




MISSOURI BOTANICAL GARDEN

**CLASSES** FOR  
ADULTS • YOUTH & FAMILY

SPRING • SUMMER 2011  
MARCH–AUGUST



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!

In 2011, the Garden will host a TREEmendous year of activities in celebration of the U.N. International Year of Forests. Check out our many tree-themed classes throughout this catalog, as noted by the .

# TABLE OF CONTENTS

<b>ADULT CLASSES</b> ..... 3	Living Local..... 20
<b>GARDENING AND LANDSCAPING</b> .. 3	<b>GREEN LIVING</b> .....22
St Louis Garden Blitz: Edible Revolution ..... 3	Green Garden ..... 22
SNR Native Plant School .....5	Green Home.....23
“Become a Great Gardener” Series for Beginning Gardeners..... 6	<b>OPEN HOUSES, TOURS, &amp; SPECIAL EVENTS</b> .....24
Edible Gardening .....7	<b>NATURE STUDY</b> .....25
Botanical History.....9	<b>OUTDOOR SKILLS</b> .....26
Indoor Gardening..... 10	<b>HORTICULTURE FOR HEALTH &amp; WELL-BEING</b> .....27
Gardening Best Practices..... 10	<b>YOUTH &amp; FAMILY PROGRAMS</b> ..... 28
Landscape Design & Ideas ..... 11	<b>AGES 2-6</b> .....28
Kemper Center 20th Anniversary Series for Advanced Gardeners .... 12	<b>AGES 6 AND OLDER</b> .....31
<b>GUIDED WALKS &amp; TOURS</b> ..... 13	<b>FAMILIES OF ALL AGES</b> .....33
<b>ARTS &amp; CRAFTS</b> ..... 15	Classes.....33
Photography..... 15	Drop-in Activities.....34
Painting & Drawing..... 16	Special Events.....35
Botanical Crafts ..... 17	Scout & Family Overnights.....36
<b>FOOD &amp; COOKING</b> ..... 18	<b>REGISTRATION</b> ..... 38
Plant-Inspired Meals & Ideas..... 18	<b>INFORMATION</b> ..... 38
Cultural Inspirations .....20	

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

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

*To discover and share knowledge about plants and their environment  
 in order to preserve and enrich life.  
 ~ mission of the Missouri Botanical Garden*

Site codes: MBG – Missouri Botanical Garden    SNR – Shaw Nature Reserve  
 BH – Sophia M. Sachs Butterfly House

# ADULT CLASSES

## GARDENING AND LANDSCAPING

### ST. LOUIS GARDEN BLITZ: THE EDIBLE REVOLUTION

Presented by Missouri Botanical Garden & the Horticulture Co-op of Metro St. Louis

Saturday, February 19, 9 a.m. to 3 p.m., at the Missouri Botanical Garden  
\$80 members; \$96 nonmembers

#### Keynote Presentation:

#### *Designing a Kitchen Garden*

#### by Jennifer Bartley

The outdoor kitchen garden, or *potager*, is the new hearth of the home where we linger with friends or enjoy the solace of working alone, but always have something to nibble on as we gather flowers for the table, basil for the pasta, and heirloom greens for the salad. This is a practical and inspirational talk on how we can grow our own food... beautifully.

Jennifer Bartley shares her vision for borrowing design ideas from the grand edible gardens of France with an American twist so you can create your own ornamental and useful kitchen garden right outside the back door or even in your front yard.

9 to 10 a.m.

Shoenberg Theater

#### The Big “O”—Understanding Organics

Learn the theory and practice of vegetable gardening using organic methods.

10:30 to 11:15 a.m. AND 1 to 1:45 p.m.

Ridgway Visitor Center

Cheryl Rafert

#### It All Starts with a Seed: Successful Seed Starting Strategies

Winter is the perfect time to start planning and planting your edible garden. This session will cover how to start edible flower, herb and vegetable seeds and how to grow healthy seedlings indoors. Topics that will be discussed include when to start seeds, equipment and containers, seed treatments, light, temperature, soil, watering, caring for seedlings,

hardening off and transplanting, as well as some of the new and interesting edibles for your garden.

10:30 to 11:15 a.m.

Ridgway Visitor Center

Janis Kieft

#### Backyard Chickens—and You?

Are backyard chickens the right fit for your lifestyle? Learn the facts associated with raising and caring for backyard chickens and their beneficial relationship with your vegetable garden and compost pile! This entertaining session will illustrate how keeping small flocks is good for gardens, municipalities, education, and the local food movement.

10:30 to 11:15 a.m.

Ridgway Visitor Center

Patricia L. Foreman

#### The Incredible Edible Herb

Basil pesto, sage stuffing, mint tea—herbs are the signature ingredient in many dishes. In others, such as rosemary with lamb, they enhance the flavor of the dish. Herbs are easy to grow in the St. Louis climate, organic, and healthful. This presentation will examine herbs from garden to table.

10:30 to 11:15 a.m.

Kemper Center Classroom

Judy Harmon

#### Lunch & Learn: Chef in Your Garden

Use the ingredients from your edible garden to create a fresh and healthy feast for your dinner table! Avid gardener and personal chef Diana Smith will share recipes and ideas to make the most of your harvest.

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

Spink Pavilion

Diana Smith

## ST. LOUIS GARDEN BLITZ (CONTINUED)

### Lunch & Learn: Food

#### Gardening Tricks of the Trade

Now is the perfect time to dream about next year's garden. Join Benjamin Hudson and learn what it takes to create and maintain a world-class vegetable garden. You will discover what cultivars perform best in our challenging Midwestern climate and how to get your garden producing earlier and later than your neighbors.

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

Ridgway Visitor Center

Benjamin Hudson

### Lunch & Learn: Using Repurposed Materials for the Edible Garden

Spruce up your backyard garden with repurposed materials from ReStore. Learn how to make cold frames, trellises, torches, and more at this fun and informative workshop.

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

Ridgway Visitor Center

Eric Schwarz

### Lunch & Learn: The Buzz on Bees: Beekeeping and Cooking with Nature's Sweetener

Learn a variety of dishes using honey and "bee" blown away with the flavor and variety you can create with this simple natural sweetener. Miranda Duschack will answer common questions as you sample treats made possible by these prolific pollinators!

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

Kemper Center Classroom

Lana Shepek and Miranda Duschack

### The Scoop on the Coop—the Details of Raising and Caring for Backyard Chickens

This session will relieve the fears of getting started with raising backyard chickens. Topic will include how and where to purchase chicks, preparing for the arrival of your chicks, sustainable shelter design, nutrition, health care, understanding the "culture" of chickens, and much more.

1 to 1:45 p.m.

Ridgway Visitor Center

Dr. Gordon C. Ballam and Bill Ruppert

### The Dirt on Soil

Why does it matter if you have clay, sandy, or loamy soil? Teresa will explain this and other soil facts plus how to enhance your soil to make more nutrients available to your plants.

1 to 1:45 p.m.

Ridgway Visitor Center

Teresa Morris

### The "Berry" Best Small Fruits: Strawberries, Blueberries, & Raspberries

This spring, grow your own flavorful fruits. Elizabeth will discuss when to plant, space requirements, plant care, harvesting practices, and the most common problems you will encounter.

1 to 1:45 p.m.

Ridgway Visitor Center

Elizabeth Wahle

### Don't Kill Your Tomatoes!

Start your summer tomato season off right with good advice. Elizabeth Wahle shares what types of tomatoes are best, when to plant, what is the best spacing, how to harvest and what problems are the leading causes of death each year.

2:15 to 3 p.m.

Ridgway Visitor Center

Elizabeth Wahle

### Preserving Your Harvest

Enjoy your harvest all winter long by learning the basics of canning (boiling water canning and pressure canning), dehydrating and freezing your favorite edibles. Plan on bringing home great recipes and detailed instructional handouts from Registered and Licensed Dietitian Mary Wissman, the MU Extension Specialist in food preservation.

2:15 to 3 p.m.

Kemper Center Classroom

Mary Wissman

## Missouri's Wild Mushrooms: But Are They Edible?

Ever wish you knew if those mushrooms in your backyard are good to eat? Maxine will tell you about our most poisonous but also about Missouri's most common edibles—and there are many.

2:15 to 3 p.m.  
Ridgway Visitor Center  
Maxine Stone

## The Wild Side: Native Edibles

Learn to identify some common wild edibles that you can find in Missouri. This class will include safety tips for foraging, helpful hints for collecting and preparing wild foods, and recipes. Prepare to take advantage of the first greens of spring!

2:15 to 3 p.m.  
Ridgway Visitor Center  
Catrina Adams

## 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. It covers various aspects of native landscaping. Please bring your questions, comments, drawings, and plant specimens, etc. Participation from the audience is encouraged. Classes are designed for adults only. Native Plant School at SNR is underwritten by Grow Native! and Wild Ones Natural Landscapers.

### Native Landscaping Part 1: Planning and Design

Thursday, March 10 or Friday, March 11  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Cindy Gilberg

### Gardening in Deep Shade: Ferns and Other Shade Plants

Thursday, March 10  
9 a.m. to noon  
\$10 members; \$15 nonmembers  
Carriage House  
Scott Woodbury

### Native Landscaping Part 2: Installation and Maintenance

Thursday, April 14 and Friday, April 15  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Cindy Gilberg

### Common Garden Weeds

Thursday, April 14  
9 a.m. to noon  
\$10 members; \$15 nonmembers  
Carriage House  
Scott Woodbury

### Low Maintenance

#### Native Groundcovers

Thursday, May 12 or Friday, May 13  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Scott Woodbury

### Managing Land for Quail and other Grassland Birds

Thursday, May 19  
8 to 10 a.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Len Patton

### Native Water Gardens and Bird Bubbler Construction

Thursday, June 9 or Friday, June 10  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Cindy Gilberg/Scott Woodbury

### Native Plants that Deer Don't Like

Thursday, July 14 or Friday, July 15  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Diane Donovan

### Native Plant School: Summer Native Perennials and Grasses for Landscaping

Thursday, August 11 or Friday, August 12  
1 to 4 p.m.  
\$10 members; \$15 nonmembers  
Carriage House  
Scott Woodbury

## “BECOME A GREAT GARDENER” (GG)

### *Series for Beginning Gardeners*

This brand-new series of classes is designed for beginners just getting into gardening. Join others as you get answers to those questions that you don't want to ask that “know-it-all” advanced gardener over the fence!

#### **Perfect Planting** (MBG)

How big do you really dig the hole? Where is the soil level? Why can't you plant when the soil is wet? Learn the answers to these and other questions to get your plants off to a good start when you put them in the ground.

Sunday, March 20

1 to 2 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

#### **Herbs in Containers** (MBG)

Several colorful sage plants in a cheery red planter can add fragrance and color to your patio. Herbs are wonderful plants and well-suited to grow in containers. Get inspired to grow some of your own!

Sunday, April 3

1 to 3 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

#### **Multiply by Dividing—**

##### **Perennials** (MBG)

The cheapest way to start a new flower bed is to divide your own plants or trade with a neighbor and get new varieties. Learn some of the best plants to multiply by dividing the roots, taking cuttings, and other easy techniques.

Sunday, March 20

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

##### **Native Plant Primer** (MBG)

Can native plants combine well with your other plants? Yes, they can, and Cindy will give you many examples of both sun- and shade-tolerant plants that will grow great in your garden.

Sunday, April 3

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

#### **Designing with Perennials and Annuals** (MBG)

Many plants mentioned on TV design programs don't work for the St. Louis area. Learn some great annual and perennial color and texture combinations to make your garden look like a professional put it together.

Sunday, March 27

1 to 2 p.m.

\$14 members; \$17 nonmembers

Garden Room

Cindy Gilberg

##### **Right Plant, Right Place** (MBG)

You wouldn't feed a vegetarian a big juicy steak, so why would you put a water-loving plant in a dry area? It's common for beginners (and experienced gardeners) to put plants in the wrong spot. Learn some great plants that will be the right plant for the right place and ways to observe different conditions in your garden.

Sunday, April 10

1 to 2 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

#### **Feed Your Plants: Basics of Fertilizing** (MBG)

The garden centers have row upon row of fertilizers. How do you choose? Cindy will talk about what your plants need and how to apply it in simple language with both organic and non-organic fertilizer suggestions.

Sunday, March 27

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Garden Room

Cindy Gilberg

#### **Natives for Butterflies and Birds** (MBG)

The garden is aflutter with wings of many creatures. Learn how to invite butterflies and birds into your garden by planting native plants for nectar, food, and homes.

Sunday, April 10

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Missouri Room

Cindy Gilberg

**Vegetables 101 (MBG)**

What do you need to start a vegetable garden? Benjamin will give you a great outline to get you on your way to grow your own fresh produce. Site location, local seed and plant sources, water, and fertilizing will be covered in this introductory course.

Sunday, April 17

1 to 2 p.m.

