will be allowed.

Monday, March 9

5:30 to 8 p.m.

\$52 members; \$62 nonmembers

Meet at the ticket counter

Scott Avetta

Photography: Spring Blooms (MBG) **NEW**

All levels. Spring is the perfect time to capture the colors and forms of flowers, especially in the early morning light. During this hands-on field class, Scott will concentrate on peak blooms around the Garden. He will increase your understanding of light, composition, and subject selection during this photo shoot. Be prepared to walk around the Garden.

Thursday, April 16

7 to 10:30 a.m.

or Thursday, May 14

7:30 to 10 a.m.

\$35 members; \$42 nonmembers

Meet at the ticket counter

Scott Avetta

Photographing Trees (MBG)

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. Held rain or shine.

Friday, April 24

9:30 a.m. to noon

\$35 members; \$42 nonmembers

Meet at the ticket counter

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!

Thursday, May 7

9 a.m. to noon

\$52 members; \$62 nonmembers

Meet at the ticket counter

Scott Avetta

Photography continued...

Photographing Summer Blooms: Iris (MBG)

All levels. Get special access to early morning light and limited crowds to photograph the iris in May bloom. We will discuss how to get better botanical images using wide angle to close-ups. You will learn tips on field photographing, subject selection, and how light plays a significant role in your photograph. Held rain or shine.
Monday, May 11
 7:30 to 10 a.m.

\$35 members; \$42 nonmembers

Meet at the ticket counter
 Scott Avetta



Origami in the Garden Photography (MBG) **NEW**

All levels. See how many of the sculptures have many similar elements as photography: balance, composition, scale. We will spend time reflecting on these qualities in both our photography and our appreciation of the sculpture in the walking photo shoot. Get tips on how to capture these monumental sculptures in this private evening class. A tripod and remote recommended. Held rain or shine.
Sunday, June 14
 or **Sunday, July 26**
 7:30 to 10 p.m.

\$42 members; \$52 nonmembers

Meet at the ticket counter
 Scott Avetta

WANT MORE INFO?

Learn more about *Origami in the Garden* on pages 32–33.

Working an Area to Its Greatest Potential (MBG) **NEW**

All levels. This class will concentrate on photographing a small, flat area of the Garden close to the Visitor Center with limited walking. It is difficult to find interesting details until you stop and pay close attention. By spending more time in a small area, we will learn to notice key elements that are often overlooked but make powerful images. Time will be spent in the field on an individual and group basis to explore nature and improve your photography with discussion of subject selection, backgrounds, composition, and working the scene. Bring your camera and extra batteries to class. Held rain or shine.
Monday, July 20
 6 to 8:30 p.m.
 \$35 members; \$42 nonmembers
 Botanical Room
 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. Held rain or shine.
Monday, August 3
 or **Wednesday, August 12**
 5 to 7:30 p.m.
 \$42 members; \$50 nonmembers
 Meet at the ticket counter
 Scott Avetta

From Busy to Beautiful: Photographs That Speak (MBG) **NEW**

All levels. Do you sometimes find your photos to be busy or confusing? Do they require cropping and adjustments later? This class will give you tips on how to improve your image and your vision. Simple things like lens choice (lenses that most of us own), aperture selection, backgrounds, design, and light will make stronger images.
Saturday, August 22
 10 a.m. to noon
 \$28 members; \$34 nonmembers
 Botanical Room
 Scott Avetta

BUTTERFLY HOUSE PHOTOGRAPHY

Photography Fridays (BH)

All levels. Enjoy an early, tranquil hour in our Tropical Conservatory before we open our doors to the public. Spend time on your own taking photos of our butterflies and plants. Tripods are allowed during this special time. Come be one of the few to take fabulous tripod photos of our butterflies in natural light.

Friday, March 13
 or **Friday, April 10**
 or **Friday, May 8**
 or **Friday, June 12**
 or **Friday, July 10**
 or **Friday, August 14**
 9 to 10 a.m.

\$8 members; \$10 nonmembers

Meet at the ticket counter
 Butterfly House staff

Introduction to Close-Up Photography (BH) **NEW**

Beginner/Intermediate. In this 2-day class, you will learn some of the difficulties and joys of close-up photography. We will focus on sharpness, lighting, working the subject, and composition for stronger images. On the first day, Scott will lead a classroom discussion where you will discuss subject selection, equipment, and depth of field selection. The second day will be spent in our Conservatory practicing what you have learned with our butterflies. Please bring your camera equipment for both days. A tripod and cable release/remote are recommended, but a macro lens is not required.
Saturday and Monday: August 8, 10
 9:30 a.m. to noon
 \$70 members; \$84 nonmembers
 Price per person, per 2-session class
 Meet at the ticket counter
 Scott Avetta

Morpho Mardi Gras Photography (BH)

Beginner/Intermediate. This class will offer the special privilege of taking photographs with an instructor at a time when the Butterfly House is closed to the public. More than 1,000 blue morpho butterflies fill our Conservatory during this event, and their beauty makes them wonderful photography subjects. Get 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, March 16
 9:30 a.m. to noon
 \$40 members; \$50 nonmembers
 Meet at the ticket counter
 Scott Avetta



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, beautiful beetles, tarantulas, walking sticks, and others. A tripod and remote cable release are recommended for this class.
Wednesday, May 20
 5:30 to 8 p.m.
 \$43 members; \$51 nonmembers
 Lopata Learning Lab
 Scott Avetta

Photography continued...

Summer Buggin' Photography (BH)

Beginner/Intermediate. The waning days of summer are an ideal time to photograph butterflies, dragonflies, and other beautiful insects. Join us at the Butterfly House as professional photographer Scott Avetta leads you through our outdoor native habitat garden. Scott will share tips and techniques for photographing all the stunning insects that summer has to offer. Our native plants will be very showy and worthy of photos as well. The class will focus on finding subjects and the best way to get a shot of them. Participants should have a basic understanding of their camera's features.

Wednesday, August 19

6 to 8 p.m.

\$28 members; \$34 nonmembers

Meet at the ticket counter

Scott Avetta

SHAW PHOTOGRAPHY

Mastering Smartphone Photography: Shooting and Sharing (SNR)

Learn how to get the best-looking images out of your phone's built-in camera and discover some of the amazing things you can do with your cell phone photos. Snacks and drinks provided.

Saturday, March 14

9 a.m. to 4 p.m.

\$80 members; \$96 nonmembers

Adlyne Freund Center

Jeff Hirsch

Moonlit Fridays: Shaw Nature Reserve Night Photography (SNR) **NEW**

Intermediate. This is a guided photography session for experienced nightscape photographers, not a class. Ever wanted to photograph beautiful moonlit landscapes at Shaw Nature Reserve? You're in for a treat. Each session will feature a different location in the Nature Reserve. Nightscape photographer Lonnie Gatlin will be on hand to answer night photography questions.

Friday, April 3

or Friday, May 8

or Friday, June 5

9 to 11 p.m.

\$25 members; \$30 nonmembers

Meet at the Visitor Center

Lonnie Gatlin

Photographing the Virginia Bluebells (SNR)

All levels. Join us for the opportunity to photograph the sea of Virginia bluebells that bloom each spring in the Meramec River bottomlands. Weather permitting, we will hike 2 miles on rocky terrain with rolling hills roundtrip to the bluebell "show." This is not a formal class.

However, photographer Scott Avetta will be on hand to offer techniques and suggestions to get the most out of this experience. There is potential for every lens. Capture a field of bluebells with a wide-angle lens or hone in on its delicate bloom with a macro lens—and everything in between. Participants should have a basic working knowledge of their camera. We will help shuttle equipment and those who are not able to hike.

Friday, April 10

8 to 11 a.m.

\$30 members; \$36 nonmembers

Maritz Trail House

Scott Avetta

Conversations with Nature (SNR) **NEW**

All levels. Do you love photographing nature? Find a way to experience it in an even deeper and more meaningful way. This outdoor-based class will focus on more thoughtful composition. Recording a scene versus taking a picture, be engaged with nature and discover its wonder. Participants should have a basic working knowledge of their camera and be prepared to walk on grass, dirt, and gravel trails. The use of a tripod and cable release is helpful.

Saturday, May 9

7 to 11 a.m.

\$55 members; \$66 nonmembers

Carriage House

Scott Avetta

Art in Nature (SNR)

Beginner/Intermediate. May brings a vast selection of subjects to Shaw Nature Reserve including wildflowers, birds, and insects. Join us for this exciting all-day workshop with renowned photographer Noppadol Paothong. Through fieldwork, classroom presentations, and discussions, Noppadol will share tips on equipment, subject expertise, and techniques that he uses in the field to overcome the difficulty of working with wild subjects. Participants should have a good understanding of exposure with natural light and concepts such as aperture, ISO, and shutter speed. Bring a sack lunch.

Saturday, May 23

6 a.m. to 4 p.m.

\$140 members; \$168 nonmembers

Carriage House

Noppadol Paothong

Macro and Close-Up Nature Photography Workshop (SNR) **NEW**

Beginner/Intermediate. Through a macro lens, the veins of leaves become a mosaic pattern, textures of tree bark become a mountain range, and shallow depth of field simulates a watercolor background. A long lens can also produce compelling close-ups while shooting further from the subject. This workshop will include a presentation, basic equipment considerations (macro and long lens), shooting assignments in the field, and a friendly critique of participants' images. There will also be a visual scavenger hunt for a fun challenge. Bring a sack lunch. Snacks and drinks provided.

Saturday, June 6

8:30 a.m. to 3:30 p.m.

\$110 members; \$132 nonmembers

Adlyne Freund Center

Dan Dreyfus



Astrophotography: Dillard Mill (SNR) **NEW**

Intermediate. Join us for a dark sky photography workshop. Participants are expected to know their camera's menus to make adjustments in dark locations and basic photo-editing skills. Learn to capture the night sky featuring the Milky Way in a beautiful Dillard Mill setting.

The class covers how to plan, shoot, and process nightscape photos using Adobe Lightroom Classic CC. Supply list provided at registration. A block of rooms has been reserved 45 minutes from Dillard Mill. Transportation and meals are not included. Sturdy shoes, such as hiking boots, are recommended as the landscape is uneven terrain.

Saturday, June 20

3 p.m. to midnight

\$115 members; \$138 nonmembers

Dillard Mill State Historic Site

Lonnie Gatlin

Astrophotography (SNR)

Intermediate. Participants are expected to know their camera's menus to make adjustments in dark locations and basic photo-editing skills. Learn to capture the night sky featuring the Milky Way in a beautiful Shaw Nature Reserve setting. The class covers how to plan, shoot, and process nightscape photos using Adobe Lightroom Classic CC. Weather permitting, participants will shoot outdoors. Come prepared for a ½-mile walk.

Saturday, August 15

6 p.m. to midnight

\$70 members; \$84 nonmembers

Maritz Trail House

Lonnie Gatlin

FOOD AND COOKING

All cooking classes are demonstrations only unless otherwise noted. Chefs serve sample-sized portions and provide copies of their recipes. Price per person, per class.

CULTURAL INSPIRATIONS

A British Twist on Cooking with Herbs (MBG) **NEW**

Join Jane from the Queen's Cuisine, equipped with expert information from The St. Louis Herb Society, for a demonstration making tomato-basil "made-from-scratch" pizza, asparagus-mint soup, coconut-lavender scones, and lemon verbena iced tea.

Monday, May 11
or Monday, May 18
6 to 8 p.m.

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
Jane Muscroft

Summer Shrimp Boil (MBG)

Gather your family and friends and dig into our Southern, French, and Cajun roots! Chef Diana Smith will be making buttery toasted pecans, "the boil" (shrimp, sausage, potatoes, corn-on-the-cob, and spices), creamy coleslaw, no-knead crusty bread, and peach icebox cake. Perfect for entertaining!

Saturday, June 20

10 a.m. to noon

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
Diana Smith

EAT MORE PLANTS



Meatless Meals (MBG)

All new recipes! Trying to eat less meats? Try all these new recipes from Chef Diana Smith. She will be demonstrating how to prepare butternut squash and caramelized onion galette, stuffed portobellos, zucchini boats with feta, pesto and white beans, and spaghetti squash burrito bowls.

Saturday, March 7

10 a.m. to noon

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
Diana Smith

Soups in 30 Minutes (MBG)

Please join Marianne and learn to make quick, wonderful soups. She will be making Portuguese sausage and kale soup, Italian tomato soup with parmesan crisps, creamy cauliflower soup with roasted spiced chickpeas in addition to a 30-minute beer bread.

Wednesday, March 11

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room
\$37 members; \$43 nonmembers
Marianne Prey

Chocolate Immersion: 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. You will gain insights on how chocolate is made, the health benefits, common terminology, sustainability in the chocolate world, and pairing chocolate. Of course, you will also sample a variety of chocolate to support the discussion. You will walk away with a deeper understanding and appreciation of that food you crave, and possibly even discover a new favorite. You get to eat your homework with plenty of samples to take home!

