



# Joseph Regenstein, Jr. School

## Adult Education

An extensive schedule provides a wealth of choices; instruction by Garden staff and experts in their field ensures every class, workshop, or symposium is an exceptional learning experience.

### Botanical Art and Photography Student Exhibitions

The Joseph Regenstein, Jr. School of the Chicago Botanic Garden is proud of its thriving artist community, and every year students have the opportunity to participate in two exciting exhibitions at the Garden. The Joutras Gallery shows provide a rare opportunity for students at all levels to exhibit their work and participate in a professional gallery experience. The exhibitions also offer Garden visitors a glimpse of our students' and teaching staff's impressive skills, inspiring some to take a class. Intrigued? Let your creativity flourish! See pages 58 to 66 for our upcoming botanical arts and photography class schedule. Photography students interested in exhibiting work, please visit [chicagobotanic.org/school/exhibitions/photo\\_exhibition](http://chicagobotanic.org/school/exhibitions/photo_exhibition) for



submission requirements and deadlines; botanical art students, [chicagobotanic.org/school/exhibitions/botart\\_exhibition](http://chicagobotanic.org/school/exhibitions/botart_exhibition) is the address.

*Focusing on Nature: Annual Student Botanical Photography Exhibition* is from August 23 to September 28, and *Drawn from Nature: Eighth Annual Student Botanical Arts Exhibition* is from October 4 to 19.

Join us for the opening reception of *Focusing on Nature* on Friday, August 22, from 6 to 8 p.m. The closing reception for *Drawn from Nature* Botanical Arts Exhibition takes place October 19 from 1 to 4 p.m. Both events, in the Joutras Gallery, are free and open to the public.

# Highlights

## New! Make Way for Monarchs

*A Janet Meakin Poor Symposium*  
Friday, June 6  
See page 44.



## New! Garden History Detective

Saturday, June 14  
See page 56.

## Father's Day Canoe Adventure!

Saturday & Sunday, June 14 & 15  
See page 54.



## Succulent Wreath

Tuesday, July 1  
See page 48.



## The Art of Graphics

4 Mondays, July 7 – 28  
See page 56.

## New! The Front Yard Forager Workshop

Friday, June 20  
See page 48.

## New! Vitamin G: Mindful Walking Class

5 Wednesdays, July 9 – August 6  
See page 67.



## New! Silken Luminaries

Tuesday, June 24  
See page 58.



## A Day in the Shade

Saturday, August 23  
See page 55.

## Certificate Programs Information Session

Wednesday, June 25  
See page 50.

# Overview of Courses and Programs

## GENERAL INTEREST COURSES

Courses cover myriad topics and provide high-quality learning opportunities for beginning and more advanced gardeners. For specific program questions, contact the registrar at [school@chicagobotanic.org](mailto:school@chicagobotanic.org) or (847) 835-8261.

### Professional Programs

Professional programs are intensive studies in a particular area of interest for the advanced student. These courses routinely carry continuing education units for various professional organizations. Please direct comments or topic suggestions to Jill Selinger at [school@chicagobotanic.org](mailto:school@chicagobotanic.org) or (847) 835-6849.

### Symposia

Symposia, offered throughout the year, provide an in-depth look at a variety of topics. Regional, national, and international speakers provide new perspectives for amateur gardeners, professional horticulturists, landscape designers and architects, scientists, conservationists, and other green-industry professionals. Please direct comments or topic suggestions to Beth Pinargote at [school@chicagobotanic.org](mailto:school@chicagobotanic.org) or (847) 835-8278.

### Master Gardener Training Program

In conjunction with University of Illinois Extension, the Garden offers the Master Gardener Training Program. The program covers the basics of horticulture, including classes on woody and herbaceous ornamental plant materials, fruit and vegetable crops, entomology, and pathology.

After completing the training program and 60 hours of volunteer service, participants become certified University of Illinois Extension Master Gardeners. The next on-site program will be in January 2015 and the next online program will begin in January 2014. Please visit [chicagobotanic.org/school/mastergardener](http://chicagobotanic.org/school/mastergardener) or call Jill Selinger at (847) 835-6849.

### Certificate Programs

Learn how a certificate of merit can help you fulfill a dream, start a new career, or delve more deeply into an area of interest. Look for these codes after a course listing, and find a course that may be a new beginning for you!

Certificate programs are offered at many levels to give both beginners and professionals opportunities to improve their expertise and marketability. Details about all of the certificate programs are available at [chicagobotanic.org/school/certificate](http://chicagobotanic.org/school/certificate). Contact Amelia Simmons-Hurt at [certificateprogram@chicagobotanic.org](mailto:certificateprogram@chicagobotanic.org) or (847) 835-8293 for further information.

- **Botanical Arts (ART)**  
Engage your senses, discover hidden talents, and explore a more personal relationship with plants in this studio art program.
- **Garden Design (GDC)**  
Create successful gardens with a solid foundation in plantsmanship and science-based gardening techniques.
- **Midwest Gardening (MGC)**  
Discover practical, learner-friendly training on growing plants, plant propagation, and home garden design and you will become a more successful home gardener.
- **Ornamental Plant Materials (OPC)**  
Avid amateur gardeners and aspiring horticulture professionals alike will learn identification, cultural requirements, and landscape use for more than 500 ornamental plants that are well suited for northeastern Illinois.
- **Professional Gardener Level 1 and 2 (PGL 1 and 2)**  
Hands-on learning can lead to a new career or advancement in the industry, with science-based gardening techniques, plantsmanship, and training in sustainability and planning.
- **Healthcare Garden Design (HGD)**  
In this professional development program, attendees will discover the many ways gardens provide verifiable health benefits for the patients, staff, and visitors.
- **Horticultural Therapy (HTC)**  
This 12-credit-hour accredited program combines online learning with hands-on training, allowing students to gain experience and skills in the use of plant, garden, and nature activities to achieve measurable physical and mental-health outcomes for clients.
- **Focus on Photography (FPC)**  
The Regenstein School recently launched a new certificate program, enabling photographers of all levels to experience the wonders of the natural world, develop and sharpen their powers of observation, and master their technical skills in the studio. This program is your unique opportunity to discover and enhance your creativity, learn from outstanding photography professionals, and enjoy the Garden as your studio. Contact Jill Selinger at [certificateprogram@chicagobotanic.org](mailto:certificateprogram@chicagobotanic.org) or (847) 835-6849 for more information about the photography certificate.