\$14 members; \$17 nonmembers

Kemper Classroom

Benjamin Hudson

**Salad Gardening (MBG)**

Sun, seed packets, and some nice soil and you can grow lettuces, spinach, and tasty Asian greens. Grow your own spring greens this spring and you will get another chance to grow them in fall as well.

Sunday, April 17

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Kemper Classroom

Benjamin Hudson

**Salsa Gardening (MBG)**

It's time to dance out to the Garden and grow some great vegetables. Benjamin will show you how to grow tomatoes, peppers, cilantro, and onions for your own fresh salsa this summer.

Sunday, May 15

1 to 2 p.m.

\$14 members; \$17 nonmembers

Kemper Classroom

Benjamin Hudson

**GG: Save Time This Summer—Mulch Your Vegetables (MBG)**

How can mulching save you time? If your plants are mulched, you will spend less time watering your vegetables and can help save your plants from diseases. Benjamin will explain it all in simple terms, introduce you to plastic mulches and other materials and give you some great handling tips.

Sunday, May 15

2:30 to 3:30 p.m.

\$14 members; \$17 nonmembers

Kemper Classroom

Benjamin Hudson

**EDIBLE GARDENING****Extend Your Vegetable Season (MBG)**

Get a jump on your spring and summer with easy season extensions. Benjamin Hudson, fruit and vegetable specialist for the Garden's Kemper Center, will introduce you to cloches, row covers, cold frames, and more. Take a walk through Kemper Vegetable Garden and see ways to incorporate his techniques into your own vegetable garden and have the chance to ask questions.

Saturday, March 12

9 to 11 a.m.

\$25 members; \$30 nonmembers

Kemper Classroom

Benjamin Hudson

**Grow Your Own Small Fruits (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, plus help you avoid common beginner mistakes.

Tuesday, March 15

7 to 9 p.m.

\$25 members; \$30 nonmembers

Spink Pavilion

Elizabeth Wahle

## EDIBLE GARDENING (CONTINUED)

---

### Organic Spring Vegetable Garden (MBG)

Learn the theory and practice of vegetable gardening using organic methods. Topics covered will include garden planning for spring, soil preparation, mulching, composting, insect control, and seed selection.

Tuesday, March 22

7 to 9 p.m.

\$25 members; \$30 nonmembers

Spink Pavilion

Cheryl Rafert

### Raised Bed Garden (MBG)

Do you have heavy, rock-hard soil but want a beautiful vegetable garden? A raised bed garden could be the alternative to hours and hours of trying to change the soil. Dianne will teach you about the materials for construction and site selection. She will share her seasonal calendar, from starting seeds, planting and maintaining the garden, as well as making it aesthetically pleasing in your landscape.

Monday, March 21

7 to 9 p.m.

\$25 members; \$30 nonmembers

Commerce Bank Center for Science

Education—Room 129

Dianne O'Connell

### Get Growing! Herbs in Your Garden: Plan, Plant, and Produce (MBG)

Plan your herb garden with the Herb Society! Discover new ways to highlight herbs in your garden. Learn how to prepare the soil and plan your herb selection in time for our Herb Sale *and* planting. Once your herbs are thriving, learn how they can be used for decorating and other household uses. Best of all, learn about the culinary magic herbs can perform in your kitchen! When you attend this class, you will receive an herb plant to take home and a 10% off coupon for the upcoming St. Louis Herb Society Herb sale held at the Garden.

Monday, April 11

9:30 a.m. to noon

\$35 members; \$42 nonmembers

Kemper Classroom

St. Louis Herb Society

### Organic Summer Vegetable Garden (MBG)

Learn the theory and practice of vegetable gardening using organic methods. Topics covered will include garden planning for summer, soil preparation, mulching, composting, insect control, and seed selection.

Wednesday, April 13

7 to 9 p.m.

\$25 members; \$30 nonmembers

Commerce Bank Center for Science

Education—Room 126

Cheryl Rafert

### Don't Kill Your Tomatoes! (MBG)

Do you want the tastiest, earliest, or freshest tomatoes on the block? Elizabeth will recommend good varieties to grow, including hybrids and heirlooms, share with you her best planting practices, and teach you how to control pests using the simplest and least toxic methods. Save your tomatoes this summer!

Thursday, May 5

7 to 9 p.m.

\$25 members; \$30 nonmembers

Commerce Bank Center for Science

Education—Room 126

Elizabeth Wahle

### DIY: Vegetable Container (MBG)

Take a walking tour of the Kemper Center's containers with edibles and ornamentals and get ideas of what you can plant at home. Then in the classroom, you will get your hands dirty planting your own vegetable container to put in full sun at home. Please bring gloves if you like and a trowel. All supplies provided.

Saturday, June 25

9 to 11 a.m.

\$40 members; \$48 nonmembers

Kemper Classroom

Benjamin Hudson

## BOTANICAL HISTORY

---

### History of the Missouri Botanical Garden: From England to St. Louis and the Worldwide Influences (MBG)

Take a fascinating tour of the history of the Missouri Botanical Garden. The tour starts with Henry Shaw's birth in Sheffield, England in 1800 and explores the reasons he came to St. Louis. The story continues with how he became a wealthy businessman who purchased land and opened his Garden to the public in 1859. You will hear how the Garden connects to historical happenings in the area including Chouteau Pond, Camp Jackson during the Civil War, and more. The tour will end in present day with a discussion of the Garden's role in protecting plants, people, and places close to home and around the world.

Tuesday, March 8

7 to 9 p.m.

\$25 members; \$30 nonmembers

Spink Pavilion

Jack Lane

### Plants of the Maya Civilization (MBG)

The ancient Maya thrived in what is now Mexico, Belize, El Salvador, Guatemala, and Honduras. At the height of the Maya civilization in AD 400, cities throughout Central America were thriving and plant use was widespread. Plants were used for ceremonial, medicinal, and culinary purposes. Plants such as the water lily, corn, cacao, peppers, ceiba, and beans were of great significance to the Maya. Learn how they used plants and plant a seed to take home and grow. Join Charles Zidar of the Missouri Botanical Garden for a hands-on talk and exploration of Maya plants in the Orchid Show and the Climatron.

Saturday, March 19

10 a.m. to noon

\$30 members; \$36 nonmembers

Missouri Room

Charles Zidar

### Natural History of Chocolate: Influences of Ancient Culture (MBG)

Calling all chocoholics! Learn about the history of chocolate, how this decadent treat is made, and the various types of chocolate. The cacao plant was historically significant to ancient cultures, including the Maya, as part of their everyday life including religion, economy, and well-being. Numerous chocolates will be sampled throughout the program, plus each participant receives treats to take home. For the true chocolate lover in everyone!

Wednesday, March 23

7 to 9 p.m.

\$30 members; \$36 nonmembers

Kemper Classroom

Kim Petzing and Brian Pelletier

### Shaw's Self-sustaining Garden and Farm (MBG)

The Missouri Botanical Garden in its infancy not only served as a place of beauty but a place of life-sustaining edible plants and flowers. Discover how the life and times of Henry Shaw produced vegetables and herbs that provided food for his city and country homes. Learn how the discoveries of the mid-1800s helped shaped what we know and practice today. We will take a short walk to tour Tower Grove House and Victorian Herb Garden.

Saturday, May 14

9 to 11 a.m.

\$25 members; \$30 nonmembers

Missouri Room

Priscilla Smith

## INDOOR GARDENING

---

### **Beginning Bonsai (MBG)**

Gain an understanding of the basic principles of bonsai in this hands-on workshop. Brian and Milt will guide you through the steps for creating an indoor bonsai plant. Styling, pruning, wiring, and overwintering, as well as plant selection and routine maintenance, will be presented.

All materials will be provided.

Saturday, March 26

9 a.m. to noon

\$60 members; \$72 nonmembers

Missouri Room

Brian and Milt Ciskowski

### **Behind the Scenes: Orchid**

#### **Greenhouse (MBG)**

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

Wednesday, April 20

5:30 to 7:30 p.m.

\$19 members; \$23 nonmembers

Meet in Linnean Plaza

Babs Wagner

### **Growing Orchids (MBG)**

Have you resisted buying that intriguing orchid or are you unsure about how to encourage best bloom performance? Come and learn about light, temperature, water requirements and maintenance practices such as fertilizing, dividing and repotting, and identifying and controlling insects. This course is appropriate for both orchid novices and enthusiasts.

Saturday, March 26

9 to 11 a.m.

\$25 members; \$30 nonmembers

Botanical Room

Babs Wagner

### **Repotting Your Orchid (MBG)**

Are you concerned about repotting your overgrown orchid? Bring your orchid to class and Babs will show you the proper way to give your orchid more room. She will also talk about sterile pruning practices, culture information, and more. Please bring your own pruners. Soil and pots will be provided.

Saturday, May 14

9 to 11 a.m.

\$30 members; \$36 nonmembers

Botanical Room

Babs Wagner

## GARDENING BEST PRACTICES

---

### **Make Your Own Grand**

#### **Topiary (MBG)**

Topiary is the art of training and pruning plants into unique and artful forms. It has been practiced for centuries and still holds intrigue for gardeners today. During class, Mark will demonstrate how to make a topiary using wire and ivy, and then you will try your hand at pruning a 4-foot evergreen into a topiary. Please bring pruning shears and gloves to class.

Saturday, April 9

9 a.m. to noon

\$65 members; \$78 nonmembers

Garden Room

Mark Zigrang

### **For the Love of Lavender (MBG)**

Growing lavender is rewarding but tricky in the St. Louis area. Through their experience of growing acres of lavender and answering thousands of questions, Deborah and Steve Nathe have produced this comprehensive program on lavender. They will cover the history, the growing, and the many uses of lavender. They will also share the important cultivar choices they made and the culture practices they do to keep lavender growing well in our not-so-perfect climate.

Saturday, April 9

9 to 11 a.m.

\$25 members; \$30 nonmembers

Missouri Room

Deborah Nathe

## Pruning in the Japanese Style (MBG)

Learn the pruning style used in the Japanese Garden, *Seiwa-en*, through lecture and outdoor demonstration. Techniques for controlling size, shape, and limb placement of pines and maples will be discussed. A brief

overview of pruning guidelines will be covered as well as going beyond those basics by adding a more artistic element. The techniques you will learn can be used in any style garden.

Saturday, May 7  
9 to 11:30 a.m.  
\$32 members; \$38 nonmembers  
Missouri Room  
Teresa Pafford

## LANDSCAPE DESIGN & IDEAS

### Getting Ready for the Spring: From New Garden Plots to Rejuvenating Old Beds (MBG)

Learn what to do to get your garden in tip-top shape for the spring time. Teresa will explain the importance of a soil test, what to look for with your results, when to work the soil and when not to, and how to add compost and other amendments to get the best garden this year.

Tuesday, March 29  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Spink Pavilion  
Teresa Morris

### City Gardening: Transform Your Small Yard (MBG)

Do you think your city yard is too small for your ideas? Mike will open your eyes to the many possibilities. He will show you inspiring slides of colorful plantings that utilize many different styles and a variety of color palettes perfect for your space. Questions are encouraged.

Monday, April 11  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Commerce Bank Center for Science  
Education—Room 129  
Mike Miller

### Home Landscape Design (MBG)

This course is specifically designed to help gardeners transform their home landscapes into a natural oasis that's both beautiful and beneficial for plants, people, and the environment. Beginning with the basics of design, you will learn about front plantings, private areas, energy conservation, and plant selection for your home. You will be encouraged to develop a landscape plan for your own yard or garden and to study plant material independently. You

are invited to bring photos of your yard to the first session during which class supplies will also be discussed.

5 Wednesdays: March 16, 23, 30; April 6, 13  
7 to 9 p.m.

\$120 members; \$144 nonmembers  
Commerce Bank Center for Science  
Education—Room 127

Randy Mardis  
OR

5 Tuesdays: April 12, 19, 26; May 3, 10  
7 to 9 p.m.

\$120 members; \$144 nonmembers  
Commerce Bank Center for Science  
Education—Room 119

John Bell

### Creating Your Outdoor Garden Room (MBG)

Escape outdoors into the fresh air by creating an enjoyable garden “room.” Learn plants that can shade an area, beautify and enclose a space, and do well next to a BBQ patio. Bring the indoors out and enjoy an evening in your nature-inspired garden room.

Wednesday, April 20  
7 to 9 p.m.

\$25 members; \$30 nonmembers  
Commerce Bank Center for Science  
Education—Room 126

Randy Mardis

### Creating a Garden Sanctuary (MBG)

Be inspired by the relaxation you experience at the Garden and create your own calming garden. Terry will give you great ideas on how to achieve this feeling of sanctuary in any size garden. Think about adding movement with grasses, flowering plants for color, or add some vines to enclose a space.

Wednesday, April 27  
7 to 9 p.m.

\$25 members; \$30 nonmembers  
Commerce Bank Center for Science  
Education—Room 126

Terry Milne

**Gardening under Trees (MBG)** 

Do you have trees in your yard you would like to landscape under? This class will address many issues that you may encounter. With years of landscaping experience, Dianne will talk about which trees can and cannot be planted under and make suggestions for plants that thrive under trees.