Saturday, March 21

10 a.m. to noon
or Tuesday, August 4

6 to 8 p.m.

\$37 members; \$43 nonmembers
PlantLab
Kim Petzing

Festive Spring Desserts from the Tea Room (MBG) **NEW**

Join Jane from the Queen's Cuisine for a lovely evening and learn to make beautiful desserts for the upcoming Spring holidays! She will demonstrate butterfly cake, hummingbird cake, bakewell tart, and delicious coconut cream pie, and you can enjoy a wonderful cup of hot tea.

Monday, March 30

or Monday, April 6

6 to 8 p.m.

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
Jane Muscroft

Let's Make Gnocchi! (MBG)

Join us for a fun evening while we explore the world of gnocchi, the little fluffy dumplings of Italy. The menu will include gnocchi made with potatoes and with ricotta cheese. Everyone will get a chance to try their hand at cutting and shaping these mouthwatering morsels. We'll prepare a couple of different sauces then eat our creations. Take home the recipes, which will include many variations of the basics.

Wednesday, April 15

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room
\$37 members; \$43 nonmembers
Marianne Prey

Spring Your Herb Garden Into Action! (MBG)

Time to spring into action with information to have herbs abundant in your garden. We will present ideas on how and what to plant in your garden so you have the herb garden you dream about. It could be containers full of culinary herbs on your deck or a whole garden of glorious herbs. We will guide and explain how to make the magic happen in your yard! There will be a chef to show off the herbs you choose to grow and some tips on other uses for your herbs. Come enjoy and learn as we give you the lay of the land in herbs.

Monday, April 20

6 to 8:30 p.m.

or Wednesday, April 22

9:30 a.m. to noon

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
The St. Louis Herb Society

Ode to Cauliflower (MBG) **NEW**

Love cauliflower? Join Chef Diana Smith for a flurry of creative recipes based on this fabulous vegetable. Recipes will include yellow curry cauliflower with potatoes and peas, roasted cauliflower salad with creamy honey mustard vinaigrette, oven baked buffalo cauliflower, and sticky sesame cauliflower bites.

Monday, April 27

6 to 8 p.m.

\$37 members; \$43 nonmembers
Kemper Center for Home Gardening Room
Diana Smith

Food and Cooking continued...

Paella! (MBG)

Join us for an evening of Spanish fun as we explore the world of Paella! We'll make a big pan from scratch as we learn about the history of the dish, the traditional ingredients and just how easy it is to prepare this 1-pot meal. While the Paella simmers, everyone will sample classic tapas. Take home recipes for your own Paella party!

Wednesday, May 13

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room

\$37 members; \$43 nonmembers

Marianne Prey

Let's Do Lunch! (MBG)

Bring your friends for a walk in the Garden, stay for a cooking demonstration and a delicious lunch! Chef Diana Smith will be preparing capresse skewer appetizers, goat cheese quiche with hash brown crust, crustless asparagus quiche, and Italian flourless chocolate tart for dessert.

Thursday, May 21

11:30 a.m. to 1 p.m.

\$28 members; \$34 nonmembers

Kemper Center for Home Gardening Room

Diana Smith

Risotto in 18 Minutes (MBG)

Risotto is not a fancy dish just for restaurants. The core ingredients of rice, stock, onions, butter, wine, and parmesan are simple. The key is the right rice, a flavorful stock, and technique. After this class you will be whipping up risotto in your kitchen like an Italian chef! The menu will include *Risotto alla Milanese* (risotto with saffron), *Risotto con Zucchini* (risotto with zucchini), and *Risotto al Tonnato* (risotto with tuna).

Tuesday, June 9

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room

\$37 members; \$43 nonmembers

Marianne Prey

Summer Soups (MBG) *NEW*

Your wish for "Summer Soups" has been fulfilled. Jane Muscroft from the Queen's Cuisine will demonstrate the most delicious soups for summertime. She will be making cold *vichyssoise* (leek and potato soup), chilled plum soup, cold cucumber and yogurt soup, and hot summer vegetable gumbo. Wonderful to enjoy all summer long.

Monday, June 1

or **Monday, June 15**

6 to 8 p.m.

\$37 members; \$43 nonmembers

Kemper Center for Home Gardening Room

Jane Muscroft

Bakin' with Bacon with Fr. Dominic (MBG) *NEW*

People have been enjoying smoked meats with bread for thousands of years, and bacon's widespread popularity inspires this latest class from the Bread Monk. Fr. Dominic will demonstrate a few of his favorite baked goods using bacon, including bacon dill bread (a favorite of his monastic brethren); a traditional Austrian bread with bacon, egg and walnut filling; and a tomato bacon galette with gorgonzola that is sure to become a favorite summer treat once the tomatoes start coming in.

As a bonus, the handouts will include additional "Bakin' with Bacon" recipes not included in the demo. The smells alone are worth the price of admission, but you'll get to taste samples, too!

Saturday, June 13

1 to 3:30 p.m.

\$45 members; \$54 nonmembers

Kemper Center for Home Gardening Room

Fr. Dominic Garramone, OSB

Baking with Olive Oil (MBG)

Have you ever considered baking with olive oil? Cookies, quick breads, pies, cakes, brownies, and muffins are all possibilities. Learn how to convert recipes from butter to olive oil and enjoy the rich flavor, increased moistness, and longer freshness of baked treats made with olive oil. The menu will include jalapeno cheddar corn muffins, French tomato and goat cheese tart, and chocolate chip sea salt cookies with olive oil ice cream.

Tuesday, July 7

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room

\$37 members; \$43 nonmembers

Marianne Prey

Crisps and Cobblers Encore! (MBG)

Back by popular demand with all new, delicious recipes! This summer Diana will demonstrate how to make blueberry buckle, cherry clafoutis, apple and blackberry polenta cobbler, and salted caramel apple crumble. Yum!

Saturday, July 11

10 a.m. to noon

\$37 members; \$43 nonmembers

Kemper Center for Home Gardening Room

Diana Smith

Rave Reviews Ravioli (MBG)

Roll up your sleeves and get ready to make ravioli! We'll prepare the dough, roll it thin, fill with variety of ingredients, cook, and feast on our creations. That's not all—a surprise dessert awaits!

Wednesday, August 5

6:30 to 8:30 p.m.

Kemper Center for Home Gardening Room

\$37 members; \$43 nonmembers

Marianne Prey

DRINK MORE PLANTS**Sustainabili-Tea (MBG)**

Travel the "world" in cups of tea. "Visit" a variety of regions and experience fine handcrafted, organic teas. Learn about the people who create them and how your tea enjoyment aids them and their care of our planet. Find out how the tea world is changing and responding to the changing environment our demands for sustainability. Lots of tea sampling!

Saturday, March 21

10 to 11:30 a.m.

\$20 members; \$25 nonmembers

Commerce Bank Center for

Science Education, Room 126

Kateri Meyer

How to Sample Wine (MBG)

Are you perplexed by lengthy restaurant wine lists? Overwhelmed by the volume of wine selections? Unsure how to select wines for a home dinner party? Come sample several wines and learn how to appreciate and describe the wine's flavor profile. Learn that taste plus aroma equal flavor. Increase your confidence to make delicious wine choices. Must be 21 or older to register.

Tuesday, April 7

6 to 8 p.m.

\$34 members; \$40 nonmembers

Kemper Center for Home Gardening Room

Michael J. Leonardelli

Wine Flavors and Food Pairing (MBG) *NEW*

Learn to choose from the wide varieties of wine when selecting a bottle to serve with a meal. Michael will discuss traditional European varieties, Native American grapes and hybrids. After examining grape varieties and sampling wines, you will be able to anticipate a wine's flavor profile and acidity level. It's a great way to pair food and personal favorites. After all, one of wine's great pleasures is built on flavor expectations! Must be 21 or older to register.

Thursday, June 18

6 to 8 p.m.

\$34 members; \$40 nonmembers

Kemper Center for Home Gardening Room

Michael J. Leonardelli

GARDENING AND LANDSCAPING

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 to 1-mile walk. Price per person, per class. Sharon Lloyd

Back to Basics Garden Boot Camp (MBG)

Whether you are new to gardening or just need a refresher, this series is for you. Join us for this intensive, interactive 4-part series and discover the importance of soil, mulch, watering, and plant nutrients. Learn about plant location, types of plants, division, and overall maintenance. This series will be a combination of classroom lecture and outdoor walks. 4 Tuesdays: March 26; April 2, 9, 16 5 to 7 p.m.
\$72 members; \$86 nonmembers
Missouri Room

Low-Maintenance Perennials (MBG)

Every gardener wants beautiful flowers, but they don't have endless hours to work in the garden. Dig deep into the top 20 plants for the St. Louis garden in sunny and shady areas. Tuesday, May 12
5:30 to 7:30 p.m.
\$28 members; \$34 nonmembers
Botanical Room

Pop of Purple (MBG) **NEW**

Purple is the "oh so versatile" color that compliments everything! In this walking tour we will explore beautiful trees, shrubs, perennials, bulbs, and annuals that can add a "pop of purple" to your garden. Take home a small plant to add to your garden. Tuesday, June 16
5:30 to 7 p.m.
\$31 members; \$37 nonmembers
Botanical Room

Fabulous Foliage (MBG) **NEW**

Flowers come and go but foliage plants look good all the time. Join us on a walking tour of the Garden and learn new ways to combine gorgeous foliage plants in your garden or containers. We will look at both tropical and perennial plants that grow well in the region and take home a small plant to add to your garden. Tuesday, June 23
5:30 to 7 p.m.
\$35 members; \$41 nonmembers
Botanical Room

Refresh Your Containers (MBG) **NEW**

Are your containers looking tired, worn, overgrown, or just plain scraggly? By mid-summer our containers are in need of some much deserved TLC. You will learn a variety of techniques to bring those once beautiful containers back to life! Thursday, July 9
5:30 to 7:30 p.m.
\$28 members; \$34 nonmembers
Botanical Room

Blooms for Four Seasons (MBG)

Flowers, flowers, everywhere! Learn how to plant a diversity of annuals, perennials, and shrubs, and trees that will provide you with a yearlong supply of color and interest. Tuesday, July 14
10 a.m. to noon
\$28 members; \$34 nonmembers
Botanical Room

Edible Gardening in Containers

Want to grow your own food? Not sure where to start? No room for a traditional garden? Come learn how to grow fresh, delicious edibles in containers including edible flowers, herbs, vegetables, and fruits. Create a burlap-lined bushel basket. 1 to 3 p.m.
\$62 members; \$74 nonmembers

at the Missouri Botanical Garden
Tuesday, April 7
Botanical Room

at the Butterfly House
Wednesday, April 15
Lopata Learning Lab

Spring Porch Pot (BH)

Learn the basics of container gardening from types of containers, potting soils, watering, fertilizing, and plant selection. Take a walk around the Butterfly House to see the season's creative containers. Create a container filled with spring plants to take home. Thursday, April 30
1 to 30 p.m.
\$62 members; \$74 nonmembers
Lopata Learning Lab

Pollinator Porch Pot **NEW**

Want to attract bees and butterflies to your garden? This is the class for you. We will learn container garden basics, take a walk in the garden, and build a container to take home filled with pollinator-friendly plants that you will love too! \$62 members; \$74 nonmembers

at the Missouri Botanical Garden
Thursday, May 21
5:30 to 7:30 p.m.
Botanical Room

at the Butterfly House
Thursday, May 14
1 to 3 p.m.
Lopata Learning Lab

Low-Maintenance Porch Pot (MBG)

Do you want a beautiful summer sun container without all the constant watering, fertilizing, and fuss? Then this is the class for you! Come learn container gardening basics, including how to choose low-maintenance plants and pot up a container to take home. Tuesday, June 9
5:30 to 7:30 p.m.
\$62 members; \$74 nonmembers
Botanical Room

Mother's Day Container Gardening (MBG)

Looking for something fun to do with mom this year? Grab your mom, friend, or just yourself and join us for a fun and relaxing evening as we explore how to create a container garden just in time for Mother's Day. Take a walk in the Garden to see this season's creative containers. Create a beautiful container garden filled with summer plants for sun to part-shade to take home. Tea and cookies will be served. Thursday, May 7
5:30 to 7:30 p.m.
\$62 members; \$74 nonmembers
Missouri Room





St. Louis Master Gardeners Series (MBG)
Join St. Louis's own Master Gardeners for tips and tricks for St. Louis gardening.