# Professional Development

Professional development opportunities and inspiration are yours here at the Garden. Landscape design, horticulture, and conservation professionals and others are welcome to attend these outstanding programs.

## New! Make Way for Monarchs

### *A Janet Meakin Poor Symposium*

Please join us for a symposium led by members of the Make Way for Monarchs: Alliance for Milkweed and Butterfly Recovery. Members of this group conduct research on monarch butterfly recovery and promote positive science-based actions to avert food web collapse in the milkweed community and the further demise of the monarch migration to Mexico. They aim to promote social engagement in implementing tangible solutions in midwestern landscapes through collaborative conservation. Speakers will include Gary Paul Nabhan, co-author of *Forgotten Pollinators*; Lincoln Brower, a preeminent monarch ecologist; Chip Taylor, director of Monarch Watch; Scott Black, executive director of Xerces Society; and several others.

\$79 with lunch; \$59 without lunch  
Friday, June 6, 9 a.m. – 4:30 p.m.  
Alsodorf Auditorium

## The Planted Landscape, from Concept to Choices

The specific planted choices and selections within a landscape and garden are informed by the site, program, context, and story. This two-day program will outline, define, and communicate applications of planting design within comprehensive site and landscape design. The session will involve classroom discussion along with physical site landscape tours and observations of planted landscapes. The elements of site and client information, site observation, design process, and comprehension within the planted landscape and gardens, are keys to the performance and establishment of landscape and gardens. Lunch is on your own.

Gregory M. Pierceall, professor emeritus,  
Purdue Landscape Architecture  
\$199 nonmember; members receive 20% discount  
Thursday & Friday, June 26 & 27, 9 a.m. – 4 p.m.  
Linnaeus Room

One-stop registration online.  
It's so easy! Register for  
classes, camps, kids'  
programs, yoga, and more!



## BONSAI WORKSHOPS

All bonsai workshops are taught by bonsai artist Ivan Watters. Workshops are held in the Production Headhouse.

### Bonsai: Beginner – Basics and Fundamentals

During this six-week course, discover principles and techniques to appreciate and participate in the art of bonsai. Each session includes a detailed lecture and assistance with design, styling, and wiring.

\$229 nonmember; members receive 20% discount  
6 Sundays, July 6 – August 10, 1 – 4 p.m.  
or  
6 Sundays, August 24 – September 28, 1 – 4 p.m.

### Bonsai: Novice – Development Techniques

Ideal for those with considerable familiarity and experience with the fundamentals of bonsai, each session in this six-week course includes a brief lecture, supervised work on trees, and a review and critique of work undertaken.

\$269 nonmember; members receive 20% discount  
6 Wednesdays, July 9 – August 13, 6:30 – 9:30 p.m.  
or  
6 Wednesdays, August 20 – September 24,  
6:30 – 9:30 p.m.

### Bonsai: Intermediate – Refinement Techniques

Appropriate for those with knowledge of bonsai concepts and experience with the art beyond the novice level, each session in this six-week course includes a brief lecture, supervised work on trees, and a review and critique of work undertaken.

\$287 nonmember; members receive 20% discount  
6 Saturdays, July 12 – August 16, 9 a.m. – noon  
or  
6 Saturdays, August 23 – September 27,  
9 a.m. – noon

### Bonsai: Advanced – Presentation-Quality Efforts

For the student who has completed the beginner, novice, and intermediate courses, this six-week course focuses almost exclusively on supervised work on trees.

\$319 nonmember; members receive 20% discount  
6 Sundays, July 6 – August 10, 9 a.m. – noon  
or  
6 Sundays, August 24 – September 28, 9 a.m. – noon

## WEEKEND GARDENER SERIES

Are you a new homeowner baffled by your landscape? Are you a beginning gardener who wants to learn basic horticultural skills? This series answers gardening questions and introduces techniques for gardening success. Each course investigates a different topic related to your own lawn and garden.

### Get Started With Roses

This is a great course for the first-time rose grower, or a refresher for the enthusiast. General planting, pruning, protection, and care will be discussed, along with examples of low-maintenance rose varieties suitable for the Chicago area. Dress for the weather, as part of the class will be a Garden walk and talk.

Thomas Soulsby, horticulturist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Saturday, May 17, 9:30 – 11:30 a.m.  
Annex 2

### Get Started with Annuals

Annuals can be used in many ways to provide constant color in your flower beds, containers, window boxes, and perennial borders. Learn the most dependable varieties as well as the new and unusual. Topics include soil preparation, plant selection, care and maintenance, and some propagation techniques.

Tim Pollak, outdoor floriculturist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Sunday, June 1, 1 – 3 p.m.  
Linnaeus Room

### New! Gardening for Birds and Butterflies

Join Sheryl DeVore for a discussion on annuals and perennials that will attract birds and butterflies to your garden. Discuss what plant qualities are helpful, the importance of plant location, and other garden elements that can lead to beautiful results. An indoor presentation will be followed by a short walk to view examples of plants discussed in class. Dress for the weather, as part of class will be outdoors.

Sheryl DeVore, author, *Birds of Illinois*,  
and chief editor, *Meadowlark*, journal of the Illinois  
Ornithological Society  
\$37 nonmember; members receive 20% discount  
Saturday, July 12, 9 – 11 a.m.  
Seminar Room, Plant Science Center

### Bonsai Basics

Learn the horticulture of bonsai and the art and philosophy behind it. Discover what bonsai is and the history, fundamental aesthetic elements, and basic styles of this art. Ivan Watters will also touch on tools, wiring, soils, fertilizers, and year-round care. A walk to view part of the Bonsai Collection is included.

Ivan Watters, bonsai artist  
\$37 nonmember; members receive 20% discount  
Saturday, July 19, 1 – 3 p.m.  
Design Studio

## The Basics of Watering

Many garden problems are created with water; too little or too much. Join us to learn proper watering techniques to grow your garden and minimize disease while conserving this precious resource. We will also discuss watering tools, such as irrigation and sprinklers, as well as techniques for assessing your garden's water needs. Dress for the weather, as part of the class will be outdoors.