Tuesday, May 24  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Dianne O'Connell

## KEMPER CENTER FOR HOME GARDENING'S 20TH ANNIVERSARY—*Series for Advanced Gardeners*

To celebrate 20 years of great gardening advice and expertise, we've developed an in-depth series of classes for advanced gardeners.

Many of the original small trees, shrubs, and perennials planted in the Kemper Center gardens have proven to be outstanding performers and still look terrific today. Others in our normal course of testing were found wanting, so they were removed or replaced. Throughout this series, you'll benefit from our lessons learned while getting the low-down on plant performance and desirability for area gardens. Designed for gardeners with some knowledge of plants and scientific names, these classes will be quick-paced to cover as many species and cultivars as time will allow.

Join Garden horticulturists and other area top experts as we celebrate the Kemper Center's 20 years of gardening advice and great plants.

**Designing Your Sustainable Landscape (MBG)**

Improve your sustainable scorecard with tips from the area's plastic pot recycling leader and manager of the Kemper Center for Home Gardening, Dr. Steve Cline. You can improve your landscape by doing a simple soil test and using only what is needed for your area, planting adaptable plants in troublesome places, and choosing trees and shrubs that reduce your home's energy bill. Don't waste another dollar and begin this spring.

Tuesday, April 5  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Dr. Steve Cline

**Flowering Small Trees (MBG)** 

Enhance your garden with a variety of flowering trees perfect for the St. Louis area. Dianne will highlight important features that you should consider before your next tree purchase, including

color, height, placement, heat or cold tolerance, and more.

Tuesday, April 19  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Dianne O'Connell

**Plants of Merit Old and New (MBG)**

Chris will capture the history of the Plants of Merit program in the beautiful colors, textures, and variety of annuals, perennials, shrubs and vines, trees, and edible ornamentals by looking back over the decade of these well-deserving plants.

Tuesday, April 26  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Chris Nejelski

**Woody Plants for Wildlife (MBG)** 

From butterflies to birds, Chip will help you find a home, a perch, protection, or food for our important wildlife by

growing trees and shrubs. He will share his many years of observation in the Kemper Bird Garden and native areas and will inspire you to invite these beneficial animals into your garden.

Tuesday, May 3  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Chip Tynan

### **Natural Natives (MBG)**

The popularity of native plants to our area has exploded in the last ten years. Some Missouri natives have outstanding color and can thrive in areas where other plants have died. Others don't blend well with other ornamental plants and have given natives the bad name of "weedy." Learn the best native plants and how to incorporate them into your garden.

Tuesday, May 10  
7 to 9 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
Cindy Gilberg

### **Outstanding Perennials Walk (MBG)**

Since planting began in the Kemper Center gardens, over 1,500 kinds of herbaceous perennials have been planted! In this walking tour,

June Hutson, supervisor of the gardens, will give you the inside scoop on the best performers which have been growing here.

Thursday, May 12  
6 to 8 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
June Hutson

### **Plants: "Tried & True" Walk (MBG)**

Do you want plants that have stood the test of time before you invest your energy and money in them? See "Tried and True" plants on this expert-led guided tour with Glenn Kopp, Horticultural Information Manager at the Kemper Center for Home Gardening. He will highlight perennials, trees and shrubs growing in the Kemper gardens that have been selected by area plant experts for stellar performance year after year in the St. Louis region.

Tuesday, May 17  
6 to 8 p.m.  
\$25 members; \$30 nonmembers  
Meet at Kemper Center Front Entrance  
Glenn Kopp

## GUIDED WALKS & TOURS

### **Evening Stroll through English Woodland Garden (MBG)**

Enjoy a picturesque early evening walk through the English Woodland Garden. Learn about the many new plants and features as well as the tried and true plants for woodland gardens. Trial of a hardy camellia, landscaping with dogwoods, and a wealth of woodland perennials will be discussed. Identification and basic culture will also be covered.

Tuesday, April 12  
5:30 to 7 p.m.  
\$25 members; \$30 nonmembers  
Meet in the Linnean Plaza  
Larry Enkoji

### **Don't Kill Your Perennials (MBG)**

Some information about perennial maintenance in books is inappropriate for the Midwest perennial garden. In this two-hour continuous walking tour throughout the Kemper Center gardens, June Hutson, Kemper Center Supervisor, will highlight what to do and what not to do in the spring season for the most commonly grown perennials. Tips will include time of spring pruning, common mistakes, mulching, and getting ready for summer. You will see first hand how to take care of perennials from our area's top perennial expert.

Thursday, April 28  
5:30 to 7 p.m.  
\$25 members; \$30 nonmembers  
Kemper Classroom  
June Hutson

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

Experience this popular walking tour after hours in the Japanese Garden with senior horticulturist Greg Cadice and gain a new appreciation for *Seiwa-en*, the “Garden of Pure, Clear Harmony, and Peace.” Greg will highlight features of this world-famous garden including scenic vistas, teahouse island, and how the horticulture staff and volunteers create an overall feeling of serenity in this special place. Please wear comfortable shoes for this two-mile-long, continuous walk.

Wednesday, May 4

5:30 to 7:30 p.m.

\$25 members; \$30 nonmembers

Meet in Linnean Plaza

Greg Cadice

**Behind the Scenes: Renovated****Linnean House (MBG)**

Did you know the Linnean House is the oldest continuously operating greenhouse conservatory in the United States? It has recently been renovated with all of its camellia collection transplanted and replanted. Find out how this conservatory was originally used, what happened to the camellias over the winter and how the renovations have improved this historic greenhouse.

Thursday, June 9

6:30 to 8:30 p.m.

\$19 members; \$24 nonmembers

Missouri Room

Dan Gravens

**Historic and Important Trees of the Garden (MBG)** 

Over the past couple of years Alan Stentz has been researching and writing descriptions of historic and important trees in the Garden for the Garden’s online PlantFinder database. In this walk he will point out those trees, which we believe were planted during the life of Henry Shaw, and provide a wealth of fascinating facts about the origins of several of the interesting and important trees growing in the Garden.

A true delight for the tree lover!

Tuesday, June 14

6:30 to 8:30 p.m.

\$25 members; \$30 nonmembers

Kemper Classroom

Alan Stentz

**Wilderness Wagon****Bus Tours (SNR)**

Enjoy the beauty of spring with a guided tour of Shaw Nature Reserve for your group. Reserve the Wilderness Wagon, an open-sided vehicle accommodating 28 people, or arrange for a tour on your coach. A naturalist will accompany you on a 3-mile ride through the Reserve and, if you wish, lead you on a short walk along one of the scenic trails. Our roads can accommodate coaches with or without a guide. Fees vary. Call (636) 451-3512 ext. 6075 for prices and to reserve a date for your group. Wagon and bus tours leave from the Visitor Center.

April 15 to August 30

Weekdays 9 a.m. to 3 p.m.; Weekends 10 to 11 a.m.

Call for prices

Meet at Visitor Center

SNR volunteers

**Wilderness Wagon****Public Tours (SNR)**

The Wilderness Wagon is also available for the general public without reservations.

Saturdays and Sundays in May

Hourly from 1 to 3 p.m.

\$1 members; \$1 plus general admission nonmembers

Meet at Visitor Center

SNR volunteers

# ARTS & CRAFTS

## PHOTOGRAPHY

### Basic Photography (MBG)

In this multi-session, hands-on course you will have the opportunity to develop the skills of a photographer and explore the functions of your camera. You will learn about composition, lighting, shutter speed, aperture (f-stops), depth of field, and terminology; all are crucial to taking exceptional pictures. The course will be appropriate for both novice and intermediate students. Participants should bring a 35mm camera (either film or digital) to the first session.

6 Wednesdays: March 23, 30; April 6, 13, 20, 27; field trip Sunday, April 10, 7 to 11 a.m.  
7 to 9 p.m.

\$170 members; \$204 nonmembers  
Commerce Bank Center for Science  
Education—Room 129  
Scott Avetta

### Daytime Basic

#### Photography (MBG)

Improve your photography skills by learning the key functions of your camera and how to use them to your advantage. Throughout this multi-session, hands-on session we will spend time on composition, lighting, aperture, shutter speed and ISO settings in the classroom and then apply them in the field. The course will be appropriate for both novice and intermediate students. Participants should bring a 35mm camera (either film or digital) to the classes.

5 Tuesdays: March 29; April 5, 12, 19, 26  
9:30 a.m. to 12:30 p.m.

\$170 members; \$204 nonmembers  
Kemper Classroom  
Scott Avetta

#### Understanding Exposure (MBG)

Learn how you and your camera see things differently. The human eye is capable of seeing a greater range of light than your camera. We will see how a camera meter reads a scene and how it can be fooled under certain circumstances. We will discover ways to compensate for light variation in a scene through simple camera adjustments in the field. Participants

should know the basic function of a 35mm (film or digital) camera system for this multi-session intermediate course. The use of a tripod is recommended.

April 4, 11, 18; Field trip: April 17, 7 to 11 a.m.

7 to 9 p.m.

\$120 members; \$144 nonmembers  
Commerce Bank Center for Science  
Education—Room 126  
Scott Avetta

### Capturing Sunsets in the Garden (MBG)

As an intermediate photographer, you will have the unique opportunity to photograph the Garden with evening and sunset light in this multi-session class. You will experience both classroom information sessions and photo shoots with hands-on help and critiques. We will discuss the complications and advantages of low light/sunset photography and how to handle them. You should bring camera equipment to all the classes. A tripod is recommended.

4 Mondays: May 2, 9, 16, 23

7 to 9 p.m.

\$110 members; \$132 nonmembers  
Spink Pavilion  
Scott Avetta

### Garden Photography (MBG)

Throughout this multi-session, hands-on series we will spend time discussing the importance of composition and design in your photographs based on different light conditions. We will take multiple trips into the Garden to photograph a variety of subjects and see how making small changes can make dramatic differences. You should know the basic function of a 35mm (film or digital) camera system for this multi-session intermediate course.

5 Tuesdays: May 3, 10, 17, 24, and June 7  
9:30 a.m. to 12:30 p.m.

\$170 members; \$204 nonmembers  
Kemper Classroom  
Scott Avetta

## Seeing Nature through the Lens (SNR)

Join professional photographer Scott Avetta for this intermediate level, two-day weekend workshop that will include field sessions and classroom instruction/discussion. Explore the heart of Shaw Nature Reserve as we photograph the areas (wetlands,

woodlands, glades, and prairies) of greatest potential based on subject and weather conditions. We will discuss the importance of subject selection, composition, and lighting (weather).

Saturday, May 21 AND Sunday, May 22  
7 to 11 a.m.

\$80 members; \$96 nonmembers

Adlyne Freund Center

Scott Avetta

## PAINTING AND DRAWING

### Watercolor Wisdom (MBG)

This class is designed to give you a strong grasp of how to use watercolor paint and help you approach your own paintings with confidence. Using a limited palette, Judy will demonstrate simple techniques for making impressive paintings. Through group and individual instruction, students will learn how to design and create their own compositions. This class is appropriate for both beginning and intermediate students. A materials list will be sent with your registration confirmation.

8 Fridays: March 4, 11, 18, 25;

April 1, 8, 22, 29; no class April 15

9:30 a.m. to noon

\$175 members; \$210 nonmembers

Kemper Classroom

Judy Seyfert

translate the beauty of spring into expressive, vibrant, and colorful paintings. Techniques to be presented include painting wet into wet, glazing, and 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. All levels welcome.

6 Saturdays: April 9, 16, 23, 30; May 7, 14  
9 a.m. to noon

\$135 members; \$162 nonmembers

Kemper Classroom

Judy Seyfert

### Watercolor: Pure and Simple (MBG)

Everywhere we look there is inspiration for a painting. Getting from the inspiration to the finished painting is a wonderful journey. With this goal in mind, Judy will demonstrate how to use design and color to paint impressive watercolors. Group and individual instruction will be given to encourage self-expression and experimentation. Beginning or experienced watercolorists will find this a fun and exciting journey into creativity. A materials list will be sent with your registration confirmation.

6 Mondays: March 7, 14, 21, 28; April 4, 18;  
no class April 11

6:30 to 9 p.m.

\$115 members; \$138 nonmembers

Spink Pavilion

Judy Seyfert

### The Garden in Watercolor (MBG)

Capture the beauty of the Garden in watercolor while you learn new techniques and composition skills. Through demonstrations and critiques, you will receive individual and group instruction. Beginning and advanced students are welcome. Designed for adults only. A link to the materials list is available online.

8 Tuesdays: April 12, 19, 26; May 3, 10, 17,  
24, 31

9:30 a.m. to noon

\$175 members; \$210 nonmembers

Garden Room

Mary Dee Schmidt

### Sketching Basics: Putting it in Perspective (MBG)

Don't get frustrated with the drawing basics—you can do it! In this short course, Jaclyn will demonstrate perspective and other concepts which some find difficult to understand. She will also show you many of the great sketching tools available like water-soluble colored pencils, watercolor, ink,

and more. Indoor plants, photographs, and other still lifes will be your subject while we wait for the thaw of spring.