Purposeful Color in Your Garden *NEW*

Let's take a page from our coloring books and transfer our imaginations to our gardens! Whether it's creating a front door focal point, mixing shades for a monotone planting, or just getting a better idea of how color combinations work, join Terry as you "step out of the box" for some different approaches to applying the principles of color theory to your garden. Bring your color-themed project ideas along to class and Terry will discuss some choices to add to your plant palette.
Thursday, April 9
6 to 8 p.m.

\$28 members; \$34 nonmembers
Botanical Room
Terry Milne

Spring Organic Vegetable Gardening (MBG)

Start a spring vegetable garden this year using organic methods! Topics covered will include garden planning for spring, soil preparation, mulching, composting, insect control, and seed selection. Take a guided tour of the Center for Home Gardening vegetable garden, where the spring vegetable garden is already underway, and learn how to distinguish sprouted vegetables from weeds. Take home a plant for your garden.

Monday, April 13
5:30 to 7:30 p.m.
\$28 members; \$34 nonmembers
Kemper Center for Home Gardening Room
Cheryl Rafert and Tammy Palmier

Rain Gardens (MBG)

Come learn more about how you can plan and install one in your home landscape as a means not only to capture storm water runoff but also to create a colorful and pleasing garden that attracts butterflies and birds. Rain gardens represent a sustainable landscaping initiative that many communities and homeowners are adopting not only to beautify the landscape but also to reduce pollution in our streams and waterways while simultaneously supporting ecology and the general environment.

Tuesday, April 14
5 to 7 p.m.
\$28 members; \$34 nonmembers
Botanical Room
Ned Siegel

Organic Gardening Basics (MBG)

With increasing concern over the adverse effects of synthetic, chemical pesticides in the environment, concerned gardeners are looking for effective alternatives. Organic gardening is where many of these ecologically minded gardeners are turning. In this class, Cheryl will explain the basic principles of organic gardening which can provide a conservative and economical approach to gardening. Organic approaches to soil preparation, pest control, and plant care will be covered.

Monday, May 4
5:30 to 7:30 p.m.
\$31 members; \$37 nonmembers
Kemper Center for Home Gardening Room
Cheryl Rafert

Growing Hydrangeas (MBG)

Hydrangeas are amazing shrubs that provide 4 seasons of interest. Anne will guide you through which species and cultivars are most successful for our area and will cover pruning techniques and selections for the best blooms. Following the presentation, Anne will take you on a tour of the Center for Home Gardening's amazing collection with tips along the way. Come prepared for a short walk.

Monday, June 22
6 to 8 p.m.
\$28 members; \$34 nonmembers
Kemper Center for Home Gardening Room
Anne Kirkpatrick

Historic trees of the Garden (MBG) *NEW*

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.

Monday, July 27
9 to 11 a.m.
\$28 members; \$34 nonmembers
Meet at the ticket counter
David Gunn

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 PowerPoint presentation and lots of time on the Garden grounds. What better place to learn about trees than the best garden in the world? Come prepared for a 1-mile walk.

3 Tuesdays: May 12, 19, 26
5 to 7 p.m.
\$84 members; \$100 nonmembers
Price per person, per 3-session class
Garden Room
Mark Grueber

Seeing Trees (MBG)

Deepen your understanding of trees in this two-session class expanded due to popular demand. In the first session, David will discuss tree anatomy, soil structure, and basic tree I.D. In the second class, learn David's favorite trees, good tree practices, and trees to avoid. Dave will also answer questions throughout. Bring your walking shoes to see the best tree garden in St. Louis. Come prepared for a 1-mile walk.
2 Tuesdays: May 12, 19
5 to 7 p.m.

\$56 members; \$67 nonmembers
Price per person, per 2-session class
Meet at the ticket counter
David Gunn

Spring Lawn Care (MBG)

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

Tuesday, March 31
6 to 8 p.m.
\$28 members; \$34 nonmembers
Botanical Room
Glenn Kraemer

DIY Repot Your Orchids (MBG)

Bring 1 pot-bound orchid to class and Babs Wagner will show you the proper way to give it more room. She will also talk about sterile pruning practices, culture information, and more! Please bring your own pruners. Soil and pots are provided.

Tuesday, April 7
5 to 7 p.m.
Botanical Room
Babs Wagner

Gardening and Landscaping continued...

Growing Orchids Part II (MBG)

Are several of your orchids overgrown? Is it time to repot them? If so, then this class is for you. Babs Wagner will show you how to divide and repot a variety of orchids like Phalaenopsis, Dendrobiums, Cymbidiums, and more in this demonstration class.

This course is appropriate for both orchid novices and enthusiasts.

Saturday, April 18

10 to 11:30 a.m.

Meet at the ticket counter
Babs Wagner

The Beauty of Boxwoods (MBG) **NEW**

If you're intrigued by the beautiful hedges in our Blanke Boxwood Garden, join The Boxwood Society for a presentation on current trends, propagation, and concerns regarding Boxwoods. You will also learn the most current recommendations for maintenance, pruning, and proper care of all your pruning equipment. Come prepared for a walk to the Center for Home Gardening and a tour of the Boxwood Garden, approximately 1 mile.

Saturday, April 18

10 a.m. to noon

\$28 members; \$34 nonmembers
Kemper Center for Home Gardening Room
The Boxwood Society

Pruning with Ben Chu (MBG)

Pruning is often needed to control plant size, enhance beauty, correct damage from pests, and increase flower and fruit production. In this class, you will learn when and how to prune trees, shrubs, and evergreens to maximize these beneficial effects. In addition, you'll learn about the selection and care of the best pruning tools.

Tuesday, April 21

5 to 7 p.m.

\$28 members; \$34 nonmembers
Botanical Room
Ben Chu

Behind the Scenes: Spring Bulb Tour (MBG) **NEW**

The Missouri Botanical Garden is known worldwide for its fabulous bulb collection. Join horticulturist Travis Hall as he leads an intimate tour through the Bulb Garden, pointing out the beauty and diversity of spring flowering bulbs. He'll discuss design concepts, bulb physiology, and cultural methods required for growing healthy bulbs in this outside class.

Come prepared for a 1-mile walk.

Wednesday, April 22

5 to 6:30 p.m.

\$21 members; \$25 nonmembers
Meet at the ticket counter
Travis Hall

Rescue Your Zoysia (MBG)

Zoysia has different cultural requirements than cool-season grasses. In this class, specific information and schedules for fertilizing, watering, and weed control will be presented. Learn how to make your zoysia lawn the best on the block with minimal effort.

Tuesday, April 28

6 to 8 p.m.

\$28 members; \$34 nonmembers
Botanical Room
Glennon Kraemer

Thriving Perennials (MBG)

Some information about perennial maintenance in gardening books is inappropriate for the Midwest gardener. In this 2-hour walking tour in the Center for Home Gardening gardens, Aaron will highlight what to do this season and what not to do for the most popular perennials. Tips will include pruning, common mistakes, mulching, and getting ready for the next season. Come prepared for a short walk during class.

Saturday, May 2

10 a.m. to noon

\$28 members; \$34 nonmembers
Garden grounds, Kemper Center
for Home Gardening Room
Aaron Lynn-Vogel

GARDENING FOR BIODIVERSITY

Native Plant School (SNR)

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

1 to 4 p.m.

\$14 members; \$17 nonmembers
Carriage House

Water Garden Features for Wildlife

Water gardens and birdbath bubblers are the best way to attract wildlife to your garden. Come learn how to plan and create birdbaths that gurgle, drip, and flow year-round using sunlight. Also learn how to create a mini pond in a container and a small frog pond. Come prepared for a short walk.

Thursday, April 9

Scott Woodbury

Wild Edible Plants

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, discuss different ways to utilize them in recipes, and sample them too! This will be a fun and interactive class for gardeners and cooks alike. Come prepared for a short walk.

Thursday, May 21

Jen Sieradzki

Volunteer Opportunities

Take action to bring more significance to your daily life!

Become a part of a vital volunteer community at the Garden, Butterfly House, Shaw Nature Reserve, or Litzsinger Road Ecology Center.

Interested? Please visit mobot.org/volunteer to view opportunities and fill out an application.

Learn more:
Call (314) 577-5187 or email volunteer@mobot.org



Gardening and Landscaping continued...

Council Ring Conversations (SNR) *NEW*

These informal classes will be conversational in style and will occur in the new Council Ring Garden. Class will meet indoors if rain. You are welcome to bring your own appetizers and beverages. 5 to 7 p.m.

\$10 members; \$12 nonmembers

Carriage House

Scott Woodbury and guests

Designed Plant Communities

Designed plant communities are densely planted, plugged plantings with high species diversity. They aren't maintenance free by any means, but take half as much time to maintain compared to a traditional landscape. For large-scale landscapes, time management is critical. As a society, we either need to begin to fully realize the cost of traditional landscape maintenance or use smarter designed plant communities to leverage ever-shrinking resources. **Thursday, April 23**

Incorporating Native Landscape Concepts into Existing Non-native Gardens

More often than not, homeowners are looking to add native plants and features to already existing gardens full of non-native plants. This discussion will explore how to incorporate native plants into existing gardens. It will cover the pros and cons of certain cultivars of native plants. It will also help you understand garden design better so your gardens will not only look good to birds and butterflies, it will look great to you. **Thursday, May 14**

Rainscaping Practices

Rain gardens function like miniature natural watersheds. They slow down, capture and absorb water using elements similar to those in nature: plants, rocks, shallow swales, and depressions that hold water temporarily rather than let it quickly run away. They provide beauty, natural diversity, and wildlife habitat in areas that otherwise would be a monoculture of lawns, pavement, concrete culverts, and storm drains. This conversation will discuss how to plan, install, and maintain rain gardens. It will also introduce you to MSD Project Clear, a small grant program that funds rainscaping practices in St. Louis. **Thursday, June 11**

Seeded Prairie and Savannas

Do you have too much lawn? Do you want to convert an old pasture into tallgrass prairie? It's a good time to get serious about converting that turf or pasture to prairie or savanna. How can it be done in urban locations? What about the perceptions of weediness? Come discuss how to plan, install, and maintain natural-style prairie or woodland landscapes (using seed) with high diversity and low maintenance. **Thursday, July 9**

Inviting Native Bees into Your Garden (MBG)

Learn how to create an inviting bee-friendly garden this Spring. There are thousands of native bee species that are important pollinators in your garden. Beginning with a discussion of how to identify these pollinators, we will learn which common vegetable plants benefit from these native bees and which flowering plants will attract bees to your garden. We will also discuss the nesting sites of these bees and you will make a native bee house to take home. The class concludes with a tour of the vegetable garden to see the pollinators at work. Come prepared for a 1-mile walk. **Wednesday, April 29**
6 to 7:30 p.m.
\$21 members; \$23 nonmembers
Kemper Center for Home Gardening Room
Chris Hartley

Gardening for Hummingbirds (MBG)

Interested in attracting hummingbirds to your garden? Learn how to create the ideal hummingbird habitat in your own yard. We will take a walk to the Bird Garden and take home a humming bird-attracting plant to get you started! Come prepared for a ½-mile walk. Bring a sack lunch. **Tuesday, June 2**
11 a.m. to 1 p.m.
\$33 members; \$39 nonmembers
PlantLab
Sharon Lloyd

Top 10 Natives (MBG)

Do you see native plants for sale at nurseries but are not sure which ones to choose or how to combine them in your existing garden? Join us as we take a look at the top 10 native plants, shrubs, and trees for the St. Louis area and learn how to incorporate them into your landscape. Take home a native plant to get you started. Come prepared for a 1-mile walk. **Thursday, June 18**
5:30 to 7:30 p.m.
\$33 members; \$39 nonmembers
Botanical Room
Sharon Lloyd

"Know" Maintenance Perennial Gardening (MBG)

Do you want more beauty with less work? Are you sick of caring for fussy perennials that require too much TLC? Join Garden horticulturist Nathan Urban to learn about a new perspective in Perennial gardening. Nathan will teach you the principles of "knowing" your plants' needs and ornamental qualities to make perennial gardening easier. You will be introduced to some great plants and designs that work well with this method. A short walking tour of the "Know" Maintenance Garden will follow. **Monday, July 27**
5 to 7 p.m.
\$28 members; \$34 nonmembers
Kemper Center for Home Gardening Room
Nathan Urban

Made in the Shade (MBG)

Do you have a shady spot in your garden? A diverse world of beautiful plants thrive in shady environments. Learn about great plants that add color and texture to part-shade and full-shade gardens and then take a walking through the Garden to meet them yourself. Class will finish in the Strassenfest German Garden. Come prepared for a 1-mile walk. **Monday, April 20**
6 to 8 p.m.
\$28 members; \$34 nonmembers
PlantLab
Jim Wagner

EDIBLE GARDENING**Integrated Pest Management for the Vegetable Garden (MBG) *NEW***

Growing your own food without the use of synthetic pesticides requires planning and preparation. Join University of Missouri Horticulturalist, Justin Keay, as he details Integrated Pest Management strategies for the home vegetable garden. Learn to identify common vegetable pests and understand the planning and preparation that will help your garden thrive. **Monday, March 9**
5 to 7 p.m.
\$28 members; \$34 nonmembers
Kemper Center for Home Gardening Room
Justin Keay



Origamiⁱⁿ the Garden

Nature Unfolds April–October

On display throughout Garden grounds, *Origami in the Garden* captures the delicate nature of folded paper in metal sculptures of soaring birds, gliding airplanes, galloping ponies, floating boats, and emerging butterflies—some up to 24 feet tall.