Jessica Goehler, horticulturist  
\$37 nonmember; members receive 20% discount  
Saturday, July 26, 1 – 3 p.m.  
Annex 2

## Wild World of Weeds

Join us for an exploration of some of the most common weeds of the Midwest! You will learn the basics of weed identification, life cycles, and methods of control. In addition, Tom Soulsby will give you a close-up look at what has been discussed and help you practice identifying weeds.

Thomas Soulsby, horticulturist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Saturday, August 2, 9 – 11 a.m.  
Linnaeus Room

## New! Native Plant Primer

Learn how to identify native plants and grow them in your garden, and discover which nonnative plants threaten a native landscape. An indoor presentation will be followed by a short walk to view native plants growing at the Garden. Dress for the weather, as part of class will be outdoors.

Sheryl DeVore, author, *Birds of Illinois*,  
and chief editor, *Meadowlark*, journal of the Illinois  
Ornithological Society  
\$37 nonmember; members receive 20% discount  
Saturday, August 9, 9 – 11 a.m.  
Linnaeus Room

## Fall Garden Care

Proper garden care in the fall helps ensure healthy plants next spring. Learn techniques for taking care of your lawn, trees, shrubs, and perennials, including fall fertilizing, mulching, cutting back plants, and protecting plants from wind and animals.

Tim Johnson, director of horticulture,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Sunday, August 24, 1 – 3 p.m.  
Linnaeus Room

## Preparing Your Lawn for Fall

If your lawn isn't all you would like it to be, invest some time this fall so you can have a healthy and lush lawn next year. Learn the basics of lawn renovation and how to prepare your lawn for winter, plus learn proper techniques for installing sod, seeding and overseeding, and aerating and fertilizing. Dress for the weather, as part of the class will be outdoors.

Tom Fritz, plant healthcare specialist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Saturday, September 6, 10 a.m. – noon  
Seminar Room, Plant Science Center



## Horticulture

Horticulture courses help students acquire the information and techniques needed to grow ornamental plants and maintain a healthy garden or lawn.

### New! The Vegetable Garden in Summer

Through classroom discussion and outdoor activities, learn about heat-loving vegetables and herbs to grow in your summer garden. Related topics include bed preparation, direct sowing, transplanting, sustainable watering techniques, and more. A range of projects will be demonstrated and practiced, so bring your garden gloves.

Lisa Hilgenberg, horticulturist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Saturday, May 31, 9:30 – 11:30 a.m.  
Fruit & Vegetable Learning Center

### The Thorny Side of Roses

Roses are universally loved, but pests and diseases can temper the excitement of even the most passionate rose enthusiast. Tom Soulsby will review common rose pests and diseases and share with you tips on diagnosis and control. He will also dig deeper into how prevention, proper garden maintenance, and plant selection are the best first steps toward a healthy rose garden that resists pests and diseases before they take control.

Thomas Soulsby, horticulturist,  
Chicago Botanic Garden  
\$37 nonmember; members receive 20% discount  
Tuesday, June 3, 6:30 – 8:30 p.m.  
Plant Science Lab, Regenstein Center

### World Environment Day Climate and Weather Update

The Chicago Botanic Garden celebrates World Environment Day with a keynote presentation featuring WGN-TV's chief meteorologist Tom Skilling and internationally acclaimed climate expert Don Wuebbles in a lively panel discussion on the newest information from climate and weather assessments. We will close the panel session with time for audience questions.

Tom Skilling, chief meteorologist, WGN, and Don Wuebbles, Harry E. Preble professor of atmospheric science, University of Illinois  
\$12 nonmember; members receive 20% discount  
Saturday, June 7, 10:30 a.m. – noon  
Alsodorf Auditorium

### Perennial Garden Care and Maintenance

In this hands-on workshop, you will learn the fundamentals of good gardening techniques. Included will be organic and practical methods used to keep a perennial garden in peak condition. Learn how and when to deadhead, pinch back, stake, weed, fertilize, mulch, and water, and to recognize and minimize some common pests and diseases. Dress for the weather, as part of the class may be outdoors.

Rachel Catlett, horticulturist  
\$59 nonmember; members receive 20% discount  
Tuesday, June 17, 6:30 – 8:30 p.m.  
Fruit & Vegetable Learning Center

### Summer Containers at the Garden

Enjoy a tour featuring the summer containers at the Garden. Then prepare a warm-season mixed container suitable for a sun or partial-shade location. Your container may include annuals, perennials, herbs, and decorative foliage. Please bring gloves.

Nancy Clifton, program specialist,  
Chicago Botanic Garden  
\$87 nonmember; members receive 20% discount  
Wednesday, June 18, 10 a.m. – noon  
or 6:30 – 8:30 p.m.  
Annex 1

### New! The Front Yard Forager Workshop

Learn to take control of your food by entering into the fun and delicious world of urban foraging. Did you know that roughly 9 out of 10 weeds in your yard and garden can be made into delicious meals? And most yard and garden weeds pack a much greater nutritional punch than store-bought vegetables or even the veggies grown in your own garden! This workshop makes foraging easy, accessible, and fun for everyone, even in the middle of the city or suburbia. Class will consist primarily of an outdoor field walk-and-talk.

Melany Vorass Herrera, environmentalist, author, and forager, Seattle, Washington  
\$37 nonmember; members receive 20% discount  
Friday, June 20, 6 – 8 p.m.  
Meet at Seminar Room, Plant Science Center

### New! Culinary Herb Container Garden

Looking to freshen up your favorite dishes for summer? Create a container garden for fresh herbs any time you need them. Learn the basics of herb care and usage while potting up a selection of culinary herbs and other edibles to add a taste of summer to your dinner table.

Jill Selinger, manager, adult education,  
Chicago Botanic Garden  
\$59 nonmember; members receive 20% discount  
Thursday, June 26, 10:30 a.m. – noon  
Annex 2

### Succulent Wreath

Create a living wreath of succulent plants for your home or outdoors. You will fill a wire wreath frame with moss that is completed with succulent cuttings that root in the wreath. This will be a small but full wreath that can be used as a tabletop arrangement or as an outdoor decoration for a door or fence and will last for years, given proper care. Please bring a box to take home your completed wreath. All other materials are included in the fee.