3 Wednesdays: March 16, 23, 30  
9:30 a.m. to noon  
\$90 members; \$108 nonmembers  
Kemper Classroom  
Jaclyn Lawson

### Why Sketch? (MBG)

Have you ever seen something so stimulating in nature that you wished you had the ability to capture it on paper? In this class, you'll learn to see and sketch what you see in the Garden. Jaclyn will show you how to develop basic skills through demonstrations and individual instruction. You will develop a sense of observation and awareness of the natural, wondrous world around you. In event of inclement weather, the class will sketch from live plant still-lives in the classroom. A link to the materials list is available online.

8 Wednesdays: April 20, 27; May 4, 11, 18,  
25; June 1, 8 (Garden Room on June 8)  
9:30 a.m. to noon  
\$175 members; \$210 nonmembers  
Kemper Classroom  
Jaclyn Lawson

## BOTANICAL CRAFTS

### Gourd Serving Dish (MBG)

Man's first dishes were made of gourds. This class is your opportunity to create your own piece of history—a gourd serving bowl. You will complete the cleaning of the gourd's interior, using primitive as well as modern tools. Decorating techniques include drawing, painting, markers, and woodburning. Bring your favorite tools, supplies, and design ideas to supplement those provided. Instructions for finishing at home will be offered.

Saturday, March 12  
2 to 4 p.m.  
\$37 members; \$44 nonmembers  
Missouri Room  
Lynne and Patrick Slack

### Lavender Wreath (MBG)

Lavender fragrance will surround you when you construct your own lavender wreath. Deborah will bring her locally grown dried lavender to make these fabulous circles on a 6-inch grapevine wreath base, simply decorated with a pretty bow. Learn how to harvest and

### Trees in Vivid Color (MBG)

Learn the ins and outs of sketching trees in the beautiful colors of pastels. Pastels are pure pigment and work great to capture the twists and turns of the magnificent trees on the Garden grounds. Jaclyn will show you how to blend, scumble, erase, and combine pastels with other mediums. Through demonstrations and experiencing pastels first hand, you will see the Garden in whole new form. Some drawing helpful but not necessary. Pastels and paper provided. See additional supplies on the website.

Saturday, June 4  
9 to 4 p.m.  
\$60 members; \$72 nonmembers  
Kemper Classroom  
Jaclyn Lawson

dry the best lavenders. All materials are provided.

Tuesday, March 22  
7 to 9 p.m.  
\$45 members; \$54 nonmembers  
Commerce Bank Center for Science  
Education—Room 127  
Deborah Nathe

### Basket Making (SNR)

Create your own basket in a oozy former hunting lodge at the Reserve by learning basic weaving techniques and using natural materials. Choose between an Amy's, hearth, picnic, or round-bottomed basket design (pictures will be sent via e-mail or land mail by March 15). Bring a sack lunch, wire cutters or heavy scissors, awl, a dozen spring-type clothespins, a large towel, cloth (flexible) tape measure, pencil, and a container for soaking reed. All other materials provided.

Saturday, April 9  
9 a.m. to 3 p.m.  
\$40 members; \$48 nonmembers  
Adlyne Freund Center  
Linda Brown

## Natural Knitters: Vining Pattern (MBG)

In the inspiring and calming natural surrounds of the Garden, enjoy a morning learning session to knit a vining pattern scarf to finish on the go. Suzanne will be on hand to demonstrate the stitch which looks much more difficult than it is and give you confidence to knit more patterns. Then sit back and relax while you knit away the morning in company of other knitters.

Saturday, May 7 and 14  
9 to 11 a.m.

\$50 members; \$60 nonmembers  
Meet in Upper Level, Kemper Center  
Suzanne Hirth

## Leaf Wind Chimes (MBG)

Add music to your garden or patio with a wind chime made with your own two hands. In this fun workshop, you will get your hands dirty with terracotta clay. Using tree leaves for decorations, you will construct your wind chimes using simple hand-building techniques. We will provide all materials. No clay

experience needed. Fired and stained pieces will be ready for pickup at the Kemper Center on May 24.

Monday, May 9  
7 to 9 p.m.  
\$40 members; \$48 nonmembers  
Kemper Classroom  
Mary Henderson

## DIY: Mosaic Stepping Stone (MBG)

Make a beautiful mosaic glass stepping stone for your garden. Have fun while creating a one-of-a-kind piece to be admired in your garden for years to come. Using colors and design of your choice, you will make a 14-inch round stepping stone. You will enjoy learning new things step-by-step from design and layout of your glass to pouring the concrete.

Saturday, June 18  
9 a.m. to 3:30 p.m.  
\$75 members; \$90 nonmembers  
Botanical Room  
Julie Day

# FOOD AND COOKING

## PLANT-INSPIRED MEALS AND IDEAS

### Get to Know Your Favorite Food: Coffee (MBG)

For people who care where their coffee comes from. Mike Marquard and Tyler Zimmer of Kaldi's Coffee will explain the company's Relationship Program, which focuses on purchasing coffee directly from the growers. We will also discuss the current practices and state of coffee growing and processing, especially focused on Costa Rica and Colombia. And of course, there will be plenty of samples!

Saturday, March 19  
10 a.m. to noon  
\$28 members; \$33 nonmembers  
Commerce Bank Center for Science  
Education—Room 126  
Michael Marquard and Tyler Zimmer

### Herb Blends: Spring Teas and Tasty Dishes (MBG)

Don't let your herbs stay in the garden; blend them into wonder teas and fabulous menus. Kateri Meyer will share her techniques to blend garden herbs to create tasty teas. From simple to complex blends, she will show you how to mix complementary flavors. Using the freshest spring herbs, Jane Muscroft will demonstrate asparagus and herb quiche with a bowl of spring vegetable soup. Enjoy a lovely finish with lavender shortbread and cup of tea.

Tuesday, April 12  
7 to 9 p.m.  
\$35 members; \$42 nonmembers  
Kemper Classroom  
Jane Muscroft and Kateri Meyer

## Sassafras' Cafe Secret Recipes: Salads and

### Slaws (MBG)

Learn the most requested salad and slaw recipes from the chef of the Garden's café Sassafras, Barbara LeMons. She will highlight the Linnean Salad, the English Woodland Garden Salad, carrot poppy seed slaw, and cucumber mint slaw that are craved by Garden visitors. So you can grow your own fresh ingredients, Benjamin Hudson will give you tips and tricks to grow cabbages and seasonal lettuces this spring and fall.

Wednesday, April 27

7 to 9 p.m.

\$35 members; \$42 nonmembers

Kemper Classroom

Barbara LeMons and Benjamin Hudson

### Knife Skills (MBG)

Learn how efficient cutting techniques and knife use can make the art of food preparation safer and more enjoyable. The instructors will cover a range of topics, including knife selection, care, sharpening, cutting techniques, and safety. Ample time will be allowed for you to practice the skills of slicing, dicing, julienning, chopping, and mincing. Bring a paring knife, a chef's knife (if you have one), and an apron, if you wish.

Thursday, May 5

7 to 9:30 p.m.

\$35 members; \$42 nonmembers

Kemper Classroom

Glenn Kopp and Linda Whitten

### Kakao Candy Making (MBG)

Do you dream of candy? Do you dream of making it yourself? Join Brian Pelletier, chief chocolatier at Kakao Chocolate, who will share his candy knowledge and recipes, and demonstrate how to make treats that will make your mouth water. You'll learn the old-fashioned techniques you can use in your own kitchen, and get some ideas about how to put new twists on your traditional recipes for hard candies, caramels, homemade marshmallows, and pates de fruits (a.k.a. fruit gels) made with seasonal fruits.

Monday, May 16

7 to 9 p.m.

\$35 members; \$42 nonmembers

Kemper Classroom  
Brian Pelletier

## Tropical Tree

### Goodness (MBG)

Whether planning a luau or just wanting a taste of the exotic, we'll explore flavors which grow in the tropics on trees. With coconut and cinnamon highlighted, Jane will make chicken satay and fragrant rice. For dessert she will make coconut cups and a lovely chocolate log cake, served with a pineapple tea. Take a break from the ordinary.

Tuesday, June 21

7 to 9 p.m.

\$35 members; \$42 nonmembers

Kemper Classroom

Jane Muscroft

## Get to Know Your Favorite

### Food: Chocolate (MBG)

Does all chocolate taste the same? Doesn't it all just taste like chocolate? You'll discover flavors of chocolate you never knew existed, learn why some chocolate is better for the environment, and see why some chocolate shouldn't be bought at all. A variety of samples will indulge every sweet tooth, and St. Louis chocolatier Brian Pelletier of Kakao will aid in our discussion of chocolate sustainability, including history, production, fair trade, and... more chocolate, of course!

Tuesday, August 16

7 to 8:30 p.m.

\$28 members; \$33 nonmembers

Commerce Bank Center for Science

Education—Room 126

Kim Petzing and Brian Pelletier

## CULTURAL INSPIRATIONS

---

### **Making Sushi** (MBG)

Did you enjoy sushi at the Japanese Festival and now want to make it yourself? Here is your chance in just two and half hours. Vicki will teach you techniques for making the perfect rice and several different types of sushi rolls in this fun, hands-on class. If you are unsure about eating raw fish but still want to enjoy sushi, this class is for you, as we will be using cooked fish and fresh vegetables.

Wednesday, April 6

7 to 9:30 p.m.

\$40 members; \$48 nonmembers

Kemper Classroom

Vicki Bensinger

### **Tea Ceremony (Sado) in a Box Style** (MBG)

Let's enjoy a tea ceremony in a bit of a casual way. There are strict procedures which both a host and guests have to follow when they do traditional tea ceremony. We will travel to Teahouse Island in the Japanese Garden and see what a traditional tea house looks like and then return to

the Kemper classroom to experience the "Tea Box" which is said to match the contemporary Japanese life and is often used to serve tea while traveling. There is no precise rule to serve the tea with this style, so the host can create their own way of making, drinking, and serving tea.

Wednesday, May 11

7 to 8:30pm

\$20 members; \$24 nonmembers

Kemper Classroom

Kana Morishita

### **Mediterranean Feast** (MBG)

Wishing you were on the Almalfi Coast? Well here's the menu that will take you there. See Vicki demonstrate panzanella salad, fish in crazy water, and roasted asparagus with citrus. For dessert, taste luscious baked fruit. Since tomatoes are the main ingredient in these dishes, Benjamin Hudson will tell you how to grow the best and juiciest tomatoes this season.

Wednesday, May 18

6:30 to 9 p.m.

\$40 members; \$48 nonmembers

Kemper Classroom

Vicki Bensinger

## LIVING LOCAL

---

### **Signature Recipes from Charles Gitto, Jr.** (MBG)

Learn the secrets of creating Penne Borghese—a signature dish from iconic St. Louis Hill chef Charlie Gitto, Jr. The distinctive flavors of this timeless pasta, an original creation by Gitto and Ernest Borghese, feature a pink cognac sauce and prosciutto. Also learn the secrets to Gitto's classic chicken lemon dish, served in a delicate white wine lemon butter sauce. Sample both signature fares with a tasty Charlie Gitto's salad, and prepare to astonish your friends and family! Each student will receive a copy of the book *Saint Louis Italians: the Hill and Beyond*.

Wednesday, May 4

7 to 9 p.m.

\$57 members; \$68 nonmembers

Kemper Classroom

Charlie Gitto, Jr

### **Urban Homesteading: Brew It Yourself** (MBG)

Take the "DIY" vibe of the urban homesteading movement a step further and learn how to "brew your own" with local experts from a city with a rich brewing tradition. Brewing your own beer and cider can shrink your environmental footprint through reducing packaging and transportation and reusing refillable jugs and bottles. Plus, it's just fun! Join us for a demonstration and lively discussion on the importance of drinking locally. This program is supported by St. Louis Jefferson Solid Waste Management District.

Tuesday, May 10

6 to 8 p.m.

\$24 members; \$29 nonmembers

Commerce Bank Center for Science

Education—Room 126

Katy Mike Smaistrila and James Nichols

## Local Lore & Locavores: Old North (MBG)

This neighborhood is on the rise! Come join us as we meet with local leaders who have worked to get locally owned businesses, a farmers' market, and new housing started. After a quick environmental-justice themed tour, we'll stop by a café for lunch and study our dessert options and community development principles.

Saturday, May 7

2:30 to 4:30 p.m.

\$12 members; \$15 nonmembers

Meet at Commerce Bank Center for Science  
Education—Room 126

Katy Mike Smaistrlla with special guests

## Local Lore & Locavores: The Hill (MBG)

The Hill is one of St. Louis' most famous neighborhoods. We'll visit with the neighbors, meet a few community leaders, then stop by several independent businesses that have contributed to the Hill's uniquely Italian identity.