Learn more at mobot.org/origami

**Check Out These Classes Inspired by
Origami in the Garden:**

- Garden Inspired Origami
Page 5
- *Origami in the Garden* Photography
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- Garden Buds: Summer Search for Secrets
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- Budding Artist: *Origami in the Garden*
Page 54

Gardening and Landscaping continued...

Strawberries, Blueberries, and More (MBG)
Grow and harvest sweet strawberries, juicy grapes, 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 and help you avoid common beginner mistakes.

Wednesday, March 11

6 to 8 p.m.

\$28 members; \$34 nonmembers

Garden Room

Elizabeth Wahle

Creating an Edible Food Forest (MBG) *NEW*

In this class, Crystal Stevens, community expert in growing, harvesting, and preserving food, will share tips from her new book to help you discover how to transform your yard into an edible oasis. Crystal will cover the wide range of topics needed to be successful in growing and harvesting edible food in your own yard including soil building, choosing the right plants for our climate, creating cultivated ecologies, creating edible foodscapes, and attracting pollinators. All participants will receive a copy of Crystal's new book, *Your Edible Yard*, to take home.

Saturday, March 21

1 to 3 p.m.

\$40 members; \$48 nonmembers

Kemper Center for Home Gardening Room
Crystal Stevens

Cover Crops for Vegetable Gardens (MBG) *NEW*

Including cover crops in your vegetable garden can be a great way to; suppress weeds, build soil health and structure, increase the fertility of your garden, and so much more! You may have heard a lot about cover crops recently but this practice is thousands of years old. Learn how to get started with cover crops and how they can fit into vegetable gardens throughout the seasons.

Monday, March 23

5 to 7 p.m.

\$28 members; \$34 nonmembers

Kemper Center for Home Gardening Room
Justin Keay

LANDSCAPE DESIGN IDEAS

Landscape Design Made Simple! (MBG) *NEW*

Landscape Design Made Simple was developed to help you "fix" your yard. You don't need to name plants, no need to read "architectural" drawings, just easy to understand concepts. Structured to homeowners, this class has proven to be fun and effective. Amateurs welcome.

Friday, March 27

9:30 a.m. to 12:30 p.m.

\$42 members; \$50 nonmembers

Shoenberg Theater

Jamie Kidd

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: March 11, 18, 25;

April 1, 8, 15

6 to 8 p.m.

\$149 members; \$179 nonmembers

Price per person, per 6-session class
Missouri Room

Russ Volmert

Perennial Bed: Remake (MBG) *NEW*

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

Thursday, April 30

5:30 to 7:30 p.m.

\$28 members; \$34 nonmembers

Garden grounds, Botanical Room

Mariel Tribby



Add More Nature to Your Neighborhood (MBG)

Create a habitat for wonderful song birds and nectar-loving butterflies to share with your children or grandchildren. Learn how to grow plants both native and non-native that are beneficial for wildlife in both shady and sunny locations. Your garden will come alive with the movement of your "visitors."

Tuesday, May 5

6 to 8 p.m.

\$28 members; \$34 nonmembers

Garden Room

Kyle Cheesborough

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

There are many cottage-style gardens but only one Gertrude Jekyll. Learn about her iconic gardens and historic designs. Hear how Garden staff adapted her plant selection for the Midwest and installed the plantings during renovations of the Garden's Herring House. See how the garden went from paper to planting in the Victorian District of the Garden and then take a guided walk around the secluded, non-public grounds. Come prepared for a short walk.

Monday, June 1

6 to 8 p.m.

\$28 members; \$34 nonmembers

Missouri Room

Mariel Tribby

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.

(314) 577-5118

membership@mobot.org

mobot.org/membership



GREEN LIVING



Practicing the 3Rs (MBG)

The 3Rs is a familiar trio of conservation—reduce, reuse, and recycle—but there are often questions about each of these actions. Why is reducing important if items can be recycled? How can items be reused? What happens after plastic goes into that blue bin? The 3Rs series is designed to help answer these questions and many more. Each class will give you tools you can use immediately after leaving class to help “green” your life. Attend 1 or all 3 classes to learn in depth about how you can reduce, reuse, and recycle in your home.

6:30 to 8 p.m.

\$10 members; \$12 nonmembers
Commerce Bank Center for
Science Education, Room 126

Reducing 101

Reducing waste is one of the best ways to help our environment, but it can be difficult to reduce waste in our own lives. Why is reducing so important when recycling is available? How can food waste and waste from single-use items be reduced? This class will help you identify strategies for reducing waste, with a special focus on food and plastic waste. You will walk out with concrete steps for how to reduce your impact on the environment.

Wednesday, March 25

Maggie McCoy

Reusing 101

Discover new ways to reuse old items with the creative staff at Perennial! Tara Morton, Perennial's Programs Manager, will demonstrate techniques for transforming common everyday items into material that can be used in your next craft project. Participants will learn about many different projects that can be made with reused materials, and will even get to make a few handmade projects of their own! We'll talk about ways to reuse year-round, and will make upcycled market bags, seed starters and savers, and markers for the garden.

Thursday, May 21

Maggie McCoy and Tara Morton

Recycling 101

It's often hard to figure out what can be recycled and what has to be thrown away, and even harder to explain it to skeptical friends and family. Are bottle caps okay? What about plastic bags? Does it even get recycled anyway? In this class, you will learn firsthand what actually can be recycled, where St. Louis recyclables go, and what has to be tossed to the landfill. We'll discuss the importance of recycling, the value of products, the process it takes for things to get sorted and recycled, and tips and tricks for you to get friends and family member to embrace recycling in their lives. Leave class feeling knowledgeable and empowered to become a community recycling ambassador.

Tuesday, July 14

Maggie McCoy

Composting in Small Spaces: Bokashi and Vermicomposting (MBG)

During this class we will dive into the science and art of indoor composting, a way to help reduce the amount of kitchen waste your home sends to the landfill daily while creating a nutrient-rich soil amendment for your gardening projects. While there are many composting methods, this class will focus on 2 small-scale, adaptable methods for the kitchen: bokashi and vermicomposting. Maggie will demonstrate how to build each of these systems and participants will walk away with their own kitchen scrap collector to get them started.

Wednesday, April 29

6:30 to 8 p.m.

\$36 members; \$44 nonmembers
Commerce Bank Center for
Science Education, Room 126
Maggie McCoy

DIY Rain Barrel Demonstration (MBG)

In this class, EarthWays Center staff member Kat Golden will share information about the impact stormwater has on our region and how a rain barrel can help prevent pollution among other great garden benefits. After the talk, Perennial staff will demonstrate the full process of how to alter a food-safe 55-gallon drums into rain collectors. You will learn how to incorporate rain barrels into your yard, including creating a base to elevate them, and how to connect them to your gutters. Please note: you will not create a rain barrel in this class, but will be given instruction and a list of suggested materials and supplies to create on your own.

Saturday, May 16

10 a.m. to noon

\$28 members; \$34 nonmembers
Commerce Bank Center for
Science Education, Room 125
Kat Golden and Tara Morton

Green Burial: A Better Way to Go (MBG)

Are you 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 exciting and fascinating options available throughout the world. You will learn the range of “green” funeral and cemetery options available today, like “becoming a tree,” what one can expect when choosing a green service, and the environmental benefits of green burial as compared to cremation and traditional burial.

Wednesday, May 20

6:30 to 8:30 p.m.

\$10 members; \$12 nonmembers
Commerce Bank Center for
Science Education, Room 125
Gracie Griffin

GUIDED WALKS AND TOURS

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

Known and Grown in Missouri: Behind the Scenes of Local Urban Farms (off-site) **NEW**

Join us at one of these exciting opportunities to tour local farms right in our own backyard in our new behind the scenes tours. Each farm featured is part of Known and Grown STL, a program of the Missouri Coalition for the Environment, that promotes local, environmentally responsible farmers within 150 miles of St. Louis. **\$20 members; \$24 nonmembers**

Charleston Family Farm: Choosing Sustainable Fruits

Come and visit a working mini orchard in the city. This tour will be a look into some of the many fruiting trees, shrubs, and vines that grow well in our climate and answer questions about how to grow them sustainably without a lot of costly inputs. One of the best ways to select fruits for your own yard is to see them growing firsthand and hear about the needed time and work to make them thrive before you commit to planting. If you've been curious to see what it takes to grow a raspberry patch, heritage apples, native passion fruit vines, and more, join us this spring. Bring all of your fruit questions along. Come prepared for a short walk. Please note that only street parking is available. The entirety of the tour is outdoors; please dress for the weather and comfort. No restrooms are on site. We will have drinking water available for the tour, or feel free to bring your own. There are uneven paths which can be slippery at times; please consider bringing a cane if you may need extra stability walking outdoors.

Monday, March 23

10 to 11:30 a.m.

\$20 members; \$24 nonmembers

Charleston Family Farm

**3317 South Virginia,
St. Louis, MO 63118**

Kelsey Power

EarthDance Organic Farm: Historic Organic Farm in Ferguson, MO

Gather your friends, family, or civic group for a private tour of our historic farm in Ferguson! EarthDance Organic Farm School's goal is to educate members of the St. Louis community about organic farming and gardening. This special 90-minute tour lead by EarthDance's own farmer will include an overview of the farm's history, an introduction to our many hands-on educational and community programs, and guided walking and tasting tour of our 14-acre non-profit, certified organic farm. Come prepared for a short walk.

Wednesday, May 20

1 to 2:30 p.m.

EarthDance Organic Farm School

233 S Dade Ave., Ferguson, MO 63135

EarthDance Organic Farms Farmer



Tram Tour for Individuals with Memory Loss and Their Care Partners (MBG)

Enjoy a tram tour of the historic Missouri Botanical Garden created especially for people with memory loss and their carepartners. The tour is presented in collaboration with the Alzheimer's Association-Greater Missouri Chapter. Registration is required.

Friday, April 10

or Friday, May 29

or Friday, June 12

10:30 to 11:30 a.m.

Free for members and nonmembers

Meet at the Tram Shelter

Garden staff

Walking Tour for Individuals with Memory Loss and Their Care Partners (MBG)

Enjoy a guided tour of the historic Missouri Botanical Garden created especially for people with memory loss and their family/friends. We will be taking a short walk highlighting the history and beauty of the Garden. Wheelchairs are available at no cost, and scooters are available for a small rental fee. Registration is required. Come prepared for a short walk.

Monday, April 27

or Tuesday, May 18

or Thursday, June 16

10:30 to 11:30 a.m.

Free for members and nonmembers

Meet in Bayer Hall

Garden Docent

Technology of Single Stream Recycling (off-site)

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

Tuesday, April 7

4 to 5:30 p.m.

\$15 members; \$18 nonmembers

Republic Recycling Center

6025 Byassee Dr., Hazelwood, MO 63042

Republic Services staff

Behind the Scenes: Cleaning the City's Wastewater (MBG) **NEW**

Have you ever wondered what happens to all the water that goes down the drain? Now's your chance to find out! Join us as we take a behind the scenes tour of the Metropolitan St. Louis Sewer District's wastewater treatment plant. You'll be amazed at the entire process (and lack of smell!). Learn how MSD's 7 treatment facilities in the St. Louis work around the clock to help keep our waterways clean and what you can do in your own home or yard to help prevent water pollution. Note: This field trip includes a combination of bus travel and a short walk through the treatment plant. Please arrive on time and ready for adventure for this field trip excursion. Please wear closed-toed shoes.

Tuesday, April 14

8:30 to 11:30 a.m.

\$45 members; \$54 nonmembers

Meet at Commerce Bank Center

for Science Education Lobby

Roland Biehl and Metropolitan

St. Louis Sewer District Staff

Behind the Scenes: Landfill Field Trip (MBG)

Take a trip to see where things actually end up when you throw your trash "away." On this popular field trip we will tour a local landfill and learn how landfills are designed to reduce their impact on the environment. Learn about the engineering, regulations and monitoring, and the daily routine of modern landfills. We will discuss the impacts of waste and the future outlook for waste disposal in the St. Louis area. Note: participants will remain on the bus for the duration of the landfill tour. Please arrive on-time and ready for adventure for this field trip excursion.