Michelle Maestre, container gardener  
\$99 nonmember; members receive 20% discount  
Tuesday, July 1, 6:30 – 8:30 p.m.  
Annex 2

### Hands-on Gardening: Summer Pruning

Today's pruning of your trees and shrubs will define how they grow for years to come. Learn which cuts to avoid, which cuts are essential, and which cuts are a matter of your personal style. Class size is limited.

Sean Regan, grounds foreman,  
Chicago Botanic Garden  
\$49 nonmember; members receive 20% discount  
Saturday, July 19, 8 – 10 a.m.  
Annex 1

### Bucktown Fiesta in Rick Bayless's Garden and Restaurant

Be part of an unforgettable, behind-the-scenes experience. We'll start the morning by touring chef and host of the PBS television show *Mexico: One Plate at a Time* Rick Bayless's private organic garden with his professional gardener, Bill Shores. This 800-square-foot production garden not only supplies fresh herbs and vegetables to their restaurants but also serves as the set for many of the episodes filmed. Afterward, add some spice to the day by dining in Frontera Grill's private party room. Lunch will be a deliciously comprehensive spread of Mexican food created with gourmet herbs and organic vegetables, including appetizers, entrees, and desserts. Transportation is provided.

Bill Shores, professional gardener  
\$199 nonmember; members receive 20% discount  
Wednesday, July 30, 9:30 a.m. – 3 p.m.  
Meet at Visitor Center

### Hands-on Gardening: Mulching and Edging

Improper mulching can do far more harm to plants than not mulching at all. Learn how much mulch is enough, where to spread it, and the best material to use, as well as how to edge your garden for a professional look.

Sean Regan, grounds foreman,  
Chicago Botanic Garden

\$49 nonmember; members receive 20% discount  
Saturday, August 9, 8 – 10 a.m.  
Annex 1

### Aquatics for Ponds and Containers

As you stroll through the Garden with Barb Raue, you will learn to identify various aquatic plants and hear about their culture and care. Details will include height, planting depth, hardiness, fertilization, grooming, and overwintering of these aquatics. Raue will also cover general information about creating a balanced pond as well as creating an aquatic container garden. Class will run rain or shine.

Barb Raue, nursery supervisor,  
Chicago Botanic Garden

\$27 nonmember; members receive 20% discount  
Saturday, August 23, 9 – 10:30 a.m.  
Meet at Visitor Center

### New! The Vegetable Garden in Autumn

Discuss and practice how to get the most out of the growing season by adding cool-season vegetables to your fall garden. Learn about variety selection, bed preparation, mulching, and extending the season. A range of projects will be demonstrated and practiced, so bring your garden gloves.

Lisa Hilgenberg, horticulturist,  
Chicago, Botanic Garden

\$37 nonmember; members receive 20% discount  
Saturday, September 6, 9:30 – 11:30 a.m.  
Fruit & Vegetable Learning Center

### Autumn Containers at the Garden

Take a Garden walk to view the Garden's fall containers. Then create a cool-season mixed container with a variety of plants suitable for a full-sun or partial-shade location. Your container may include annuals, perennials, herbs, decorative foliage, cool-season vegetables, ornamental grasses, a decorative vine, and gourds. Please bring gloves.

Nancy Clifton, program specialist,  
Chicago Botanic Garden

\$87 nonmember; members receive 20% discount  
Wednesday, September 10, 10 a.m. – noon  
or 6:30 – 8:30 p.m.  
Annex 1

### Winter Containers at the Garden

Explore the winter containers at the Garden and learn ways to extend your own containers into the winter season. Then prepare a container with fresh-cut evergreen boughs and berried or brightly colored branches. Please bring gloves and pruners.

Nancy Clifton, program specialist,  
Chicago Botanic Garden

\$87 nonmember; members receive 20% discount  
Wednesday, December 3, 10 a.m. – noon  
or 6:30 – 8:30 p.m.  
Annex 1

### BREWING NATURE'S BEST

#### New! Tea 101: Getting to Know Tea

In this course, you'll learn the basics of the second most consumed beverage on earth after water—tea. We'll cover how tea is grown and harvested and how the leaves are processed into the many styles of tea on the market today. You'll then get a chance to try each of the six types of tea. Tony Gebely has been studying tea for more than ten years, has traveled to tea growing regions, and has been teaching tea in the Chicago region for many years.

Tony Gebely, tea expert and author  
\$45 nonmember; members receive 20% discount  
Saturday, September 13, 1 – 3:30 p.m.  
Design Studio

#### New! Coffee 101: Coffee Basics & Sustainable Production

Do you drink coffee? Have you ever wondered where it came from and how it was produced? This two-hour class examines coffee as a social beverage and global commodity, including discussions of cultivation, supply chains and markets, including the chance to sample coffees from various coffee-producing regions. Special attention will be given to understanding organic, Fair Trade, and sustainable coffees, and exploring the environmental, cultural, and economic characteristics of coffee production.

Patrick Eccles, assistant director,  
Center for Global Engagement, Northwestern University  
\$45 nonmember; members receive 20% discount  
Saturday, September 20, 1 – 3 p.m.  
Lakeside Room, Visitor Center

Visit [chicagobotanic.org/school/faculty](http://chicagobotanic.org/school/faculty) for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.

*Chef Rick Bayless's urban vegetable garden*



## HORTICULTURE CERTIFICATE OF MERIT PROGRAM

### Certificate Programs Information Session

FREE Information Session

Curious about our certificate programs? Want to learn how our programs can help you fulfill a dream, start a new career, or simply enjoy a new interest? Bring your questions to this free session. This session will be covering Midwest Gardener, Ornamental Plant Materials, Professional Gardener, and Garden Design programs. First-time students attending this session will receive \$20 off their first Certificate core course (restrictions apply). Please register in advance to save your space.