Saturday, May 14

2:30 to 4:30 p.m.

\$12 members; \$15 nonmembers

Commerce Bank Center for Science  
Education—Room 126

Katy Mike Smaistrlla with special guests

## “Gotta Have that Recipe”

### Side Dishes (MBG)

Just in time for Whitaker Music Festival evenings, make recipes that your friends will ask for this picnic season. Using fresh local farmers market ingredients, Lana will demonstrate flavorful curried rice, first of season stuffed new potato shells, beef bruschetta with sweet corn relish, caramelized onion jams, and blue cheese topping. And for a dessert, a bite of cheesecake topped with fresh strawberries (or seasonal fruit). And for a surprise, she will demonstrate a savory cheesecake that will delight your family and friends.

Wednesday, May 25

7 to 9 p.m.

\$35 members; \$42 nonmembers

Kemper Classroom

Lana Shepek

## Lunch or Dinner Tour of Shaw Nature Reserve (SNR)

Gather 8 to 10 friends and schedule a luncheon or dinner tour of the Nature Reserve. Travel by the Wilderness Wagon for this progressive dinner. Hors d'oeuvres are on the terrace overlooking the Whitmire Wildflower Garden, dinner is by candlelight within strolling distance of the wetland, and dessert is near the prairie. Luncheons occur in the midst of what's in bloom.

For adults only. Call to make a reservation: (636) 451-3512 x 6075.

\$850 dinner tour for 8 to 10 members;

\$650 luncheon tour for 8 to 10 (no

discount for fewer people) members;

\$1000 dinner tour for 8 to 10 people;

\$800 luncheon tour for 8 to 10 (no

discount for fewer people) nonmembers

Meet at Shaw Nature Reserve Visitor  
Center

Helen McCallie

## Preserving the Harvest (MBG)

Deliver the healthful wealth of your garden to your family's table all year long! Laura Friz, Leasburg, Mo. Master Gardener, teacher, and veteran preserver, will demonstrate basics and share expert tips covering canning, drying, and freezing all types of fresh produce—and she'll whip up a batch of microwave pickles!

Thursday, July 7

7 to 9 p.m.

\$30 members; \$36 nonmembers

Kemper Classroom

Jean Ponzi and Laura Friz

## Tea on the Terrace (SNR)

May is the perfect time to enjoy the beautiful Whitmire Wildflower Garden. Gather for tea, delicate sandwiches, and delectable desserts on the Carriage House Terrace overlooking the Whitmire Wildflower Garden at Shaw Nature Reserve. Tea will be followed by an optional Wildflower Garden walk. Tables are assigned, so designate who will be in your group. Singles will be seated with other singles. For adults only. Dress is casual.

Saturday, May 7

2 to 4 p.m.

\$30 members; \$36 nonmembers

Carriage House Terrace

SNR Staff

# GREEN LIVING

## GREEN GARDEN

### **Backyard Chickens** (MBG)

Interested in keeping a few chickens in the backyard? Raising chickens is a fun and exciting journey in any setting! Join this introductory session on how to raise and keep chickens in urban and suburban environments. Learn about the benefits of chicken-keeping, resources for coop building, hen selection, local ordinances, and more.

Tuesday, March 15

7 to 8:30 p.m.

\$25 members; \$30 nonmembers

Commerce Bank Center for Science

Education—Room 119

Julia Weese-Young

### **Composting Expanded:**

#### **Worm Bins** (MBG)

Already got an outdoor bin? In an indoor vermicomposting system, worms process your food scraps to produce a natural fertilizer and soil conditioner that your houseplants will love. Each registered participant will make their own unique bin during these hands-on workshop. This program is supported by St. Louis Jefferson Solid Waste Management District.

Wednesday, March 16

6:30 to 8 p.m.

\$45 members; \$54 nonmembers

Commerce Bank Center for Science

Education—Room 119

Katy Mike Smaistrla

### **Composting Expanded:**

#### **Bokashi Buckets** (MBG)

Tired of just throwing out all of those food scraps? Consider composting in a more creative way: bokashi buckets! In a space-saving bokashi system, effective microorganisms transform all kinds of kitchen waste into a nutrient-rich soil amendment. Each registered participant will make their own unique bin during this hands-on workshop. This program is supported by St. Louis Jefferson Solid Waste Management District.

Monday, March 21

6:30 to 8 p.m.

\$45 members; \$54 nonmembers

Commerce Bank Center for Science

Education—Room 127

Katy Mike Smaistrla

### **Rain Barrel Workshop** (MBG)

Discover the benefits and logistics of having a rain barrel at your home. Members of the River des Peres Watershed Coalition will conduct a brief introductory discussion on placement, construction, and other considerations followed by a hands-on session where participants will make their own barrel to take home! Cost for class is cost/barrel constructed.

Saturday, May 7

10 to 11:30 a.m.

\$50 members; \$60 nonmembers

Commerce Bank Education—Room 126

Kim Petzing and members of the River des Peres Watershed Coalition

OR

Rain Barrel Workshop—The Green Center

Tuesday, May 17

6:30 to 8 p.m.

\$50 members; \$60 nonmembers

The Green Center classroom (8025

Blackberry Ave., St. Louis)

Kim Petzing and members of the River des Peres Watershed Coalition

## Planning Your New Green Home—No “Greenwashing”

### Allowed! (MBG)

Ready to build your dream home? Maximize your investment by building green! You will leave this intensive workshop an informed consumer of nationally established rating systems, able to apply eco-logic to your planning and construction processes, and avoid unsubstantiated green claims. Print resources cover many specific homebuilding elements. Pizza and beverages provided.

Thursday, March 10

5:30 to 9 p.m.

\$30 members; \$36 nonmembers

Commerce Bank Center for Science

Education—Room 119

Jean Ponzi

## Cashing in on Home

### Comfort (MBG)

Make your home energy efficient, healthy, and comfortable while also saving money! We'll discuss simple things you can do as well as the benefits of a whole-house energy assessment. The Home Performance with ENERGY STAR program will also be explained. Pizza and drinks provided. Program is offered two times, need only attend one.

Thursday, March 31 OR Tuesday, June 28

6:30 to 8 p.m.

\$16 members; \$20 nonmembers

Commerce Bank Center for Science

Education—March 31: Room 126; June 28:

Room 119

Korey Hart

## Reduce, Reuse, Recycle: Restore Your Own

### Furniture (MBG)

Where some people only see a piece of junk, others see possibility. In this class we'll discuss the basics of how to give an old piece of furniture a facelift: whether it's repairing broken legs or refinishing scratched surfaces, the experts will walk you through what you need to get started on breathing new life into old furniture to keep it out of the landfill! This program is supported by St. Louis Jefferson Solid Waste Management District.

Saturday, April 2

11 a.m. to 2 p.m.

\$45 members; \$54 nonmembers

Commerce Bank Center for Science

Education—Room 126

Katy Mike Smaistrila with special guests

## Electric Vehicle Intensive:

### Beginners' Workshop (MBG)

Have you wondered what it would take to convert your car to electric? Tired of pumping gas? In this intensive workshop sponsored by the Gateway Electric Vehicle Club, you'll learn what kind of parts you'll need, what kind of modifications to make, and what kind of investment it takes to convert your car. Come with questions; experts will be on hand to help problem-solve, trouble-shoot, and get you started!

Saturday, June 4

10 a.m. to 2 p.m.

\$50 members; \$60 nonmembers

Commerce Bank Center for Science

Education—Room 119

The Gateway Electric Vehicle Club

### In our Youth & Family section check out our new “Green Parenting Series”

Parenting is the toughest and most rewarding job on Earth. This new series aims to make parental and family life a bit easier—and greener!

# OPEN HOUSES, TOURS, & SPECIAL EVENTS

## TOURING GREEN BUILDINGS AND MORE!

### Historically Sustainable:

#### Part I & II (MBG)

Have you heard about how “historically sustainable” St. Louis is? This city has an incredible building stock, and through historic preservation efforts, there are many examples of what homes used to look like and how people used to live in the city’s dense urban core. On this tour, we’ll explore several of the famous old homes and compare how homes use resources today. In Part I, themes of status symbols and neighborhood location will play an important role. In Part II, we’ll visit the Frank Lloyd Wright House to look closer at the role of the architect and how the house’s design can aid in resource conservation.

Part I: Saturday, February 19, 10:30 a.m. to 4 p.m.

Part II: Saturday, March 19, 10 a.m. to 2 p.m.

\$20 members; \$24 nonmembers per class

Meet at Ridgway Ticket Counter

Katy Mike Smaistrila with special guests

### Waste Free Lunches:

#### Educator Workshop (MBG)

Your school CAN reduce the amount of trash it throws away every lunch period! Learn how to implement a “waste free lunch” program in your institution in this half-day workshop designed especially for teachers and parents. Best practices from local case studies and many helpful resources will be provided, including practical examples—and several snack packs—that you can bring back to your cafeteria. *Supported by St. Louis Jefferson Solid Waste Management District.*

Saturday, March 12

8 a.m. to noon

\$30 members; \$36 nonmembers

Commerce Bank Center for Science

Education—Room 119

Katy Mike Smaistrila

### St. Louis Earth Day

In this outing, you’ll join in the merriment of Earth Day! Get outside and visit all of the exhibitors at the 22nd annual festival in Forest Park on the Muny grounds.

This has become the oldest and largest Earth Day celebration in the Midwest, bringing people together for a common cause of environmental education and stewardship. Join the EarthWays Center in commemorating the day and be sure to stop by our booth!

Sunday, April 17

11 a.m. to 6 p.m.

Free

Forest Park (1 Theater Drive, St. Louis, MO 63112)

Around the Muny grounds

### Southwest Garden Neighborhood Association Home & Lifestyle Tour

See a variety of homes and colorful gardens and check out the diverse lifestyles of this dynamic St. Louis neighborhood. In addition to cooking and backyard bocce demonstrations, there will be a number of sustainable living features on display, courtesy of the EarthWays Center. You never know what you might see at each different home! Be it an artist studio or a rain barrel, a game of bocce or a beehive, a cooking demo or a compost pile, there will be plenty to talk about—especially when it comes to going green!

Sunday, May 22

1 to 5 p.m.

\$8 members; \$10 nonmembers

SWGNA Office (4950 Southwest Ave.,  
St. Louis, MO 63110)

SWGNA Residents and the staff and  
volunteers of the EarthWays Center

### Local Leaders in Sustainability (MBG)

Join us in visiting the sites and showcases of other local leaders in the sustainability field. On this tour, you’ll meet with the experts and discover options for improving your resource efficiency in your own home.

Friday, August 19

2 to 5:30 p.m.

\$16 members; \$20 nonmembers

Commerce Bank Center for Science

Education—Room 119

Katy Mike Smaistrila and local leaders

# 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 those who have had some experience. The four evening classes will be devoted mainly to learning the local birds, including songs and calls, as well as visual marks. Some time will also be spent discussing field guides, binoculars, organizations, and where to go birding around St. Louis. The field trips will visit two good areas with a great diversity of spring birds. Participants supply their own transportation and lunch and should expect hikes of up to two miles.

Designed for adults only. (Field trip dates are subject to change.)

Mondays, April 4, 11, 18, 25; 7 to 9 p.m.

Field trips on Sat. 4/16 and Sun. 5/1;  
approximately 7 a.m. to 2 p.m.

\$170 members; \$204 nonmembers  
Commerce Bank Center for Science  
Education—Room 127  
William Rowe

## Bluebells Abound! (SNR)

In Shaw Nature Reserve's Meramec River bottomland, a sea of Virginia bluebells blooms each spring. They are off the beaten path, but we will provide guides and transportation to get you as close as possible. You will still have to walk ¼ to 1 mile depending on road conditions. Wear sturdy shoes. A sweet treat follows your hike. For adults only.

Thursday, April 7

12:30 to 3 p.m.

\$8 members; \$10 nonmembers

Meet at the Visitor Center

Helen McCallie, Barbara Troutman

## Wildflower Identification and Ecology (SNR)

This course will focus on identification, relationships, and habitats of wildflowers and native grasses of the season. Beginners, as well as serious students of wildflowers, will increase their knowledge and appreciation of the rich floral diversity of Shaw Nature Reserve's woods, prairie, and wetland. Come ready for moderate hiking with notebook in hand! Sign up for any or all sessions. For adults only.

Saturdays, April 9, 30, May 28, June 25, July 30, August 27

9:30 a.m. to noon

\$16 members; \$20 nonmembers

Meet at the Visitor Center  
James Trager

## Spring Wildflower Walks (SNR)

Join these informal, educational walks through the colorful spring season. Shaw Nature Reserve's excellent trail system, winding through upland and bottomland forest, is an ideal place to enjoy the ephemeral spring wildflowers and other natural wonders. Bring a sack lunch. No reservations taken; pay on arrival. For adults only.