Wednesday, August 12

9 a.m. to noon

\$45 members; \$54 nonmembers

Meet at Commerce Bank Center

for Science Education Lobby

Kat Golden

Guided Walks and Tours continued...

Bluebells Abound (SNR)

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

Wednesday, April 15

1 to 3:30 p.m.

\$14 members; \$17 nonmembers

Maritz Trail House

Rachel Weller

Sculptures in the Garden (MBG) **NEW**

Did you know Henry Shaw added 6 sculptures to the Garden and no additional pieces were added for over 100 years? Join us for a fascinating walking tour and learn the history of our sculptures, why they are here, and the talented artists that created them. Come prepared for a 1-mile walk.

Saturday, May 30

10 a.m. to noon

\$28 members; \$34 nonmembers

Meet at the ticket counter

Lee Ann Grush

Sacred Seeds Medicinal Walking Tour (MBG)

Take a guided 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 at the Missouri Botanical Garden, will explain the rich cultural history of Native Americans in the Missouri region, their traditions of medicinal plant use, and the legacy that these cultures have left on medicine today. Come prepared for a short walk.

Saturday, June 13

10 to 11:30 a.m.

\$21 members; \$26 nonmembers

Meet at the ticket counter

Wendy Applequist

Behind the Scenes: Tour of the Japanese Garden (MBG)

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

Monday, April 27

or Tuesday, April 28

5 to 7 p.m.

Meet at the ticket counter

\$28 members; \$34 nonmembers

Greg Cadice



Behind the Scenes: Tour of the Water Lilies (MBG)

Please join horticulturist Derek Lyle on a behind-the-scenes tour of the aquatic plant displays. Learn the historical significance of water lilies and the process of creating the displays from start to finish. During this class you will have access to the aquatics greenhouse where propagation and plant production occur. There will be demonstrations in the pools discussing plant maintenance and pollination techniques of the Victorias. Do not forget to bring your camera as you will view the lilies in the outdoor pools during peak lighting hours. Come prepared for a 1-mile walk.

Tuesday, July 28

or Tuesday, August 4

5 to 7 p.m.

\$28 members; \$34 nonmembers

Meet at the ticket counter

Derek Lyle

HEALTH AND WELLNESS



Nature Immersion: Take the Time (MBG) **NEW**

Experience nature at the Garden in a guided, personal way. Immerse yourself in the details of seasonal characteristics by taking time to explore with your senses during a 90-minute walk. The wonders of the Garden will provide a setting for slowing down, with a walk designed to change how you view nature, including suggestions for making these practices a part of everyday life. Come prepared for a 1-mile walk.

Thursday, March 19

10 to 11:30 a.m.

\$28 members; \$34 nonmembers

Meet at the ticket counter

Jeanne Carbone

Mindfulness in the Garden (MBG)

Explore the treasures of the Missouri Botanical Garden through the senses. We will experience the Garden's essence through its sights, sounds, and smells. Learn secrets to dealing with distractions—both inner and outer—and discover the gifts of being fully present. Enrich your appreciation of your surroundings through mindful walking, guided relaxation, and deep listening. Quiet your mind, restore emotional balance, and revitalize by deepening your connection to nature. Come prepared for a short walk.

4 Thursdays: May 21, 28; June 4, 11

9:30 to 11 a.m.

\$75 members; \$90 nonmembers

Price per person, per 4-session class

Garden Room, 6/11 PlantLab

Rhonda Leifheit

Journey to Well-Being

The Journey to Well-Being is an intentional walking program designed to aid participants in experiencing the calming, restorative powers of nature. The Japanese Garden serves as a peaceful setting for people to explore their relationship with nature and with themselves. This 10-week program consists of 3 facilitated meetings, including a guided tour of the Japanese Garden. The remaining weeks consist of 7 self-guided walks, inspired by themes related to natural elements such as wind, stone, tranquil water, fire, wood, powerful water, and sky. Participants will receive a guide book which provides suggested pauses for each walk, intended to increase awareness and encourage time for reflection. Nonmembers will receive 7 garden admission passes in order to complete the walks.

3 Thursdays: March 12; April 9; May 21
or 3 Saturdays: April 18; May 16; June 27
10 a.m. to noon

\$120 members; \$162 nonmembers

Meet at the ticket counter

Jeanne Carbone

Health and Wellness continued...

Butterfly House Yoga (BH) *NEW*

Enjoy an hour-long, all-levels yoga class. Beginners are encouraged to join. Classes will be held indoors and students are invited to a pre-practice meditative stroll through our Conservatory to see our flying butterflies. Doors open at 6 p.m. for a pre-practice meditative stroll.

Tuesday, March 10
or Tuesday, April 14
or Tuesday, May 12
or Tuesday, June 9
or Tuesday, July 14
or Tuesday, August 11

6 to 7:30 p.m.

\$15 members; \$18 nonmembers

Meet at the ticket counter

Yoga Buzz Instructor

Vinyasa Flow Yoga (SNR)

A class for all fitness levels. We will concentrate on connecting the *Ujjayi* breath as you flow from one movement to the next. Bring awareness to the present as you release tension and anxiety with every exhale. Build strength, stamina, and increase your flexibility. Practicing yoga in this serene, natural setting will help you to become a more focused, relaxed, and happier you. Classes will be held in the Carriage House (which overlooks the Whitmire Wildflower Garden).

6 Sundays: April 26; May 3, 10, 17, 24, 31
9 a.m. to 10 a.m.

\$60 members; \$72 nonmembers

Price per person, per 6-session class

Carriage House

Barbie Benetin

Garden Yoga (MBG)

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

Sunday, May 3
or Sunday, May 10
or Sunday, May 17
or Sunday, May 31
9:30 to 10:30 a.m.

\$15 members; \$18 nonmembers

Garden grounds, Missouri Room

Yoga Buzz Instructor

Essentrics: Dynamic Stretch (SNR)

Essentrics is a full-body workout that rapidly changes the shape of your body through a dynamic and fluid combination of strengthening and stretching. The technique develops lean, strong, and flexible muscles with immediate changes to your posture. Perfect for men and women of all fitness levels, this program rebalances the body, prevents and treats injuries, and unlocks tight joints. With a diverse music playlist accompanying each routine, this equipment-free workout leaves you feeling energized, youthful, and healthy.

6 Wednesdays: June 10, 17, 24; July 1, 8, 15
6 to 7 p.m.

\$45 members; \$54 nonmembers

Price per person, per 6-session class

Carriage House

Meaghan McGuire

Wednesday Walkers (SNR)

We will walk on dirt, gravel, and grass trails through woodland, prairie, wetland, and river bottom trails that range from easy to more strenuous beginning at 1 mile and working up to 3 miles (weather permitting). At the end of 2 months you will have hiked most of Shaw Nature Reserve's trails and made new friends. The final walk is called "Reward Wednesday" and includes a potluck gathering.

9 Wednesdays: April 1, 8, 15, 22, 29;

May 6, 13, 20, 27

10 to 11:30 a.m.

Free for members and nonmembers

\$45 nonmembers

Follow the signs from the entrance

Rachel Weller

HISTORY AND HERITAGE

Inside Look at Shaw Nature Reserve (SNR)

Shaw Nature Reserve staff and volunteers will share the history of the Nature Reserve with you through pictures or take you on a tour around the property or behind the scenes in our historic buildings.

10 a.m. to noon

\$9 members; \$11 nonmembers

Daffodil Hike

There are literally thousands of daffodils blooming at Shaw Nature Reserve in late March and early April each year. Hear the history of how the plants came to be here, learn about our different varieties, how to grow them, and view the spectacular display. The hike is a leisurely 1-mile walk on grass and pavement trails. There will be time to take pictures as well.

Thursday, March 26

Meet at the Visitor Center

Rachel Weller

Eastern Bluebirds Tour

View a presentation about our eastern bluebird monitoring program, then drive our 3-mile loop road to tour of the nest boxes and take a peek inside a few boxes to check on chicks. Each year more than 300 chicks hatch in our 86 bluebird boxes. Be prepared to walk on uneven ground to view the boxes (optional).

Friday, May 29

Carriage House

Shaw Nature Reserve

staff and volunteers

**Bellefontaine Cemetery Tour (off-site)**

We invite you to take an amazing bus tour which highlights champion trees, symbolic flora, and gorgeous mausoleums of famous St. Louisans guided by Emily Leidenfrost. 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. Meet the Trolley at Bellefontaine Cemetery in Wildwoods Valley Area.

Saturday, May 2

10 a.m. to noon

\$34 members; \$40 nonmembers

Bellefontaine Cemetery

Emily Leidenfrost

NATURE STUDY

Basics of Birding (MBG)

If you enjoy the outdoors and want to learn more about finding, observing, and identifying birds, this course is for you. Though primarily aimed at beginners, it can also be a refresher course for students who have had some experience. The 4 evening classes will be devoted mainly to learning the local birds, including songs and calls, as well as visual marks. We will cover field guides, binoculars, organizations, and where to go birding around St. Louis. The field trips will visit 2 good areas with a great diversity of spring birds. You will be responsible for your own transportation and lunch and should expect to hike up to 2 miles.

4 Mondays: April 13, 20, 27; May 4
7 to 9 p.m.

2 field trip dates: April 25 and May 2,
time and locations to be determined
\$180 members; \$216 nonmembers
Price per person, per 6-session class
Botanical Room
Joseph Eades

Birding Basics at Shaw Nature Reserve (SNR)

Would you like to learn more about our feathered friends, but not sure where to start? If yes, then join us for an introduction to the basics of birding! We will start inside with the following: an interactive presentation learning how to identify birds using field marks, exploring different types of field guides (including apps), a quick overview of Community Scientist Projects such as the Great Backyard Bird Count, and a brief investigation of migration routes and patterns. Outside, participants will have the opportunity to practice tips for binocular use and we will visit the ponds to view the species present in the spring such as red-winged blackbird, goldfinch, and more. Come prepared for a 1-mile walk.

Thursday, April 23
10 a.m. to noon
\$18 members; \$21 nonmembers
Carriage House
Angie Jungbluth

Migratory Bird Hike (SNR)

We'll begin at the Maritz Trail House and visit the trails near the Meramec River. This is the time of year thousands of birds are migrating through and warblers will potentially be abundant. The various species will be pointed out as we walk along. This walk is for those who have a basic knowledge of local birds and are comfortable using their own binoculars. Walk is approximately 2½–3 miles with some rocky terrain. Bring binoculars.

Wednesday, May 6
8:30 to 11 a.m.
\$10 members; \$12 nonmembers
Maritz Trail House
Don Hays, Shaw Nature Reserve Volunteer



Owls of Missouri (MBG)

Join us as we learn about the characteristics, relationships, adaptations, and the habitat of the nocturnal, crepuscular, and diurnal owl species of the Show-Me State. We will focus on the 4 native owl species that live in Missouri and learn of 4 others who frequent our state during migration and on other occasions. We will take a 1-hour sunset hike to listen and look for any owls living in the Garden. Bring a flashlight or headlamp and join us for a fun evening adventure. Come prepared for a 1-mile walk.

Wednesday, April 8
6:30 to 8:30 p.m.
\$28 members; \$34 nonmembers
PlantLab
Brenda Hente

Morning Bird Walk (SNR)

This morning walk during the height of spring migration is designed to help you see many bird species at Shaw Nature Reserve. This walk is for those who have a basic knowledge of local birds and are comfortable using their own binoculars. Walk will be slow and up to 2 miles on uneven ground with possibly some rolling hills. Come to 1 or all 3 of the walks; each will be different.

Wednesday, April 15
or Wednesday, April 22
or Wednesday, April 29
8:30 to 11 a.m.
\$10 members; \$12 nonmembers
Meet at the Visitor Center
Don Hays, Shaw Nature Reserve Volunteer

FrogWatch USA™ Training

For ages 14 and older. FrogWatch USA™ is a long-term citizen science monitoring program of frogs and toads. As a volunteer-based monitoring program, FrogWatch USA™ gives citizens across the country an opportunity to be directly involved in gathering information that can ultimately lead to practical and workable ways to stop amphibian decline. You do not have to be a frog or toad expert to be a FrogWatch USA™ volunteer, just have an interest in frogs and toads and a willingness to participate. Come prepared for a short walk.

Free for members and nonmembers

at Shaw Nature Reserve
Thursday, March 19
1 to 3 p.m.
Carriage House
Rachel Weller

at the Butterfly House
Saturday, March 7
6:30 to 8:30 p.m.
Lopata Learning Lab
Curtis Parsons

Signs of Spring (SNR)

Take a walk through Shaw Nature Reserve with Master Naturalists who know the best spots to view signs of springs—specifically spring wildflowers. Come ready for a 3-mile moderate hike; bring water and hiking shoes/boots with camera in hand!