Wednesday, June 25, 7 – 8 p.m.  
Linnaeus Room

### Lilacs

*OPC elective*

Learn more about the genus *Syringa*. The species ranges from small shrubs to medium-sized trees. The beautiful flowers are generally fragrant and plants are hardy and easy to grow. Lilacs are tolerant of a wide range of soil types including alkaline soils. A walk around the Garden to view lilacs in bloom is included. The School's CEUs=0.2

Mark Zampardo, Ph.D., horticulture educator,  
Chicago Botanic Garden  
\$62 nonmember; members receive 20% discount  
Tuesday, May 20, 6:30 – 8:30 p.m.  
Lakeside Room, Visitor Center

### Growing Fruit Trees and Berries

*MGC requirement*

Discover new as well as traditional fruit trees and berries suited for the Midwest. Learn techniques and tips to produce a bountiful harvest, whether your garden is large or small. Choice of varieties, site selection, soil preparation, and planting will be discussed. Explore ways to integrate the beauty of fruit trees and berries into any garden area.

Ellen Phillips, horticulture educator  
\$224 nonmember; members receive 20% discount  
6 Thursdays, May 29 – July 10, 6:30 – 9 p.m.  
(no class July 3)  
Annex 2  
and  
Saturday, June 28, (off-site), 1 – 4 p.m.



Beautiful, hardy, fragrant lilacs are easy to grow.

### Organic Pest and Disease Control

*OPC elective*

Are you looking for an environmentally friendly and sustainable way to treat pest and disease challenges in your garden? Come learn about handling common pest and disease issues that you may encounter in your ornamental plantings and vegetable garden. You will come away with possible new ways to observe and identify what might be "bugging" your landscape and corrective steps that you can take to minimize or eliminate the issues. The School's CEUs=0.25

Lynn Bement, The Organic Garden Coach  
\$62 nonmember; members receive 20% discount  
Wednesday, June 4, 6:30 – 9 p.m.  
Lakeside Room, Visitor Center

### Healthy Gardens

*OPC elective*

Would you like to create a landscape that is more resistant to insect and disease challenges? Come learn how to build up your soil organically. Regardless of whether you are starting from scratch with new construction or working with an older, existing landscape, come explore a guaranteed approach to building your soils in a healthy, environmental friendly and sustainable way! The School's CEUs=0.25

Lynn Bement, The Organic Garden Coach  
\$62 nonmember; members receive 20% discount  
Wednesday, June 11, 6:30 – 9 p.m.  
Lakeside Room, Visitor Center

### Gardening Techniques: Session D

*PGL 1, PGL 2, GDC requirement*

Discover professional gardening through a combination of lecture and hands-on learning activities. Focus on acquiring solid gardening skills, learn about a variety of techniques, and develop the ability to determine best practices. Maintenance of annual plantings, watering, and fertilization techniques will be covered. Due to the compact nature of this course, students are only allowed one excused absence if they wish to complete for a grade.

Lynette Rodriguez, owner and horticulturist,  
A Finer Touch  
\$312 nonmember; members receive 20% discount  
6 Saturdays, June 21 – August 2, 7:30 – 10:30 a.m.  
(no class July 5)  
Annex 2

### Ground Covers and Vines

*OPC, PGL 1, PGL 2, GDC requirement*

Learn more about the fascinating world of climbers, trailers, and spreaders. This course will focus on identification techniques, ornamental qualities, and cultural traits of nearly 60 ground covers and vines. Plants studied will include the common English ivy and vinca as well as lesser-known cultivars of clematis and coral bells. Prerequisite: Botany 1.

William Moss, horticulture educator  
\$287 nonmember; members receive 20% discount  
7 Tuesdays July 8 – August 19, 6:30 – 8:30 p.m.  
Alsford Auditorium

Garden Walks (select one)  
6 Thursdays, July 10 – August 14, 9 – 11 a.m.  
or  
6 Saturdays, July 12 – August 16, 9 – 11 a.m.  
Optional Study CD \$20

## Plant Health 2

*PGL 2, GDC requirement*

Plant Health 2 will build upon Plant Health 1. There will be a series of in-depth pest walks in the field (insects, diseases, weeds, and animals). These walks focus on common landscape pests, monitoring techniques, pest identification, and management techniques. Other class topics include site assessment, soil testing, fertilization, and understanding pesticides. Students will have the opportunity to design a basic plant healthcare program. Prerequisites: Botany 1, Plant Health 1, and Botany 2. Limited enrollment.

Tom Tiddens, plant health care supervisor and certified arborist, Chicago Botanic Garden; Kathie Hayden, manager, plant information service, Chicago Botanic Garden; and Peg Busard, plant information horticultural specialist, Chicago Botanic Garden  
\$337 nonmember; members receive 20% discount  
6 Mondays & 6 Thursdays, July 21 – August 28, 6 – 8 p.m.

Plant Science Lab, Regenstein Center

## Soil Basics, Intensive Session

*MGC, PGL 1, PGL 2, and GDC requirement*

Soil is an irreplaceable natural resource that affects plant selection and growth. Learn to maintain healthy soil; use compost, fertilizers, soilless and potting mixes, and other amendments. Discover how water cycles through a garden and affects soils and plants. Begin to appreciate the circle of life within our soils.

Ellen Phillips, horticulture educator  
\$337 nonmember; members receive 20% discount  
3 Saturdays, September 6, 13, & 27, 9 a.m. – 4 p.m.  
(no class September 20)  
Annex 2

## Botany 1

*OPC, MGC, PGL 1, PGL 2, and GDC requirement*

Why, botanically speaking is a tomato a fruit? What is the difference between a fern and a moss? Come join us in Botany 1 to learn the answers to these questions and more! In this course we will explore subjects such as the importance of plants to our lives; plant taxonomy and classification; and the life cycles, distinguishing features, diversity, and identification of major groups of plants.

TBD  
\$337 nonmember; members receive 20% discount  
6 Mondays & 6 Wednesdays, September 8 – October 20, 2:30 – 4:30 p.m.  
(no class September 24)  
or  
6 Mondays & 6 Wednesdays, September 8 – October 20, 6:30 – 8:30 p.m.  
(no class September 24)  
Plant Science Lab, Regenstein Center

## Deciduous Trees

*OPC, PGL 1, PGL 2, and GDC requirement*

Learn to identify more than 50 large deciduous trees, gain a greater understanding of the multitude of functions they serve in gardens and the landscape, and discover the wonders they offer year-round. Develop your ability to identify trees using their buds, bark, and habit, in addition to leaf shape and other characteristics. Prerequisite: Botany 1 (courses can be taken concurrently).