Tuesdays, April 12, 19, 26; (note: no class on Tuesday, May 3); May 10, 17, 24

9:30 a.m. to 1:30 p.m. (option to leave at noon)

\$6 members; \$8 nonmembers

Meet at the Visitor Center

James Trager and SNR volunteers

## Mushrooms: From Backyard to Table (SNR)

What is the difference between a mushroom and a toadstool? Where do they grow? Which ones can you safely eat? Through an open discussion, a brief lecture, followed by a session of collecting and identifying, participants will solve some of these mysteries. Bring a container for collecting and a mushroom from home to identify (optional). For adults only.

Sunday, April 17 OR August 21

1 to 4 p.m.

\$20 members; \$25 nonmembers

April: Adlyne Freund Center;

August: Carriage House

Ken Gilberg

## NATURE STUDY (CONTINUED)

### Morning Bird Walks (SNR)

In the early morning and during the height of spring migration, see and learn about the many bird species at Shaw Nature Reserve. Both beginning and intermediate birders are welcome. Bring binoculars and dress for moderate hiking. Come to any or all. Each will be different. Pre-registration not required. Pay on arrival at the Visitor Center. For adults only.

Wednesdays, April 20, 27 and May 4  
8 to 10:30 a.m.

\$4 members; \$5 nonmembers

Meet at Visitor Center  
Don Hayes

### Introduction to Beekeeping (BH)

This course is designed to give an overview to the hobby of beekeeping. Learn about basic bee biology and how to get your own hive started. You will be taken through what to expect your first year of beekeeping month to month. Popular bee-made products will be discussed and samples will be provided.

Wednesday, June 22  
5:30 to 7 p.m.

\$25.00 members; \$30.00 nonmembers

Lopata Learning Lab  
Mandi Newton

## OUTDOOR SKILLS

### Wild Edibles (SNR)

Learn to identify some common seasonal wild edibles you can find in Missouri. This class at Shaw Nature Reserve will include safety tips for foraging plants, keys to identification, and a hike to let you practice identifying wild edibles in their environment. You will have the opportunity to sample a variety of raw and prepared wild foods. For adults only.

Sunday, March 27

1 to 4 p.m.

\$20 members; \$25 nonmembers

Adlyne Freund Center  
Catrina Adams

### Fly Fishing for Beginners (SNR)

This class is for men and women 16 years and up. Join members of the Ozark Fly Fishers for one of these beginner classes. Learn about equipment needed to get started and basic fly tying and rod casting skills. Practice catch and release at Shaw Nature Reserve's Pinetum Lake where fishing is not normally allowed. All equipment provided. Bring a hat and eye protection such as sunglasses.

Sunday, April 17

8:30 a.m. to 12:30 p.m. OR 1 to 5 p.m.

\$20 members; \$25 nonmembers

Carriage House  
Ozark Fly Fishers

### Discover Nature—

### Women Overnight (SNR)

“Discover Nature—Women” offers the opportunity to participate in a variety of outdoor activities led by knowledgeable instructors. Women age 14 and older (14 to 17 years must be accompanied by an adult) can learn, improve, or practice their choice of three different outdoor skills. A variety of sessions will be offered from archery, trap shooting, or fly fishing to nature crafts. If you like to cook, how about Dutch oven cooking? Optional evening activities might include a night hike, star gazing, or sitting around the camp fire. Go to [www.shawnature.org](http://www.shawnature.org) or call (636) 451-3512 for a complete list of activities and special registration form. Registration must be received by May 6. Accommodations are dormitory style in historic log lodges. No partial day sign-ups. This program is offered in cooperation with the Missouri Department of Conservation.

Saturday, May 14 to Sunday, May 15  
9 to 5 p.m.

\$105 members; \$125 nonmembers

Dana Brown Overnight Center  
SNR and MDC staff and volunteers

# HORTICULTURE FOR HEALTH AND WELL-BEING

At the Missouri Botanical Garden, we believe the quality of your life is directly related to the connection you have with the natural world. As a place of seasonal beauty and serene surroundings, the Garden provides a spectacular setting for moderate exercise and unique ways to manage the stresses in your life.

*Roger Ulrich, one of the pioneers of research in this area, conducted an experiment in which hospital patients suffering and recovering from identical operations were more likely to recover quickly if they had a daily view of nature from their hospital beds.*

## Stay Strong, Stay Healthy:

### For Seniors (MBG)

Enjoy the beauty of the Garden during this 9-week strength training program for seniors. Light weights will be used to increase strength and improve balance. Weather permitting, the program may take place outdoors in the Garden.

March 2, 9, 16, 23, 30, and April 6, 13, 20, 27  
10 to 11 a.m.

\$54 members; \$64 nonmembers  
Missouri Room/Garden Grounds  
Mary Wissmann MS, RD, LD

## Eat Well, Be Well With

### Diabetes (MBG)

Be healthy at the Garden! A 4-session series with a strong focus on nutrition, that provides people who have type 2 diabetes, their family and friends with tools to manage their diabetes through practical information, fun recipes, small group discussion, and skill-building activities. Learn not only basic tips on how to grow your own healthy vegetables and fruits in containers, but also how the Garden can be your gym!

April 7, 14, 21, 28  
10 a.m. to noon

\$72 members; \$86 nonmembers  
Garden Room  
Mary Wissmann MS, RD, LD

## Seasonal Fitness Walks (MBG)

Many of us miss the beautiful, ever-changing seasonal blooms in the Garden. Join us on a once-a-month walk with a focus on fitness as we journey through the Garden. Dress for the weather and wear your walking shoes. Bring a water bottle to keep you hydrated.

10 to 11 a.m.

\$6 members; \$7 nonmembers per class

Meet at Ridgway Ticket Counter  
Donald Frisch

### Early Spring Fitness Walk

Monday, March 14 or 28

### April Flowers Fitness Walk

Monday, April 4 or 18

### May Flowers Fitness Walk

Monday, May 2 or 16

## De-stressing with

### Flowers (MBG)

Take time for yourself! De-stress while arranging beautiful flowers of the season.

10 to 11:30 a.m.

\$18 members; \$21 nonmembers per class  
Missouri Room  
Jennifer Smith

### Early Spring Arrangement

Friday, March 25

### Earth Day Arrangement

Friday, April 22

### Mothers Day Arrangement

Friday, May 4

## Wednesday Walkers (SNR)

Each Wednesday, sign in at the Visitor Center and pick up your map for the day. The walk averages 1 1/2 to 2 hours, allowing time to stop, look, listen, and converse. At the end of 9 weeks you will have hiked most of the trails and made new friends. The final walk will be "Reward Wednesday." No pre-registration required. Pay each time on arrival.

Each Wednesday in April and May  
10 to 11:30 a.m.

\$1 members; \$1 nonmembers plus \$3  
admission fee

Meet at the Visitor Center  
SNR staff

# YOUTH & FAMILY PROGRAMS

## AGES 2–6

### **Strollerobics** (MBG)

Workout at the Garden with trained fitness instructors! Strollerobics (eight-week series) is a fun workout for all fitness levels. Participants push strollers along the Garden's mostly flat paths, stopping to do cardio and toning exercises. Your children will enjoy the Garden's sights and sounds while you get a great workout and socialize with other moms!

**Tuesday Series:** March 29, April 5, 12, 19, 26, May 3, 10, 17

**Wednesday Series:** March 30, April 6, 13, 20, 27, May 4, 11, 18

**Thursday Series:** March 31, April 7, 14, 21, 28, May 5, 12, 19

**Friday Series:** April 1, 8, 15, 22, 29, May 6, 13, 20

9:30 to 10:30 a.m.

\*Tuesday Series offered in the evening, 6 to 7 p.m.

\$52 members; \$64 nonmembers

Check in at Ridgway Visitor Center front desk

### **Little Sprouts: Spring Series** (MBG)

For ages 2–3. As flowers begin to brighten the Garden, we will learn about the different parts of plants each week. Participants will learn about a new type of flower and a specific plant part (like seeds, flowers, leaves, or roots) during each class. Price includes one child and one adult.

**Spring Monday Series:** April 11, 18, 25, May 2, 9, 16, 23

**Spring Tuesday Series:** April 12, 19, 26, May 3, 10, 17, 24

**Spring Wednesday Series:** April 13, 20, 27, May 4, 11, 18, 25

10 to 11:30 a.m.

\$98 members; \$126 nonmembers

Ridgway Visitor Center—Jordan Education Wing

Kelly Wehrheim

### **Little Sprouts: Summer Series** (MBG)

For ages 2–3. During this 4-week series, we will explore a new Garden habitat each week. Children will learn about what plants and animals make native forests, ponds, and prairies so special. Price includes one child and one adult.

**Summer Tuesday Series:** June 7, 14, 21, 28

**Summer Wednesday Series:** June 8, 15, 22, 29

10 to 11:30 a.m.

\$56 members; \$72 nonmembers

Ridgway Visitor Center—Jordan Education Wing

Kelly Wehrheim

### **Little Acorns** (SNR)

For ages 3–5. Each class will include hands-on activities, a story, snack, and a craft. Cost is per child. "Bring a Friend" Benefit: Encourage a friend to register for Little Acorns, and upon arrival you will both receive a free tree sapling to take home!

10 a.m. to noon

\$14 members; \$18 nonmembers per class

Carriage House

Karen Bryan

### ***We Have a Lot of Growing to Do!***

It all began with a seed. How do seeds get transported to new locations? Do all seeds look alike? In this class we will take a close-up view of seeds. You will help us plant some seeds and even take some seeds home.

Tuesday, March 1

### ***Earthworms***

Are you friends with any earthworms? Earthworms have a very important job. We will learn some cool earthworm facts and even take some home.

Tuesday, April 5

### ***Babies at Shaw Nature Reserve***

We will search for some of the babies that live here at Shaw Nature Reserve and we will learn how they survive.

Tuesday, May 3

**Bed Bugs (BH)**

For ages 3–6. Price includes one child and one adult.

6:30 to 8 p.m.

\$12 members; \$15 nonmembers per class

Lopata Learning Lab

Donna Dupske, Amy Hammann, and Adam Jaschek

**Spiders**

Don't be a "Miss Muffett" any more! Learning about these creatures of the night and their help to our world.

Friday, April 15

**Butterflies**

Settle your wings for the night with a story, games, and snack against the backdrop of the beautiful butterflies.

Friday, April 22

**Camp Bugaloo (BH)**

For ages 3–5. Small snacks and story time will complete the program. Price includes one child and one adult.

\$12 members; \$15 nonmembers per class

Lopata Learning Lab

Donna Dupske

**Bugs**

Train to become one of the staff as we practice insect "care" in the Play Bug Lab. Eat like a bug with common tools, and use the nets to catch a high flyer in the classroom.

Sunday, June 12, 1:30 to 3 p.m.

Wednesday, June 15, 9:30 to 11 a.m.

**Blossoms**

Calling all budding florists! Practice with plants and bouquets in the pretend greenhouse of the Butterfly House, then plant an alphabet in the boxes. Dig up the garden trinkets and match them together.

Sunday, July 10, 1:30 to 3 p.m.

Wednesday, July 13, 9:30 to 11 a.m.

**Garden Buds (MBG)**

Discover the amazing world of plants with your preschooler in Garden Buds! For ages 4–6. Price includes one child and one adult. Register for three or more Garden Buds classes, and your child will receive a free t-shirt and journal!

10 to 11:30 a.m.

\$14 members; \$18 nonmembers per class

Botanical Room

Kelly Wehrheim

**Climbers & Creepers**

Do plants move? They have roots, but they grow up, down, and all around to find the sunlight they need. Take home a creepy, crawly, climbing plant of your own!

Thursday, March 10

**Cherry Blossom Time **

When the brave cherry blossom blooms, spring has surely sprung! Celebrate in Japanese style by making a *sakura* (cherry blossom) picture.

Thursday, March 24

**Budding Buddies**

A bud is a blanket around a baby flower or leaf. Let's find these fuzzy friends on our way to the Chinese Garden. We'll look for other signs of spring and you'll get a flower bud to brighten your room!

Thursday, April 7

**Bloomin' Bulbs**

Tulips, daffodils, crocus, and hyacinths! Join us as we learn the names of these spring treasures and how they grow. You'll take home a bloomin' bulb of your own.

Thursday, April 21

**The Rainbow Garden**

There are so many colors to discover in the Garden. We'll count how many colors we can find on our walk to the Iris Garden, which will be bursting with color!

Thursday, April 28

**Swinging through the Rainforest**

Who might be hanging from a banana plant? Discover which animals and plants live in the layers of the rainforest. Take home a rainforest plant to start your own jungle.

Thursday, May 19

## Pitzman Summer

### Saturdays (MBG)

For ages 4–6. Price includes one child and one adult. Register for three or more Pitzman Summer Saturday classes, and your child will receive a free t-shirt and journal!