Friday, April 3
1 to 4 p.m.
\$10 members; \$12 nonmembers
Meet at the Visitor Center
Master Naturalists
Besa Schweitzer and Darla Preiss

Gardens for Native Bees (BH) **NEW**

Learn about the common native bees that call Missouri home. This class will cover how to identify common native bee species as well as how we can provide shelter for them around our homes. We will cover some easy-to-grow native plants that attract these bees and provide sustenance for them, and we will also discuss where and how they nest.

Saturday, March 21
2 to 3:30 p.m.
\$21 members; \$25 nonmembers
Lopata Learning Lab
Chris Hartley

Plant Milkweed for Monarchs (BH) **NEW**

This class will cover what makes milkweeds such special plants and why they are the only possible food source for monarch butterflies. You will learn how to grow common species of milkweed, and you will also learn the basics of monarch biology including their lifecycle, migration, and more. We will also cover some of the other insects that call milkweed plants home and learn their role in the local ecosystem.

Saturday, April 25
2 to 3:30 p.m.
\$21 members; \$25 nonmembers
Lopata Learning Lab
Chris Hartley



Raising Monarchs: Tagging and Testing (MBG)

Learn how to participate in the Citizen Science aspect of monarch conservation. Josh will cover why we tag monarchs and how you can do it at home. He will discuss the problems associated with natural parasites such as protozoans and parasitic flies that can kill monarch chrysalises. Learn how to send off valuable information people can collect at home to scientists who will use it to aid conservation efforts.

Saturday, May 2
9 to 11 a.m.

\$28 members; \$34 nonmembers
Botanical Room
Josh Higgins

Midwest Butterfly Identification (BH) **NEW**

Would you like to learn how to identify native butterfly species? This class will look at the 25 most common butterflies in the St. Louis region and give detailed instructions on how to identify them and distinguish them from similar species. All experience levels are welcome, from beginner to expert. Come learn about butterflies from Butterfly House entomology staff.

Saturday, May 9
2 to 3:30 p.m.

\$21 members; \$25 nonmembers
Meet at the ticket counter
Chris Hartley and Tad Yankoski

Getting to Know Local Caterpillars (BH)

What's that caterpillar on my plant? This class will help you learn to recognize some of the most common caterpillars found in home gardens. We will focus on butterfly caterpillars but will also mention some moths that are commonly seen. You will learn host plants that can be added to your garden to specifically attract these caterpillars and we will cover references that can be used to continue learning. We will conclude with a short walk to look at host plants in our garden.

Saturday, June 13

2 to 3:30 p.m.

\$21 members; \$25 nonmembers
Lopata Learning Lab
Chris Hartley

Weather Spotters (MBG)

Learn the basic tools you need to become a Severe Weather Spotter for the National Weather Service. Starting with a blue sky, individuals are taught the basics of thunderstorm development, storm structure, and what features to look for and where to find them. What and how to report information and basic severe weather safety are also covered. This multimedia presentation is appropriate for public service as well as those interested in learning more about St. Louis weather. There are no age restrictions for attending this class, but only high school age and older may sign up to be a volunteer weather spotter. Minors must be accompanied by an adult. Limited walk-ins accepted.

Tuesday, April 7

6:30 to 9 p.m.

Free for members and nonmembers
Shoenberg Theater
Kevin Deitsch

Spring Wildflower Walk (SNR)

Join these informal, educational walks through the colorful spring season. The Nature Reserve's excellent trail system, winding through upland and bottomland forest, is an ideal place to enjoy ephemeral spring wildflowers and other natural wonders. Come prepared for a 1-mile walk.

Thursday, April 9

or **Thursday, April 16**

or **Thursday, April 30**

or **Thursday, May 7**

or **Thursday, May 14**

or **Thursday, May 28**

or **Thursday, June 4**

9:30 a.m. to noon

\$18 members; \$22 nonmembers

Meet at the Visitor Center

Dr. James Trager

Wild Edibles (SNR)

Learn to identify some of the common seasonal wild edibles found in Missouri. This class includes safety tips for foraging plants, identification keys, a hike to let you practice identifying wild edibles in their environment, and the opportunity to sample a variety of raw and prepared wild foods. Come prepared for a ½-mile walk.

Sunday, May 3

9 a.m. to noon

\$24 members; \$30 nonmembers

Adlyne Freund Center

Dr. Catrina Adams

Advanced Wild Edibles (SNR)

Further your knowledge of wild edibles and other useful plants with this advanced class. Learn new ways to process and prepare wild plants, go on a brief hike to become more comfortable identifying wild edibles in their environment, and have the opportunity to practice processing techniques and sample a variety of raw and prepared wild foods. Come prepared for a ½-mile walk.

Sunday, May 3

1 to 4 p.m.

\$24 members; \$30 nonmembers

Adlyne Freund Center

Dr. Catrina Adams

Urban Foraging: Wild Edibles (MBG)

Did you know that many of the weeds you see in sidewalk cracks and empty lots are species that humans have been eating or using in one way or another for thousands of years? Join paleoethnobotanist Dr. Catrina Adams to learn some fascinating facts about the tough plants that thrive in urban environments, their uses, and some safety concerns to keep in mind when foraging plants in cities. Class includes a walk outside to look at urban edibles.

Saturday, May 30,

1 to 4 p.m.

\$28 members; \$34 nonmembers

Meet in the Botanical Room

Dr. Catrina Adams

Introduction to Tree Identification (BH)

Have you ever been walking in the park and wondered, "What kind of tree is that?" Or maybe you have a tree in your backyard that you'd like to know what it is. Join us at the Butterfly House for an introduction to tree identification. Discuss the features to examine on a tree for proper identification and learn about Missouri's most common trees. We will conclude with a walk in our Native Garden and in Faust Park to identify trees in the field. Come prepared for a ½-mile walk.

Saturday, June 6

8:30 to 10:30 a.m.

\$21 members; \$25 nonmembers

Lopata Learning Lab

Curtis Parsons

Wetland Walk (SNR) **NEW**

Join Dr. James Trager as he guides you through our wetland full of wildflowers (water lilies might be in full bloom), bald cypress, red-winged blackbirds, various amphibians that might be calling, and much more. Learn new species of plants and animals or review what you already know as we walk the 1½-mile mostly flat gravel trail plus enjoy a stroll on our wetland boardwalk as you hear how this area has transformed over the years.

Thursday, June 11

9:30 a.m. to noon

\$18 members; \$22 nonmembers

Wetland parking lot

Dr. James Trager

OUTDOOR ADVENTURES FOR ADULTS, YOUTH, AND FAMILY

Evening Raptor Hike (SNR)

Come learn about the raptors that call Shaw Nature Reserve home such as the barn owl, barred owl, great horned owl, eastern screech owl, American bald eagle, and more. We'll begin indoors with a brief presentation about these amazing animals, hear how conservation efforts like restoration have helped them, and take a 2-mile night hike to view ideal habitat for these animals and potentially hear or see them.

Friday, April 3

6:30 to 8:30 p.m.

\$14 members; \$17 nonmembers

Adlyne Freund Center

Brenda Hente

Hiking with Rover Series (SNR)

For ages 8 and older. This is a rare opportunity to spend time with your 4-legged friend at the Nature Reserve where dogs are not normally allowed. Your dog must be socialized (nice to all dogs and people), remain on 6-foot leash at all times, and you must pick up and properly dispose of all waste. Please bring a current vaccination record on the day of class and be sure to include the weight of your dog when registering.

Price per person

Adlyne Freund Center

Karen Bryan

Mini Hiking with Rover

Bring your favorite canine companion for a nice 1-hour hike.

Sunday, April 5

4 to 5 p.m.

\$9 members; \$11 nonmembers

Hiking with Rover (SNR)

Visit the Nature Reserve's wetland and prairie on a 2-hour hike with your dog.

Sunday, April 19

4 to 6 p.m.

\$12 members; \$15 nonmembers

Trail House Hike (SNR)

Take a hike along the trails near the Trail House. This area is scenic Ozark woodlands, dolomite glades, and includes views of the Meramec River from the bluff overlooks. Several spring wildflowers will be along the trail and wildlife such as birds, frogs, and more can potentially be seen. Walk is 2 miles over rocky terrain.

Friday, April 17

10 a.m. to noon

\$7 members; \$9 nonmembers

Maritz Trail House

Loretta Romanic

Canopy Climb

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 to 2:30 p.m.

or 3 to 5 p.m.

\$35 members; \$42 nonmembers

Vertical Voyages

at the Missouri Botanical Garden

Saturday, May 9 or June 20

or Sunday, May 10 or June 21

Meet at climb site; see map provided at registration

at Shaw Nature Reserve

Saturday, May 16

or Sunday, May 17

Maritz Trail House

A Unique Gift
Perfect for
Mother's or
Father's Day!

Quick Start Kayaking (SNR)

For ages 16 and up. This 2½-hour class focuses on the basics of paddling a kayak. Alpine Shop instructors will start the class with a discussion outlining basic safety rules and paddling terminology. On-water instruction will include 4 basic strokes and 5 basic maneuvers to teach new paddlers how to control their boat. Finally, the class will conclude with a review of paddling safety and an optional opportunity to participate in rescue drills for those who feel comfortable being out of their boat. To register go to: <http://bit.ly/alpineprograms>. Be prepared to get in the water.

Sunday, May 17

or Sunday, June 7

or Saturday, July 11

or Saturday, August 15

10 a.m. to 12:30 p.m.

or Sunday, May 17

or Saturday, August 15

1 to 3:30 p.m.

\$45 members; \$45 nonmembers

Follow the signs from the entrance

Alpine Shop

Fly Fishing for Beginners (SNR)

For ages 16 and up. Join members of the Gateway Chapter Trout Unlimited for this beginner classes. Learn about the equipment needed to get started and basic fly-tying and rod-casting skills. Practice catch and release at Pinetum Lake where fishing is not normally allowed. All fishing equipment is provided.

Come prepared for a short walk.

Sunday, April 26

1 to 5 p.m.

\$24 members; \$30 nonmembers

Carriage House

Gateway Chapter Trout Unlimited

Discover Nature: Women's Day (SNR)

For women ages 14 and up. Ages 14–17 must be accompanied by an adult. This program offers the opportunity to participate in outdoor activities led by knowledgeable instructors. Learn, improve, or practice outdoor skills in kayaking, wild edibles, and tree identification and learn natural dyes through flower pounding. In partnership with the Missouri Department of Conservation. Lunch provided.

Thursday, June 4

8:30 a.m. to 4:30 p.m.

\$35 members; \$42 nonmembers

Dana Brown Overnight Center

Shaw Nature Reserve staff and

Missouri Department of Conservation



Stand-Up Paddleboarding (SNR)

For ages 16 and up. Have you ever wanted to get the feeling of standing on water? Get in on the action on one of the hottest trends in paddle-sports: stand-up paddleboarding (or SUP for short). These stand-up boards are versatile, fun, and a new way to experience a day on the water. This 2-hour class will show you the different boards that are available, how to get on and off the board safely, and various paddle strokes used in propulsion and steering. To register to go: <http://bit.ly/alpineprograms>.

Sunday, June 7

or Saturday, July 11

1 to 3 p.m.

\$30 members; \$30 nonmembers

Follow the signs from the entrance
Alpine Shop

YOUTH AND FAMILY



THE LITTLE YEARS

The Little Years Series is designed for parent-and-child experiences at 3 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 includes hands-on activities, songs, stories, snacks, and a short walk. **Price per child; 1 adult per child.**

PLEASE NOTE: Little Sprouts, Little Nature Explorers, Little Bugs, and Garden Buds are specifically designed as an adult/child program. Having younger children present can distract from the one-on-one experience for you and for others. Please no infants or toddlers.

AGES 6 AND UNDER

Little Sprouts: Spring (MBG)

For ages 2–3. Learn about plants and nature with your toddler during this 7-week series. Each session includes indoor, activities, songs, stories, snacks, and a walk in the Garden. This spring we will visit a special garden each week, including the Climatron, Scented Garden, Kemper Vegetable Garden, and Prairie Garden. 10 to 11:30 a.m.

\$105 members; \$126 nonmembers
Price per child, per 7-session series
1 adult per child
 Botanical Room, Garden grounds
 Kelly Wehrheim

Monday Series | 7 Mondays
 April 6, 13, 20, 27; May 4, 11, 18

Tuesday Series | 7 Tuesdays
 April 7, 14, 21, 28; May 5, 12, 19

Wednesday Series | 7 Wednesdays
 April 8, 15, 22, 29; May 6, 13, 20

Little Sprouts: Summer (MBG)

For ages 2–3. Learn about plants and nature with your toddler during this 4-week series. Each session includes indoor, hands-on activities, songs, stories, snacks, and a walk in the Garden. In the first session, we'll use our senses to explore a new part of the Garden each week. In the second session, we'll explore a new Garden habitat each week. 10 to 11:30 a.m.