Mark Zampardo, Ph.D., horticulture educator, Chicago Botanic Garden  
\$287 nonmember; members receive 20% discount  
7 Tuesdays, September 9 – November 4, 6:30 – 8:30 p.m.  
(no class September 23 & 30)  
Alsord Auditorium

Garden Walks (select one)  
6 Thursdays, September 11 – October 30, 9 – 11 a.m.  
(no class September 25 & October 2)  
or  
6 Saturdays, September 13 – November 1, 9 – 11 a.m.  
(no class September 27 & October 4)  
Optional Study CD \$20

## Dwarf Conifers

*OPC elective*

Dwarf conifers are excellent additions to any garden, particularly for adding four-season interest. Broaden your plant knowledge and design palette with this illustrated lecture and Garden tour. Learn to identify and use dwarf conifers for big impact. The School's CEUs=0.3

Mark Zampardo, Ph.D., horticulture educator, Chicago Botanic Garden  
\$74 nonmember; members receive 20% discount  
Wednesday, September 24, 9 a.m. – noon  
Lakeside Room, Visitor Center

## Botany 2

*PGL 2 and GDC requirement*

How do seeds germinate and develop into mature plants? How do plants move water up through their roots to their topmost branches? This course will explore such subjects as the plant cell, anatomy and growth of roots, stems, and leaves, photosynthesis, and the symbiotic association of plant roots with beneficial fungi and bacteria. Prerequisite: Botany 1.

TBD  
\$337 nonmember; members receive 20% discount  
6 Mondays & 6 Wednesdays,  
October 27 – December 3, 6:30 – 8:30 p.m.  
(no class November 26)  
Plant Science Lab, Regenstein Center

*Learn how insects affect your plants in Plant Health 2.*



## Nature Studies

The Chicago region contains a wide range of plants and animals living in different types of natural communities, from woodlands to wetlands, from prairies to savannas.

### Spring Bird Walk

Join bird expert Alan Anderson to explore the best spots in the Garden for locating late-winter bird residents and the early migrants of spring. Each walk is approximately one to two hours long. Dress for the weather, and bring binoculars and a field guide, if you have one.

Alan Anderson, research committee chairman, Chicago Audubon Society  
\$19 nonmember; members receive 20% discount  
Saturday, May 24, 7:30 – 9 a.m.  
Meet at Visitor Center

### Landscapes for Nature and Wildlife

Learn to attract wildlife with design ideas and plants selected for use as food, shelter, and water for birds, butterflies, and small mammals. Discussion will include specific plants that may be introduced into a traditional landscape to attract and support wildlife in your garden. A Garden walk will be included, so please dress for the weather.

John Raffetto, horticulture educator  
\$37 nonmember; members receive 20% discount  
Thursday, May 29, 1 – 3 p.m.  
Annex 2

### New! Make Way for Monarchs

*A Janet Meakin Poor Symposium*

Friday, June 6, 9 a.m. – 4:30 p.m.  
See page 44 for details.

### Bird Walk: Summer Nesting Birds

Join us as we look for and study the nesting birds of the Garden. We'll spend time learning to identify the nesting birds' territorial songs, and look for evidence of nesting. Learn how to perform a nesting bird survey, and discover the wide variety of birds nesting in the Chicago area.

Alan Anderson, board member, Chicago Audubon Society  
\$19 nonmember; members receive 20% discount  
Saturday, June 7, 7:30 – 9 a.m.  
Meet at Visitor Center

Classes are subject to change.  
For the most current listings visit  
[chicagobotanic.org/school](http://chicagobotanic.org/school).

### The Native Oaks

The mighty oaks have been a signature species in Midwest landscapes for thousands of years. This class covers the different species and varieties within their respective ecosystems along with their landscape usage and culture. Oak morphology and physiology of the various species will be covered along with basic identification of the varieties.

John Raffetto, horticulture educator  
\$37 nonmember; members receive 20% discount  
Tuesday, June 10, 1 – 3 p.m.  
Lakeside Room, Visitor Center

### Father's Day Canoe Adventure

How's this for a unique way to spend part of Father's Day? In partnership with Friends of the Chicago River, the Garden invites you to participate in a rare opportunity to canoe the lakes of the Chicago Botanic Garden. Herons, ducks, small fish, and maybe even a few turtles and frogs will greet you as we explore their watery habitat. No experience with canoeing is necessary; instruction, canoes, life jackets, and paddles are all provided. Please choose one of the start times that are scheduled. You'll enjoy a full hour canoeing the lakes of Chicago Botanic Garden. Be sure to register early, as this event always sells out!

Saturday, June 14, 9 a.m., 11 a.m., or 1 p.m.  
or

Sunday, June 15, 9 a.m., 11 a.m., or 1 p.m.  
\$57 per person; members receive 20% discount  
Children must be at least 5 years old to participate.  
Maximum three participants per boat.  
Additional details upon registration.

### Recognizing Sedges in the Field

*OPC elective*

Many of the grass-like plants you encounter in native habitats in the Chicago region and elsewhere are not actually grasses. Although similar looking, they are members of an entirely different family of plants. In this course you will study *Carex*, the largest and most diverse genus of the sedge family. Learn about the taxonomy, structure, and ecology of this challenging group. This advanced course is for students who have already completed Botany I or are familiar with the use of taxonomic keys. Students must have a 10X loop, hand lens, and small millimeter ruler. Be prepared for walking in the woods; wear long sleeves and long pants, and bring insect repellent and sunscreen. You may wish to purchase a copy of *Field Guide to Wisconsin Sedges* by Andrew Hipp. Please bring a sack lunch. The School's CEUS=0.6

Jim Steffen, ecologist, Chicago Botanic Garden  
\$124 nonmember; members receive 20% discount  
Saturday, June 21, 9 a.m. – 4 p.m.  
Annex 1

Find beautiful birds on  
the Spring Bird Walk.