10:30 a.m. to noon

\$16 members; \$18 nonmembers, per class

Beaumont Room

Pam Wentworth, Jan Erdman,  
and Cathy Edmond

### Maps and Mazes

We will follow a map to find our way to the Jennie Latzer Kaeser Memorial Maze and then climb to the top of the observatory for a “bird’s eye” view. Creating your own map or maze will be a part of the fun. This does include a rather long walk.

Saturday, June 18

### A Rainbow of Paint

This class will allow you to capture your own interpretation of the beauty of the Garden. We will dabble with brushes and watercolor paints as we sit amid the Garden’s lush landscapes. You will each take your own matted art work home with you.

Saturday, June 25

### Kids, Koi, and Lotus

This class combines two of our favorite Japanese classes to double your fun. The children will learn about carp (koi), as they observe them up close, and then stop to explore the beauty of the lotus flowers and their amazing seed pods. Each child will decorate a koi kite to take home.

Saturday, July 9

## Exploring Bridges

Bridges help us get from here to there, and you will be surprised at just how many can be found here in the Garden. After noticing how they are constructed and the many different materials used to make them, you will get a chance to build some of your own. Each participant will have at least one to take home.

Saturday, July 16

## The Butterfly Garden

Join us as we explore the butterfly garden at the Kemper Center, noticing the plants and flowers that are planted there to provide food and shelter for butterflies and their caterpillars. You will each get a flowering plant to take home and care for in your own garden.

Saturday, July 23

## Leaf Creatures

This class is a take off on the popular children’s book, *Leaf Man*. After reading the book, we will walk through the Garden collecting a variety of leaves, which we will then use to make some leafy creatures of our own.

Saturday, July 30

## AGES 6 AND OLDER

### Budding Nature Artists

#### Workshop (MBG)

For ages 6–10 with an adult. Join us as we make a nature journal of your very own, then we'll take that journal into the Garden to explore and document your discoveries! You'll also plant a plant to take home so you can continue to make observations in your journal. Pricing includes one child and one adult.

Saturday, April 9  
10 a.m. to noon  
\$20 members; \$24 nonmembers  
Botanical Room  
Kelly Wehrheim

### DIY Paper Making (BH)

For ages 7–13. Making your own unique stationery is easier than you think! Come celebrate Earth Week by learning just how simple and economical this practice can be by creating your own paper out of natural materials. Price includes one child and one adult. Supplies will be provided.

Saturday, April 16  
2 to 4 p.m.  
\$14 members; \$18 nonmembers  
Lopata Learning Lab  
Mandi Newton and Jessica Deering

### Tree Fairy Tea Party (SNR)

Ladies, bring a favorite little girl age 6 to 9 to our Fairy Tea Party. Together you will create a lovely centerpiece for your table, hear a story, enjoy special fruit-flavored tea, crocus fruit cups, yummy desserts and explore the woodland in search of tree-dwelling fairies and their houses. Cost includes one child and one adult.

Saturday, April 30  
2 to 4 p.m.  
\$25 members; \$30 nonmembers  
Carriage House  
Barbara Troutman, Karen Bryan

### All Girls Garden Party (MBG)

For ages 6–10 with an adult. Please join us to celebrate the blooming beauties of the Garden! We will create floral centerpieces and partywear, prepare seasonal snacks, and then enjoy an eco-friendly celebration at the Kemper Center's Summer Plant House. Pricing includes one child and one adult.

Saturday, May 7

1 to 4 p.m.

\$29 members; \$36 nonmembers  
Summer Plant House—  
Botanical Room for rain backup  
Kelly Wehrheim

### Insect Display 101 (BH)

For ages 7–13. Discover various techniques to proudly display all the prized insects you have found during your outdoor adventures. In this class, you will learn how to mount, spread, and pin a variety of insects from beetles to butterflies. Instructional booklets will be provided to take home. Pricing includes one child and one adult.

Sunday, May 15  
10 a.m. to noon  
\$16 members; \$20 nonmembers  
Lopata Learning Lab  
Mandi Newton

### Kids First Time Fishing (SNR)

Fishing is not normally allowed at the Reserve, but the Missouri Department of Conservation is teaming up with Shaw Nature Reserve to provide a special fishing experience for first-time or inexperienced young anglers 6 to 12 years old. Equipment, bait, and assistance will be provided. At least one adult should attend for every two children. Fishing is for kids only. Refreshments provided. Cost is per child.

Saturday, June 11  
9 to 11:30 a.m.  
\$10 members; \$12 nonmembers  
Follow signs from Visitor Center  
SNR and MDC staff and volunteers

### Backyard Bug Adventure (BH)

For ages 8 and older: What insects, arachnids, and other invertebrates can you find with just a net and an observant eye? Come hunt for all the fascinating hidden animals that call Faust Park home. We will take a guided tour through the prairie catching and examining a large variety of arthropods. All will be examined, identified, and released before the end of the program. Price includes one child and one adult.

Tuesday, June 14  
10 to 11:30 am  
\$12 members; \$15 nonmembers  
Lopata Learning Lab  
Chris Hartley

### Nighttime Insect Safari (SNR)

This class is for adults and families with children ages 8 and older. Explore the fascinating world of night-flying insects. Marvel at their diversity and adaptations as we lure these mysterious creatures with black lights. Come prepared for moderate hiking and wear dark clothing. Price is per person.

Saturday, June 25

8:30 to 11 p.m.

\$16 members; \$20 nonmembers

Meet at Visitor Center

James Trager

### Your Backyard Chorus (BH)

For ages 7–13. Summer wouldn't be summer without the familiar insect chorus. Find out who is serenading you and learn how to attract singing insects to your garden!

Sunday, June 5

1 to 2:30 p.m.

\$16 members; \$20 nonmembers

Lopata Learning Lab

Jennifer Boeyink

### Insects of the Night (BH)

For ages 7 and over. When you are getting ready to end your day, many insects are just getting theirs started! Come out to explore the habitats around the Butterfly House on a night hike to see who is out and about. Participants will assist in operating light traps as well as collecting and identifying insects. Price includes one child and one adult.

Saturday, July 9

8:30 to 10 p.m.

\$12 members; \$15 nonmembers

Meet at front entrance of the Butterfly House

Mandi Netwon

### Lost Ladybugs (BH)

For ages 7–13. Come search for ladybugs in the fields around the Butterfly House. There are native and exotic ladybugs living here, and we need your help to locate some of the native ones. We will photograph any that we do find and submit them to the national Lost Ladybug project, which is dedicated to protecting native ladybugs. Price includes one child and one adult.

Sunday, August 21

9:30 to 10:30 a.m. OR 11 a.m. to noon

\$8 members; \$10 nonmembers

Lopata Learning Lab

Chris Hartley

### Camp EarthWays: Young Green Builders (MBG)

For ages 10–13. The EarthWays Center demonstrates how best to “green” our homes and lifestyles. Campers will explore sustainable home design as they create a fantasy green home from the inside out, interact with green building professionals, and hop aboard public transportation to discover new neighborhoods and homes.

This program is supported by St. Louis Jefferson Solid Waste Management District.

Monday through Friday, July 11–15  
9 a.m. to 4 p.m.

\$170 members; \$204 nonmembers

Commerce Bank Center for Science

Education—Room 126

Katy Mike Smaistrla

### Camp EarthWays Open House (MBG)

Join young students from Camp EarthWays: Young Green Builders during this open house as they show off their fantasy green home designs. Check out the next generation's ideas and blueprints for the future! And don't be surprised if you get some great ideas.

Friday, July 15

2 to 4 p.m.

Free

Commerce Bank Center for Science

Education—Room 126

Katy Mike Smaistrla and The Young

Green Builder Campers

### Take a Shot! Kids

#### Photo Contest (SNR)

Budding young photographers and nature lovers, ages 14 and under, are eligible to enter this photo contest that is co-sponsored by the Missouri Nature and Environmental Photographers (MoNEP) and Shaw Nature Reserve. The contest has four nature-related categories with three winners in each. All photos must be taken at Shaw Nature Reserve between April 1 and July 15 of 2011. For contest rules and entry form go to [www.shawnature.org](http://www.shawnature.org).

# FAMILIES OF ALL AGES

## CLASSES

---

### **Shaw Family Adventures (SNR)**

For ages 3 and up with an accompanying adult. Cost is per child.

*This program is supported by Maritz.*

9:30 to 11:30 a.m.

\$1 members; \$2 nonmembers

Meet at Visitor Center

Karen Bryan, Katie Zimmer

### **Creek Stomp**

Grab your creek shoes and come and explore Brush Creek with us. We will see what kind of critters are living in the creek. If the water level is high we will explore one of our ponds. Round trip hike will be around 3/4 mile.

Monday, June 13 OR Friday, July 1

### **Tree Cycle**

Come and join us as we explore the cycle of a tree. We will follow it from a seed to a rotting log exploring seeds, and what they need to grow. A close look at parts of a tree will also be a part of this class. At the end of class you will have something to take home for your own yard.

Wednesday, June 15

### **Nature Explore Classroom**

#### **Project Day**

What lives in the Nature Explore Classroom? Join us as we make the area inviting to the plants and animals that might live there.

Friday, June 17

### **Wolf Run Lake Exploration**

Come with us as we use nets to explore in and around the water's edge at Wolf Run Lake. Sometimes fish, dragonflies, and turtles spend time there, so why shouldn't we?

Monday, June 20

### **Without Batteries**

Adults, do you remember your favorite childhood activities? Most of them didn't require batteries like activities for kids today. Join us as we explore nature, the outdoors, and hands-on activities that don't need batteries.

Wednesday, June 22

### **Let's Go Green!**

During class we will be investigating what objects can be reused and recycled. We will also be using our imaginations to make some cool new products.

Friday, June 24

### **Fairy Houses**

Do fairies live at Shaw Nature Reserve? This program will be based on the children's book *Fairy Houses* by Tracy Kane. Come and construct your own miniature house for a fairy, troll, gnome or other creature that may live in the woods at the Reserve.

Monday, June 27

### **Missouri Critters at Shaw Nature Reserve**

What critters live in your backyard? We will explore animals, their habitats, and unique characteristics. Would you make it as an animal? Join us and try your skills.

Wednesday, June 29

### **Green Parenting:**

#### **Summer Fun (MBG)**

For parents. Looking for fun, green, ways to spend your summer days? Let the EarthWays staff make some suggestions for destinations and activities. We'll even do some hands-on experiments and activities ourselves that will be sure to shed some light on the subject! Pricing includes one adult and up to three accompanying children allowed. Must be ages 5 and older.

Saturday, June 11

10 to 11:30 a.m.

\$28 members; \$33 nonmembers

Garden Room

Kim Petzing

## Green Parenting: Back to School (MBG)

For parents. Thinking about all those school supplies you need to purchase? Do you wish your child's school was doing more to be green? There may be more that you can do than you realize! Meet with EarthWays staff and others to discover a variety of ways you can make your student's year at school a green one! Pricing includes one adult and up to three accompanying children allowed. Must be ages 5 and older.

Sunday, August 7

1 to 2:30 p.m.

\$28 members; \$33 nonmembers

Commerce Bank Center for Science Education—Room 119

Kim Petzing

## DROP-IN FAMILY ACTIVITIES

---

### Great Green Adventures (MBG)

Sign up now or just drop-in to explore a special area of the Garden. For ages 6–12. Price includes one adult and up to three children.

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

Members free with Garden admission; \$3

with Garden admission nonmembers

Doris I. Schnuck Children's Garden Ticket

Fort

Kelly Wehrheim

### Early Bloomers (MBG)

We'll search for the first signs of spring as much of the Garden starts to wake up.

Saturday, March 19

### Exploring the Chinese Garden (MBG)

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

Saturday, April 16

### Missouri Native Shade Garden (MBG)

In celebration of the U.N. Year of Forests, we'll learn about the plants of Missouri's forests and how to protect the remaining native ecosystem

Saturday, May 21

### Symbolism in the Japanese Garden (MBG)

Let's explore the plants and features of the Japanese Garden and find out their meaning.

Saturday, June 18

### Incredible Insects (MBG)

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

Saturday, July 16

### My Senses Tell Me... (MBG)

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

Saturday, August 20

### Naturally Crafty Saturdays (BH)

For ages 2–13.

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

Included with Butterfly House admission

Lopata Learning Lab

Jessica Deering

Saturday, February 19—

Explore a world of flowers and flying insects through fun, hands-on crafts.

Saturday, April 2—

Can you craft bugs that are in disguise? We will show you how by using real examples from nature.

### Bugaloo: Nature's Shapes and Colors (BH)

For ages 3–5. If you mix red, yellow, and blue with circles, squares, and triangles, you get a "naturally" good time.

Sunday, February 13

11 a.m. to 2 p.m.

Included with Butterfly House admission

Lopata Learning Lab

Donna Dupske, Chris Hartley

### Buggin' Out for Earth Day (BH)

For ages 3–10. Learn recycling and conservation tips as you participate in games and activities

Saturday, April 23

11 a.m. to 2 p.m.