\$60 members; \$72 nonmembers
Price per child, per 4-session series
1 adult per child
 Botanical Room, Garden grounds
 Kelly Wehrheim

First session
 4 Mondays: June 1, 8, 15, 22
 or 4 Tuesdays: June 2, 9, 16, 23
 or 4 Wednesdays: June 3, 10, 17, 24

Second session
 4 Mondays: July 20, 27; August 3, 10
 or 4 Tuesdays: July 21, 28; August 4, 11

Little Bugs (BH)

For ages 2–4. Explore the world of invertebrates with your toddler while developing language, communication, cognitive, and knowledge skills.

Each session includes story time, craft, snack, and an adventure in our native garden or conservatory.

11 a.m. to noon
\$12 members; \$15 nonmembers
 Lopata Learning Lab
 Butterfly House Staff

Lively Ladybugs
 Monday, March 2

Big Beetles
 Monday, March 9

Sensational Spiders
 Monday, April 6

Ants All Around
 Monday, April 13

Bodacious Butterflies
 Monday, May 4

Witty Water Bugs
 Monday, May 11

Magnificent Millipedes
 Monday, June 1

Charming Cockroaches
 Monday, June 8

Talented Tarantulas
 Monday, July 6

Missouri Millipedes
 Monday, July 13

Fly, Fly, Fireflies
 Monday, August 3

Sporty Skipper Butterflies
 Monday, August 10



Little Nature Explorers (SNR)

For ages 3–5. Early childhood peer interaction is key to early development. Each week has a different nature-based theme, hands-on activities, story time, snack provided, and will be held outdoors (weather permitting). Take 1 class or take them all. Register by March 8 for 3 or more Little Nature Explorer classes, and your child will receive a t-shirt! 10 to 11:30 a.m.

\$12 members; \$15 nonmembers
 Carriage House
 Shaw Nature Reserve staff and volunteers

All About Seeds
 Tuesday, April 7

Let's Pretend: Camping
 Tuesday, May 19

Polliwogs and Popsicles
 Friday, June 19

Creek Play
 Friday, July 17

Summer Wagon Ride
 Friday, August 21

Youth and Family continued...

Garden Buds: Spring (MBG)

For ages 4–6. Discover the amazing world of plants with your preschooler in Garden Buds! Price includes 1 child and 1 adult. Register by March 8 for 3 or more spring Garden Buds classes, and your child will receive a t-shirt!
\$16 members; \$19 nonmembers
 Garden grounds, Botanical Room
 Sharon Lloyd or Kelly Wehrheim

Tropical Treats

Did you know that many of our yummy treats come from plants in the tropical rainforest? Come along as we explore in the Climatron and then make some of our very own delicious tropical treats!
Sunday, March 1
 1 to 2:30 p.m.
 or **Thursday, March 5**
 10 to 11:30 a.m.

A Walk in the Woods

Spring comes to life in the English Woodland Garden. Come along and see the woods wake up from winter. We'll learn about all the critters that call the woods their home and why they think it is such a great place to live.
Sunday, March 8
 1 to 2:30 p.m.
 or **Thursday, March 19**
 10 to 11:30 a.m.

Sweet Spring Smells

What is that wonderful smell? Spring means new growth, flowers, rain, and sweet spring smells! We'll use our senses as we explore all the signs of spring in the Garden, and make an aroma-filled craft to remind us of our visit.
Sunday, March 15
 1 to 2:30 p.m.
 or **Thursday, March 26**
 10 to 11:30 a.m.

The Giving Tree

Help us celebrate Earth Day and Arbor Day by discovering all the treasures we get from trees. We'll eat tree treats and go on a short hike in search of trees. We will also learn different ways we can take care of trees and the environment.
Thursday, April 2
 10 to 11:30 a.m.
 or **Sunday, April 5**
 1 to 2:30 p.m.

Buzzing and Blooming

Let's discover why bees and flowers are such great friends! We'll learn about pollination as we pretend to be bees and go on a flower hunt. Then we'll pot some flowers to take home.
Thursday, April 16
 10 to 11:30 a.m.
 or **Sunday, April 19**
 1 to 2:30 p.m.

Veggie Tales

Every vegetable has a story to tell! Join us as we see how different vegetables grow, create some veggie art, and sample a garden buffet.
Thursday, May 14
 10 to 11:30 a.m.
 or **Sunday, May 17**
 1 to 2:30 p.m.

Garden Buds: Summer (MBG)

For ages 4–6. Discover the amazing world of plants with your preschooler in Garden Buds! Price includes 1 child and 1 adult. Register by May 8 for 3 or more summer Garden Buds classes, and your child will receive a t-shirt!
10 to 11:30 a.m.
\$16 members; \$19 nonmembers
 Botanical Room and Garden grounds
 Sharon Lloyd or Kelly Wehrheim

Search for Secrets:**The Japanese Garden**

Join us for 2 of our favorite topics, both of which can be found in the Japanese Garden: the koi and the lotus, which are often included in stories and artwork that come from Japan. We'll also visit a few of the *Origami in the Garden* sculptures on display as we walk to the Japanese Garden.
Saturday, June 6
 or **Thursday, June 11**

Watercolor in the Garden

Join us as we use the Garden as the inspiration for our watercolor masterpieces. Create your own watercolor pictures while being surrounded by flowers.
Saturday, June 13
 or **Thursday, June 25**

The Butterfly Garden

Did you know that butterflies are very important pollinators in the Garden? Join us as we go in search of these "winged jewels." Plant a butterfly-attracting plant to take home.
Saturday, June 27

A Gnome Home/Fairy Garden

Back by popular demand! After a visit to the Garden, we will each create our own tiny container garden to take home. Let your imagination soar as you design your tiny treasure.
Saturday, July 11
 or **Thursday, July 16**

Become a Plant Detective

Do you see what I see? Become a young plant detective as we head out to the Garden with our magnifying glasses to discover the many things that are hanging around, including man-made things and natural items like plants, seeds, and tiny living creatures.
Saturday, July 25
 or **Thursday, July 30**

Everlasting Flowers

Join us as we learn about which flowers you can grow at home that will last forever and make your own flower craft to take home.
Saturday, August 8

Birthday Parties

Have your child's next birthday party at the **Butterfly House!**

Parties are perfect for children of all ages and are available year round

Contact us at bhevents@mobot.org to learn more!



AGES 6 AND UP

Budding Scientist (MBG)

For ages 6–12. Join us during your spring and summer breaks to explore and observe plants and animals in the Garden as we become Budding Scientists. We'll learn about plant and animal lifecycles, interactions, and ways to become better stewards of the environment. Be prepared to spend the entire time outdoors. Price per child, per class.

1 adult per 3 children. Younger siblings may attend. Registration is required.

Free for members; \$3 plus admission for nonmembers

Meet at Spoehrer Plaza between Latzer Fountain and the Tram Shelter
Kelly Wehrheim

Cherry Blossom

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

Friday, March 13, 20, or 27;

or April 3, 10, or 17

10 to 11:30 a.m.

or 1 to 2:30 p.m.

Summer Solstice

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

Friday, June 12 or 26; or July 24
10 to 11:30 a.m.

Celebrate Urban Birds

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

Friday, June 19; or July 17 or 31
10 to 11:30 a.m.

Budding Artist (MBG)

For ages 6–12. Join us each season as we explore nature by make 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 to 3 p.m.

\$20 members; \$24 nonmembers

Botanical Room and Garden

grounds except 3/15

Kelly Wehrheim

Springtime Journal

Join us as we celebrate spring in the Garden by making a journal. Then we'll use our journals in the Garden to examine the new plant growth and search for animals visiting.

Sunday, March 15

Note: this class will be held in PlantLab

Origami in the Garden

This summer we'll make a small origami book. Then we'll use this book to draw in while we visit the *Origami in the Garden* Sculptures.

Sunday, May 3

Insect Observation Journal

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

Sunday, June 7

Beatrix Potter and the Vegetable Garden

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

Sunday, August 16



Great Green Adventures (MBG)

For ages 6–12. Sign up now or just drop in to explore a special area of the Garden. Younger siblings may attend.

10:30 to 11:30 a.m.

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

Free for members; \$3 plus admission for nonmembers

Meet at Doris I. Schnuck

Children's Garden Ticket Fort
Kelly Wehrheim

Getting the Garden Ready

Let's explore the Vegetable Garden before it's planted. What would you plant in your very own vegetable garden?

Saturday, March 21

Spectacular Spring

Spring is in the air! Join us as we take a stroll and search for spring wildflowers.

Saturday, April 18

Missouri Native Shade Garden

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

Saturday, May 16

Interesting Insects

What insects call the Garden their home? We'll search for insects and spiders that make their home in the Garden.

Saturday, June 20

Exploring the Chinese Garden

Tucked away from view, the Chinese Garden may be easy to pass by, but this special garden is well worth the stop.

Saturday, July 18

Dazzling Dragonflies

Join us as we search the pond and the Central Axis pools for these amazing insects.

Saturday, August 15

Youth and Family continued...

Nature Navigators (SNR)

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

Kid's First Time Fishing

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

Saturday, June 6

9 to 11:30 a.m.

\$12 members; \$14 nonmembers

Follow the signs from the entrance

Shaw Nature Reserve staff and

Missouri Department of Conservation

Geocaching

You will learn navigation basics, how to use a GPS, what geocaching is, and practice finding a cache before going out on the trail to find the 8 hidden caches. Come prepared for a 1-mile walk.

Wednesday, June 17

10 a.m. to noon

\$10 members; \$12 nonmembers

Carriage House

Rachel Weller

Spring Chorus

Our wetland is full of chorus in the spring from all the toads and frogs calling. We'll hike 2 miles roundtrip on the wetland trail as we try to catch tadpoles at the boardwalk, see red-winged blackbirds from up high in the bird blind, and end with a sweet treat.

Thursday, May 28

10 a.m. to noon

\$12 members; \$14 nonmembers

Follow the signs from the entrance

Rachel Weller

River Trail Adventure

Climb aboard the wagon and we'll ride to the Trail House where the adventure begins! We'll learn 5 native trees, practice learning animal tracks in the small creek crossing, visit the Meramec River gravel bar to explore, and enjoy popsicles to cool off when we return to the Trail House. Be prepared to hike up to 1½ miles including uphill.

Thursday, June 11

10 a.m. to noon

\$12 members; \$14 nonmembers

Meet at the Visitor Center

Rachel Weller

Camp EarthWays: Young Green Builders (MBG)

For ages 10–13. Calling all cool planet kids! Come explore the built environment with the Garden's sustainability team, the EarthWays Center. In this week-long day camp, campers will investigate sustainable building design, principles, and concepts as they create their fantasy green home from the inside out. Campers will get to interact with architects and other green building experts from the St. Louis region, hop aboard public transportation to discover new St. Louis sites, and make their dreams come to life! Many thanks to the St. Louis–Jefferson Solid Waste Management District for making this program available at a lower cost to our participants.

July 6–10

9 a.m. to 4 p.m. daily

\$170 members; \$195 nonmembers

PlantLab

Maggie McCoy and

EarthWays Center Staff

CONNECTING SCOUTS TO NATURE

Explore the world of insects, go for a hike, or get your hands dirty planting a seed!

Scouts enjoy a variety of hands-on, nature and STEM-based programming at all 3 of our sites: Missouri Botanical Garden, Shaw Nature Reserve, and the Sophia M. Sachs Butterfly House.

Programs are aligned with badge and award requirements.