### New! Moths as Pollinators

Moths, the lesser-loved Lepidoptera, play an important role in our environment as pollinators and as a food source. Attracting moths to your yard with the right plant selection and yard decor can be a benefit to you as a horticulturist, entomologist, and ornithologist. An added bonus is that moths have a subtle, yet stunning beauty full of intricate patterns, soft color palettes, and fuzzy bodies. Moths are also much easier to approach, and therefore identify, than their fast-flying cousins, butterflies. Join us to learn how to attract, identify, and appreciate moths in our local area. After class we will be viewing a brand new exhibition in Joutras gallery entitled *The Hidden Beauty of Moths*.

Courtney Quigley, horticulturist & exhibition manager, Chicago Botanic Garden  
\$27 nonmember; members receive 20% discount  
Wednesday, July 9, 1 – 2:30 p.m.  
Plant Science Lab, Regenstein Center

### Bird Walk: Fall Migration

Take a walk in the Garden and learn to identify birds in their sometimes-confusing fall plumage. Earlier bird walks will highlight warblers, vireos, and flycatchers, while later ones will feature ducks, sparrows, and hawks. Dress for the weather and bring binoculars and a field guide if you have them.

Alan Anderson, research committee chairman, Chicago Audubon Society  
\$19, nonmember; members receive 20% discount  
Saturday, September 6, 7:30 – 9 a.m.  
Meet at Visitor Center

### Native Seed-Collecting Workshop

Learn the essentials of successfully and ethically collecting native seed. This full-day workshop will cover collection techniques, appropriate times for collecting different species, and seed storage. Seed treatment, methods for overcoming dormancy, and production of transplants will be discussed. Dress for the weather, as a portion of the workshop is outdoors. Please bring a sack lunch.

Jim Steffen, ecologist, Chicago Botanic Garden  
\$74 nonmember; members receive 20% discount  
Saturday, September 20, 9 a.m. – 2 p.m.  
Seminar Room, Plant Science Center



## Garden Design

With a variety of courses ranging from site analysis and construction to garden art and history, students learn the principles of garden design and how design relates to the environment.

### The American Cottage Garden

Exuberant gardens overflowing with old-fashioned flowers—that is the vision that comes to mind when we think of cottage gardens. Shrub roses, foxgloves, poppies, forget-me-nots, hollyhocks, vegetables, and herbs all have a place in this one-of-a-kind garden. Discover bed and border designs and plant combinations that can help you get the look of an English cottage garden.

Nina Koziol, garden writer  
\$37 nonmember; members receive 20% discount  
Saturday, June 7, 1 – 3 p.m.  
Linnaeus Room

### New! A Day in the Shade

Full-day seminar on design and plants for shade

The problem with a maturing home landscape is that all of those gorgeous trees you have been nurturing to their magnificent adult size are now diminishing your full-sun perennial beds! Don't despair; shade gardening is more than hostas and astilbes. Shade opens up entirely different garden uses and sensations that balance out the sun-inspired areas. In the morning, we will address the most critical factors you need to know before starting or to correct current problems. Let Ed Lyon "enlighten" you and make the process easy, understandable, and successful as we tackle the different types of shade gardens, cultural requirements, design elements, and maintenance considerations. In the afternoon, we delve into the fun of plant materials. This presentation includes new plants and upcoming releases, including both perennials and "woodies." Come learn why shade gardening is becoming a hot topic! Lunch is on your own.

Ed Lyon, director, Allen Centennial Gardens,  
University of Wisconsin-Madison  
\$99 nonmember; members receive 20% discount  
Saturday, August 23, 9 a.m. – 3 p.m.  
Linnaeus Room



Explore plant combinations and border designs in the American Cottage Garden.

### WEEKEND DESIGNER SERIES

If you have always wanted to improve the design of your home landscape, or if you are a new homeowner wondering where to start, this series is a great way to introduce yourself to the basic principles of landscape design. This lecture series, created for novice designers, will take you from basic design theories to site-planning techniques and finally to techniques for implementing a design plan. Please note the refund policy for the series.

Register for all five sessions at once and save ten percent.

#### Introduction to Design Principles

This workshop introduces and reviews the landscape design process of site analysis, conceptual design, and evaluations, based on such landscape-design principles as balance, symmetry, proportion, scale, and unity. Looking at plant combinations and landscape features, you will learn about color, texture, line, form, and methods of creating garden spaces.

Valerie Gerdes Lemme, landscape architect, ASLA  
\$37 nonmember; members receive 20% discount  
Tuesday, June 10, 7 – 9 p.m.  
Lakeside Room, Visitor Center

#### Foundation Planting Design

Do you live in an older home with an outdated foundation planting of overgrown evergreens? Or in a newer home that needs help creating an identity and style? Whether old or new, many homes have foundation plantings that need revamping. Learn the principles of good foundation design and view examples of plants that may work well, reduce maintenance, and provide multi-seasonal interest. Good design will improve the curb appeal of your home, increasing its value.

Valerie Gerdes Lemme, landscape architect, ASLA  
\$37 nonmember; members receive 20% discount  
Tuesday, June 17, 7 – 9 p.m.  
Lakeside Room, Visitor Center

### Backyard Design

Learn how to create an enjoyable backyard space that is both functional and exciting. This course will focus on the design and development of functional and attractive spaces, including dining and entertaining areas (such as decks and patios), children's play spaces, and outdoor storage and utility areas. Learn how to screen and focus views and create a sense of enclosure for areas where you desire a private space for comfort and security.

Jeffrey True, vice president of operations,  
Hursthouse, Inc.  
\$37 nonmember; members receive 20% discount  
Tuesday, June 24, 7 – 9 p.m.  
Linnaeus Room

### Front Yard Design

This course will teach you the basics of front yard landscape design. A lecture and slides will demonstrate how proper planting design can change the way you use and view your property. Your front yard design should respond to your home's architecture as well as be aesthetically pleasing. Topics will include proper plant types and spacing, focusing and screening views, and creating curb appeal.