Included with Butterfly House admission

Lopata Learning Lab

Adam Jaschek and Amy Hammann

### **BUZZ: Edible Insects** (BH)

Sample cooked insects and learn how insects are a common supplement to worldwide diets.

Sunday, April 3  
11 a.m. to 2 p.m.

Included with Butterfly House admission  
Lopata Learning Lab  
Chris Hartley

### **BUZZ: Rotting Logs** (BH)

For ages 7–13. Learn behaviors of decomposers in the forest as you participate in games and activities.

Saturday, August 13  
11 a.m. to 2 p.m.

Included with Butterfly House admission  
Lopata learning lab  
Chris Hartley

### **Bug Hunt** (BH)

For ages 2–13. Learn behaviors of insects in their natural habitats by being an insect. Transform yourself into an insect through games and activities, then step outside and see if you can beat our own native insects by capturing them with one of our own entomologists.

Saturday, July 30  
11 a.m. to 2 p.m.

Included with Butterfly House admission  
Lopata Learning Lab  
Laura Chisholm

### **Pollinator Palooza—**

#### **Father’s Day** (BH)

For ages 2–13. Discover how your world is affected by a simple bee and learn how you can help in this journey. Through games, demonstrations, and crafts learn who is a pollinator and how they work.

Sunday, June 19  
11 a.m. to 2 p.m.

Included with Butterfly House admission  
Lopata Learning Lab  
Laura Chisholm

#### **Discover Nature Families** (SNR)

For families with children ages 3 and up. This program is offered in cooperation with the Missouri Department of Conservation. Drop in for a few minutes or half an hour.

9:30 a.m. to noon

Free with SNR admission

Meet at SNR Nature Explore Classroom  
SNR volunteers

#### **Signs of Spring**

Join us for a scavenger hunt and search for signs of spring at Shaw Nature Reserve.

Saturday, May 21

#### **Explore the Wetlands**

Use nets to explore what lives in Shaw Nature Reserve’s wetlands.

Saturday, June 18

## SPECIAL EVENTS

### **March Morpho Mania®** (BH)

It’s “March Morpho Mania” at the Sophia M. Sachs Butterfly House! Big, bright blue morpho butterflies are our visitors’ favorite, and all month long visitors will be immersed among more than 3,000 of them inside the Tropical Conservatory. Don’t miss this dramatic sight while it lasts! Learn more about butterfly farms and where these tropical beauties are raised in Costa Rica.

March 1–31

9 a.m. to 4 p.m. daily; closed Mondays.

### **Tale Travelers** (SNR)

Kids, gather your family, walking shoes, water bottle, and backpack for an adventure-filled day at the Shaw Nature Reserve! Listen to nature stories, create cool crafts, and explore the outdoors at “Tale Travelers.” Come for an hour or stay all afternoon. Activities are designed for children ages 4–12 but can be enjoyed by all. Cost is per child. Children 3 and under free.

Sunday, April 10  
1 to 4 p.m.


\$4 members; \$5 nonmembers

Follow signs from Shaw Nature Reserve  
Visitor Center

SNR staff and volunteers

## TREEmendous Forest

### Festival (MBG)

Celebrate National Arbor Day by experiencing and learning about the Missouri Botanical Garden's historic, state champion, and other significant trees. The weekend is full of expert-led tree tours, tree care demonstration clinics, hands-on workshops, and other festivities. Check out our many tree-themed classes throughout this catalog, as noted by the .

April 30 to May 1  
9 to 4 p.m.

For more information visit [www.mobot.org](http://www.mobot.org)

## Pollinator Week

Pollinators are often keystone species, meaning that they are critical to an ecosystem. The work of pollinators ensures full harvests of crops and contributes to healthy plants everywhere. Visit the Butterfly House, Shaw Nature Reserve, or the Missouri Botanical Garden during this week to see pollinators in action and celebrate all they do for planet Earth.

June 19–25

For more information visit [www.mobot.org](http://www.mobot.org)

## SCOUT AND FAMILY OVERNIGHTS

### Forestry Sleepover for

#### Boy Scouts (SNR)

Calling Boy Scouts! Are you interested in a unique opportunity to work towards your Forestry badge? Look no further. Come experience Shaw Nature Reserve overnight and learn about the tree layers in a forest. Scouts will draw, label, and learn to identify more than 15 native trees and plants and will explore how wildlife and humans use them. Find out how trees grow using tree rings. Learn about forest management and how to protect our forests; find out what is being done at Shaw Nature Reserve. Scouts will bed down for the night next to the prairie. Don't forget your tents! Scouts must be accompanied by an adult, one adult per 5 scouts required. Price is per person and includes dinner, late-night snack, and light continental breakfast.

Friday, March 18 to Saturday, March 19  
5:30 p.m. to 11 a.m.

\$45 per scout, \$35 per adult

Shaw Nature Reserve Visitor Center  
MBG and SNR Staff

### Forester Sleepover for

#### Webelo Scouts (MBG)

Calling all Webelo Scouts! Are you interested in a unique opportunity to earn your Forester badge? Look no further. Come experience the Garden overnight and learn about the tree layers in a forest. Scouts will draw, label, and learn to identify more than six native trees and plants and will explore how wildlife and humans use them. Find out how trees grow using

tree rings. Play a game to discover how the trees interact with nonliving things in order to grow. Scouts will bed down for the night amid the lush landscape of the Garden without tents. One scout leader/chaperone required for every five scouts. Price is per person and includes dinner, late-night snack, and light continental breakfast.

Saturday, March 26 to Sunday, March 27  
5:30 p.m. to 8:30 a.m.

\$45 per scout, \$35 per adult

Linnean Plaza  
MBG Staff

### Get Moving: Night Sky

#### Sleepover for Junior

#### Girl Scouts (MBG)

Calling all Junior Girl Scouts to Get Moving! Come experience the Garden overnight for a Night Sky Sleepover. Juniors will take a nighttime trek through the Garden, viewing constellations, learning about natural light and actual light for plants both inside and out. Scouts will learn about light pollution and will create silhouettes. Activities are designed to align with Journeys Get Moving: Night Sky and It's Your Planet—Love It! Scouts will bed down for the night amid the lush landscapes of the Garden without tents. One scout leader/chaperone required for every five scouts. Price is per person and includes dinner, late-night snack, and light continental breakfast.

Saturday, April 23 to Sunday, April 24  
5:30 p.m. to 8:30 a.m.

\$45 per scout, \$35 per adult

Linnean Plaza  
MBG Staff

## Hop, Leap, or Fly! Family Overnight (SNR)

For families with children ages 4–13. Come join us as we discover what critters hop, leap, or fly at Shaw Nature Reserve. We will investigate different habitats during the day and night using our senses. Live animals will be making an appearance! Activities begin in the evening and go through the following morning. There will be hikes, a craft, and hands-on educational activities. Breakfast is provided. Please bring one adult per child. Cost is per person.

Friday, March 11 to Saturday, March 12  
6:30 p.m. to 10:30 a.m.

\$50 members; \$60 nonmembers  
Dana Brown Overnight Center  
Karen Bryan and Aileen Abbott

## Let's Go Letterboxing: A Mother and Daughter Overnight (SNR)

For mothers and their daughters 7 years and older. Letterboxing combines hiking, treasure hunting, and creative expression into an activity that the whole family can enjoy. Join us as we seek out hidden letterboxes at the Nature Reserve, following clues and recording our discoveries in a personal journal that we make. Learn how to discover other letterboxes hidden throughout the United States. Friday evening we will make journals and learn about the sport. Saturday morning will be spent searching for “treasures.” Cost is per person.

Friday, April 1 to Saturday, April 2  
6:30 p.m. to 11:30 a.m.

\$50 members; \$60 nonmembers  
Dana Brown Overnight Center  
Lydia Toth

### CALLING ALL TEACHERS!

Throughout the summer, the Garden offers teacher professional development workshops designed to increase your science content expertise, improve your practice, and strengthen the connections you and your students have with the natural world. Learn more at [www.mobot.org/education](http://www.mobot.org/education).

## Family Sleepovers: Exploring Nature at Night (MBG)

For families with children ages 6–12. Interested in a unique opportunity to explore the natural world at night? Look no further. Come experience the Garden overnight and learn about natural dyes that come from plants while personalizing your sleepover t-shirt. Your five senses come alive as you and your family explore why animals' eyes shine at night and why many of them have such keen hearing. Families will meet several of the Garden's trees blindfolded through the sense of touch by exploring textures of the bark. Discover the “scents”ible nature of plants and why their smell is so important in nature. Then we'll tantalize your taste buds with a late night snack of natural treats. Then bed down for the night amid the lush landscape of the Garden without tents. All children must be accompanied by an adult. Price is per person and includes dinner, late-night snack, and light continental breakfast.

Saturday, May 7 to Sunday, May 8  
OR

Saturday, June 18 to Sunday, June 19  
5:30 p.m. to 8:30 a.m.

\$40 members; \$50 nonmembers  
Linnean Plaza  
MBG Staff

## Last Days of Summer: Discover Nature—Families Overnight (SNR)

For families with children ages 10 and up. Take one last weekend to enjoy the summer before it's back to school time. Enjoy a campfire, night hike and stargazing Friday night, then try your hand at archery and using a GPS unit and compass, plus explore what's living in the ponds and streams at the Shaw Nature Reserve. Evening snack, breakfast and lunch provided. Cost is per person.

Friday, August 12 to Saturday, August 13  
7 p.m. to 5 p.m.

\$55 members; \$65 nonmembers  
Dana Brown Overnight Center  
SNR and MDC staff and volunteers

# REGISTRATION INFORMATION

## Ways to register:

- Online: [www.mobot.org/classes](http://www.mobot.org/classes)
- By mail: Please use the mail-in form on the next page to register for programs at all sites (the Garden, Shaw Nature Reserve, and the Butterfly House).
- By phone: (314) 577-5140. You will be prompted to select a site for more information.

**Location of classes:** Site maps are available at [www.mobot.org/classes](http://www.mobot.org/classes)

- **Missouri Botanical Garden** is located off Interstate 44 and is easily accessible from the major highways in the area. Address: 4344 Shaw Boulevard, St. Louis, MO 63110
- **Shaw Nature Reserve** is located in Gray Summit, Missouri in eastern Franklin County. Address: Hwy 100 at I-44 (Exit 253), P.O. Box 38, Gray Summit, MO 63039
- **Sophia M. Sachs Butterfly House** is located in Chesterfield, Missouri within Faust Park. Address: 15193 Olive Boulevard, Faust Park, Chesterfield, MO 63017
- **Commerce Bank Center for Science Education (CBEC)** is located at 4561 Shaw Boulevard, St. Louis, MO 63110.

**Class information:** Class details are available online at [www.mobot.org/classes](http://www.mobot.org/classes) within each individual class listing.

**Accommodations and accessibility:** For information on accessibility, 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.

## Cancellations/refunds:

- For cancellations more than 5 business days prior to the class, a full refund, minus a \$5.00 processing fee (or cost of class if less than \$5.00), will be issued, unless otherwise noted. Refunds cannot be issued for missed classes or cancellations 5 or less business days prior to class.
- For overnight program refunds, cancellations must be made at

least 2 weeks prior to the program. Refunds cannot be issued for cancellations less than 2 weeks or missed programs.

- Many classes will allow you to send an alternate participant if you are unable to attend. Please contact the appropriate site prior to sending an alternate.
- If the Missouri Botanical Garden must cancel a class, you will be notified and receive a full refund.

**Inclement Weather:** Participants should come dressed for the weather as programs are usually held rain or shine. If in doubt, please refer to your registration confirmation for contact information.

**Questions:** For questions on classes at the Garden and registration process information, please call (314) 577-5140 or e-mail [classes@mobot.org](mailto:classes@mobot.org)

Missouri Botanical Garden is an Equal Opportunity/Affirmative Action Employer.

© 2010 Missouri Botanical Garden

## Sustainability

The Missouri Botanical Garden strives to make the most sustainable choice for the future of people, plants, and the planet. This publication is printed on 100% postconsumer recycled paper. When you have finished with it, please recycle it again or pass it along to a friend!

# REGISTRATION FORM

Name: \_\_\_\_\_ Gender\*: \_\_\_\_\_

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

Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

*\* 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, P.O. Box 299, St. Louis, MO 63166

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

To register go to [www.mobot.org/classes](http://www.mobot.org/classes)



**REGISTRATION  
STARTS FEBRUARY 1.  
SIGN UP ONLINE AT  
[MOBOT.ORG/CLASSES](http://MOBOT.ORG/CLASSES)**

**CLASSES ARE ALSO OFFERED AT:**

**Commerce Bank Center for Science  
Education**

4651 Shaw Blvd.

St Louis, MO 63110

**Shaw Nature Reserve**

Hwy 100 at I-44 (exit 253)

P.O. Box 38

Gray Summit, MO 63039

(636) 451-3512

**Sophia M. Sachs Butterfly House**

15193 Olive Blvd., Faust Park

Chesterfield, MO 63017

(636) 530-0076

(Maps available online.)