- Programs for Troops and Dens
- Scouting Award Workshops
- Scout Night at the Missouri Botanical Garden (April)
- Girl Scout Night at the Butterfly House (April)
- Scout Day at Shaw Nature Reserve (May and October)
- Merit Badge Skill Centers for Boy Scouts
- Overnights at the Missouri Botanical Garden, Shaw Nature Reserve, and Butterfly House



Find the perfect fit for your group at mobot.org/scouts



Keeper for a Day (BH)

For ages 8–12. Students will get an opportunity to go behind the scenes and see what is involved in our animal care. Working alongside our entomology and education staff, students will assist with general care of our animals. This includes feeding insects, releasing butterflies, preparing fruit trays, and more. Students also participate in animal handling demonstrations for the public. This program will give students an understanding of the skills necessary for taking care of live arthropods. Each participant will receive a name badge, t-shirt, and mounted butterfly to take home. To schedule a date, please call (314) 577-0888 ext. 2
8:30 a.m. to noon
\$100 members; \$120 nonmembers
Meet at the ticket counter
Butterfly House staff

FAMILY PROGRAMMING

Shaw Family Adventures (SNR)

For families with kids ages 3–10. 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.
10 a.m. to noon
\$7 members; \$9 nonmembers
Carriage House
Shaw Nature Reserve staff

Wagon Ride

Hear a story, climb aboard the wagon to search for signs of summer during your scavenger hunt ride, explore at 2 short stops, and enjoy a cool treat. Come prepared for a short walk.
Friday, June 26

Creek Stomp

Grab your creek shoes and come explore Brush Creek with us! We will see what kinds of critters live in the creek. Come prepared for a 1-mile walk.
Tuesday, June 16
or Thursday, June 18

Polliwogs and Popsicles

We'll take a hike to see what we can spy, use nets to explore what's in the water, make a craft, hear a story, enjoy a popsicle, and play games along the way. Come prepared for a short walk.
Friday, July 24

Morphos and Muffins (BH)

For families with kids of all ages. Join us for a unique and unforgettable experience at the Butterfly House. Participants in this program will be able to release a blue morpho butterfly into our Conservatory. After the release, spend the rest of the class visiting our butterflies in the calm early morning before we open for the day. Participants will also enjoy a muffin and beverages as part of this program. Price is per person. You may purchase additional releases during the event.
Saturday, March 21
9 to 10 a.m.
\$9 members; \$11 nonmembers
Meet at the ticket counter

Easter Brunch Featuring Seed Sprout Spoon (BH) **NEW**

For families with kids of all ages. Bring the family together for a unique brunch experience at the Butterfly House! We're partnering with Seed Sprout Spoon to create a truly brunchtastic event. Enjoy a delicious meal on our Lakeside Terrace, followed by a stroll in the garden and a trip to the Conservatory to visit our beautiful butterflies. Brunch buffet, coffee, and juice provided with ticket price. Alcoholic beverages will be available for purchase. To ensure your family is seated together, please register your entire group at one time. We cannot accommodate groups larger than 10.
Sunday, April 12
10:30 to 11:30 a.m.
or noon to 1 p.m.
or 1:30 to 2:30 p.m.
\$44 members ages 13 and up;
\$48 nonmembers ages 13 and up;
\$27 children ages 3 to 12
Emerson Lakeside Terrace

Dads, Dogs, and Donuts (BH) **NEW**

For families with kids of all ages. Bring the whole family to the Butterfly House as we celebrate dads, grandpas, and uncles! Enjoy delicious donuts, fun activities, and meet Clifford the Big Red Dog! Guests will enjoy story time and have the opportunity to take photos with Clifford.
Saturday, June 20
9 to 10 a.m.
or 10:30 to 11:30 a.m.
or 1 to 2 p.m.
\$9 members; \$11 nonmembers
Lopata Learning Lab

Bookworm Brunch Featuring Llama Llama Red Pajama (BH) **NEW**

For families with kids of all ages. Join us at the Butterfly House for a pajama party with our guest of honor, Llama Llama! The morning will be filled with activities, story time, a delicious breakfast, and of course photos with Llama Llama. All guests are encouraged to wear their favorite pajamas!
Saturday, July 25
or Sunday, July 26
9:30 to 10:30 a.m.
\$15 members; \$20 nonmembers
Meet at the ticket counter



Painting Pollinators (BH) **NEW**

For families with kids 6 and up. You and your family are formally invited to enjoy an afternoon of drinks, snacks, and painting. No prior experience is needed. Follow along with an instructor to learn how to paint a colorful butterfly on canvas! All paint supplies, snacks, and drinks provided.
Sunday, June 14
2 to 4 p.m.
\$32 members; \$38 nonmembers
Lopata Learning Lab
Maggie Farrell

Design a Pollinator Garden (BH) **NEW**

For families with kids 6 and up. Design your family pollinator garden like an expert. Our staff will teach you some good strategies for picking pollinator garden plants, and we will do a fun activity to learn how gardens are designed. Each participant will take home a personalized pollinator garden design and a pollinator plant to start the process.
Sunday, April 19
2 to 3:30 p.m.
\$14 members; \$17 nonmembers
Lopata Learning Lab
Butterfly House staff

SPECIAL EVENTS

MISSOURI BOTANICAL GARDEN



2020 Events

Orchid ShowFeb. 1–Mar. 22
 Orchid Nights Feb. 13, 20, 27, and Mar. 5
 Science Open House Mar. 14
 Meet Me Outdoors in St. Louis Apr. 1–30
 Sake and Sakura Apr. 3
Origami in the Garden April–October
 Chinese Culture Days Apr. 25–26
 Grapes in the Garden May 8
 Whitaker Music Festival Wed. Nights,
 May 28–Aug. 28
 Origami Nights Thurs. and Fri. Nights,
 May 27–July 29
 Green Living Festival June 6
 Henry Shaw's Birthday ^(Observed) July 22
 Japanese Festival Sept. 5–7
 Best of Missouri Market Oct. 2–4
 Spirits in the Garden Oct. 30
 Victorian Christmas Nov. 21–Jan. 3, 2021
 Garden Glow Nov. 21–Jan. 3, 2021

Visit mobot.org/events for updates and information about special, one-time events!

Green Living Festival (MBG)

Join us at our annual Green Living Festival! Be inspired and connect with practical sustainable solutions for where you live, learn, work, and play! Celebrate sustainable living and get expert tips on recycling, energy efficiency, NatureScaping and native gardens, renewable energy systems, transportation, décor, and more! Bring your home and lifestyle improvement ideas and talk with 40+ green product and service exhibitors. For kids: a recycled art project, games, solar cars, and solar oven s'mores. Specialists from all areas of sustainability will gather together to share their ideas and resources. Enjoy diverse workshops and DIY demos about the many ways that plants, air, water, soil, and energy sustain our homes, lives and the planet. Savor local foods and beverages at this fun, family-friendly event.
Saturday, June 6
9 a.m. to 4 p.m.

Free for members; included with admission for nonmembers

BUTTERFLY HOUSE

Morpho Mardi Gras (BH)

Escape the cold by visiting Morpho Mardi Gras: Bugs, Butterflies, and Beads! Bring your krewe to the carnival during the months of February and March. Join the party at our Bugs on Parade, make a masquerade mask, and immerse yourself in a sea of blue as the Butterfly House floods the Tropical Conservatory with thousands of blue morpho butterflies. Inaugurate the season with these and other majestic creatures.
Tuesday–Sunday, February–March
10 a.m. to 4 p.m.

Free for members; included with admission for nonmembers



Fancy Tea with Mommy and Me (BH)

Don't be late for this very important date! Our tea party will have you feeling fancy and acting silly as we celebrate mommies, grammies, and aunites. We'll be eating tasty treats and sipping delightful drinks while having fun in Wonderland!

Saturday, May 2

10 to 11:30 a.m.

or Sunday, May 3

10 to 11:30 a.m.

or 2 to 3:30 p.m.

\$15 members; \$20 nonmembers

Meet at the ticket counter

"Under the Big Top" at the Butterfly House (BH) **NEW**

Ladies and gentlemen! Boys and girls! Step right up to witness our magnificent menagerie as the Butterfly House goes "Under the Big Top" this summer! Guests of all ages will be awed by arthropod acrobats and thrilled by the sideshow spectacles. Spy on the fabulous flea circus and then meander through circus-inspired botanicals. Daily show schedules include story time, live animal encounters, and butterfly releases.
Tuesday–Sunday, May 25–September 7
9 a.m. to 4 p.m.

Free for members; included with admission for nonmembers



Tacos, Tequila, and Tarantulas (BH) **NEW**

Come celebrate Cinco de Mayo with Tacos, Tequila, and Tarantulas at the Butterfly House! Learn how tequila is made while you enjoy animal encounters, music, appetizers, libations, and more. Are you brave enough to get up close to one of our tarantulas or try one of our Bug Chef's famous cricket street tacos? Don't worry, liquid courage will be provided if needed! This is sure to be a celebration like no other!
Tuesday, May 5
6 to 8 p.m.

\$25 members; \$35 nonmembers;
\$15 designated driver
Meet at the ticket counter

Fireflies After Dark (BH)

Experience an evening out like no other! Enjoy delicious appetizers, taste a variety of libations, and go on moonlit strolls to see real fireflies. Bring your friends and learn about what makes these little beetles twinkle.

Friday, June 26

7:30 to 9:30 p.m.

\$25 members; \$35 nonmembers

Meet at the ticket counter

Pollinator Plant Sale (BH)

Don't miss our pollinator plant sale! The horticulture experts at the Butterfly House will help you plan your pollinator garden. We will have a wide variety of native plants that benefit butterflies, bees, and other native pollinators. All plant sale proceeds benefit Project Pollinator, our community gardening initiative.

3 Saturdays and 3 Sundays:

April 18, 19, 25, 26; May 2 and 3
10 a.m. to 3 p.m.

Free for members; included with admission for nonmembers
Emerson Lakeside Terrace

Special Events continued...

Firefly Festival (BH)

Join us for a celebration of Earth's living lanterns, the fireflies. We will celebrate fireflies with a variety of activities that showcase their amazing talents. Come with our staff on a flashlight tour of our Tropical Conservatory. Wrap up the evening by joining our entomologists on an outdoor journey (weather permitting) to see real fireflies. Come prepared for a short walk.

Friday, June 19

8 to 9:30 p.m.

\$12 members; \$14 nonmembers

Meet at the ticket counter

Butterfly House staff



Birthday Bash (BH)

We're feeling 22, and we would love to celebrate with you! Come help the Butterfly House ring in 22 years of providing memorable experiences for you and your family. We will have fun activities, treats, music, and more as we celebrate our birthday. Here's to another 22 years!

Saturday, July 11

and Sunday, July 12

10 a.m. to 4 p.m.

Free for members; included with admission for nonmembers

Frog Festival (BH)

Fabulous frogs fill the summer nights with song, and the Butterfly House is throwing a festival in their honor! There will be games, frog walks, live animal encounters, and more. Join us as we celebrate the amazing things frogs can do and learn how we can protect them around our neighborhoods. For families with kids of all ages and adults that are kids at heart!

Friday, July 17

8 to 9:30 p.m.

\$12 members; \$14 nonmembers

Meet at the ticket counter

Butterfly House staff

SHAW NATURE RESERVE

Daffodil Dash 5K Trail Run (SNR)

Join us for the 7th annual family 5K (3 1/10 miles) trail run at Shaw Nature Reserve! There are literally thousands of daffodils blooming around the Nature Reserve's Pinetum Lake. Runners will follow the course, but they will run only for the pleasure of it. In other words: no clock. This race is perfect for families (extremely bumpy for strollers), first-time trail runners, or seasoned trail runners who want a spectacular view. Expect to run on uneven mulch, gravel, and dirt surfaces. All participants receive a shirt.

Saturday, April 4

9 to 11 a.m.

\$28 members; \$34 nonmembers

Follow the signs from the entrance



Spring Wildflower Market (SNR)

Choose from the widest selection of native plants available in the metro St. Louis area. Browse hundreds of varieties of annual and perennial wildflowers, ferns, trees, and shrubs to use in home landscaping and to attract wildlife, along with both showy and hardy plants for sun or shade.

Saturday, May 9

9 a.m. to 1 p.m.

Member preview Friday, May 8

3 to 7 p.m.

Free for members; included with admission for nonmembers

Follow the signs from the entrance

Shaw Bloom 10K/20K (SNR)

Shaw Nature Reserve and the Alpine Shop are teaming up to present the 6th annual run in the natural beauty of the Nature Reserve! These timed races offer a course suitable for all skill levels. Refreshments available. To register go to: <http://bit.ly/hawBloom10k20k>.

Saturday, March 21

9 a.m. to noon

\$49 members and nonmembers

if registered by February 4;

\$59 members and nonmembers

if registered by March 19

Follow the signs from the entrance Alpine Shop

Visit the

Doris I. Schnuck Children's Garden

Discover, explore, pretend, search, observe, and more! Learn about plants, nature, and history through hands-on activities offered daily.

The Children's Garden opens March 28. Join us in welcoming spring with special programming and activities.

Plan your visit
at mobot.org

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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:

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

Cancellations/Refunds:

- 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 fewer 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.
- If the Missouri Botanical Garden must cancel a class, you will be notified and receive a full refund.
- 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: _____ Gender*: _____

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

Address: _____ City _____ State _____

Zip: _____

Home Phone: _____ Work Phone: _____

Email: _____

** Gender information needed only for overnight programs.*

Course Name	Attendee	Location	Date	Fee

PAYMENT OPTIONS (please check one):

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

Missouri Botanical Garden Member ID: _____

Payment Method: ☐ Check ☐ Visa ☐ MasterCard ☐ Discover

Card #: _____

Exp: _____ 3-Digit Verification Code: _____

Signature: _____

Mail to: Missouri Botanical Garden, Education Division, 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.



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ALSO OFFERED AT:

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for Science Education
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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
15193 Olive Blvd., Faust Park
Chesterfield, MO 63017
(314) 577-0888

(Maps are available online)



Registration
Starts
February 3
at 9 a.m.

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