Jeffrey True, vice president of operations,  
Hursthouse, Inc.  
\$37 nonmember; members receive 20% discount  
Tuesday, July 1, 7 – 9 p.m.  
Linnaeus Room

### From the Drawing Board to the Border

How do you take your plans from the drawing board and create the garden without being overwhelmed by the amount of work and money? Learn how to develop a shopping list and timeline to phase the work over several seasons. You'll also receive some useful tips on budgeting, purchasing plants, and working with landscape professionals.

Valerie Gerdes Lemme, landscape architect, ASLA  
\$37 nonmember; members receive 20% discount  
Tuesday, July 8, 7 – 9 p.m.  
Linnaeus Room

## GARDEN DESIGN CERTIFICATE OF MERIT PROGRAM

### Certificate Programs Information Session

Free Information Session

Curious about our certificate programs? Want to learn how our programs can help you fulfill a dream, start a new career, or simply enjoy a new interest? Bring your questions to this free session. This session will be covering Midwest Gardener, Ornamental Plant Materials, Professional Gardener, and Garden Design programs. First-time students attending this session will receive \$20 off their first Certificate core course (restrictions apply). Please register in advance to save your space.

Wednesday, June 25, 7 – 8 p.m.  
Linnaeus Room

### Hardscape Basics

PGL 2 and GDC requirement

Apply knowledge and skills toward a working understanding of hardscape elements as they relate to garden design. Discussions and projects will focus on basic elements of hardscape structures, including paving, landscape lighting, garden walls and structures, and their application to landscapes. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design.

Paul Laiblin, project manager and senior estimator, Scott Byron and Co.  
\$337 nonmember; members receive 20% discount  
10 Thursdays, May 22 – July 31, 6:30 – 9 p.m.  
(no class July 3)  
Design Studio  
and  
Saturday, June 14 (off-site), 1 – 4 p.m.

### Introduction to Grading and Drainage

PGL 2 and GDC requirement

Apply knowledge and skills toward a working understanding of basic grading and drainage concepts as they relate to design. Discussions and projects will include basic earth forms and drainage patterns in residential landscapes. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design.

Tony Wasemann, ASLA, senior landscape designer, Scott Byron & Co.  
\$337 nonmember; members receive 20% discount  
8 Wednesdays, June 11 – July 30, 6:30 – 9 p.m.  
Design Studio  
and  
2 Saturdays, July 12 & 19, 11 a.m. – 2 p.m.  
Plant Science Lab, Regenstein Center

### New! Garden History Detective

GDC elective

Join garden historian and author Cathy Jean Maloney in a pursuit of clues to historic landscapes. Maloney will present a survey of historic landscapes, focusing on the Chicago area. Then the class will look at neighborhood landscapes. Want to create a period landscape for your home? Bring pictures and let's discuss. Have a "mystery" landscape you want to know about? We'll use the six garden history clues to uncover the landscape heritage. Recommended reading: *Chicago Gardens: The Early History* by Cathy Jean Maloney. The School's CEUs= 0.3

Cathy Maloney, garden historian and author  
\$74 nonmember; members receive 20% discount  
Saturday, June 14, 9 a.m. – noon  
Linnaeus Room

### The Art of Graphics

GDC elective

This workshop serves to complement the required Graphics course in the Garden Design Certificate. Continuing to build upon skills, this workshop will present additional techniques used for rendering design plans as well as landscape elevations and perspectives. Media such as pastels and watercolors will be explored to further broaden the design palette. Prerequisite: Graphics or commensurate experience. The School's CEUs= 1.0

Timothy Lally, ASLA, RLA, principal Timothy Lally Design  
\$149 nonmember; members receive 20% discount  
4 Mondays, July 7 – 28; 6:30 – 9 p.m.  
Lakeside Room, Visitor Center

### New! Sketching for Garden Designers

GDC elective

Sketching is a quick way for designers to record ideas and a great way to present landscape concepts to clients. Join Tim Lally for *plein air* landscape sketching in the gardens. The focus of the workshop is three-dimensional sketches using various mediums, in both black-and-white and color. Design students will be encouraged to experiment with different mediums and techniques to develop their own unique style. This workshop will be a fun and enjoyable way to start or add to your sketchbook. The School's CEUs= 0.75

Timothy Lally, ASLA, RLA, principal Timothy Lally Design  
\$119 nonmember; members receive 20% discount  
3 Thursdays, August 7 – 21, 6:30 – 9 p.m.  
Design Studio

### Garden Design Studio

GDC requirement

In this advanced study of garden design theory and methods, students will utilize their skills in design process, design language, graphics, research, and analysis as well as legal and regulatory responsibilities for estimating cost for site design. The coursework develops critical and analytical skills through the interaction between students and instructor-mentors. Prerequisites: Graphics, Introduction to Professional Practice, Principles of Garden Design, Planting Design, Hardscape Basics, and Garden Design Implementation.

Sean Kelley, owner, Reveal Design LLC  
\$337 nonmember; members receive 20% discount  
8 Wednesdays, September 10 – November 5,  
6:30 – 9 p.m.  
(no class September 24)  
Lakeside Room, Visitor Center  
and  
2 Saturdays, September 20 (off-site) &  
October 18 (Plant Science Lab, Regenstein Center),  
11 a.m. – 2 p.m.

### Planting Design

GDC requirement

Apply knowledge and skills developed in previous design courses toward a working understanding of planting design. Weekly discussions and individual projects will focus on basic elements of planting design, including an understanding of color and texture, plant combinations, planting bed layout, installation techniques, and maintenance practices. Prerequisites: Four OPC core courses, Graphics, Introduction to Professional Practice, Principles of Garden Design, and Hardscape Basics.

Julie Sajtar, CA, ISA, head of GROW Design Department, GROW Residential Landscapes  
\$337 nonmember; members receive 20% discount  
9 Wednesdays, September 10 – November 12,  
6:30 – 9 p.m.  
(no class September 24)  
Design Studio  
and  
2 Saturdays, October 11 & November 1,  
11 a.m. – 2 p.m.  
Linnaeus Room

### Basic Landscaping Principles

MGC requirement

Gain an understanding of landscape design fundamentals and principles to improve your own garden's look, feel, and function. We will discuss and demonstrate scale, balance, symmetry, circulation and views, and plant design. This hands-on approach to landscape design will enable you to create spaces and garden beds within a home environment.

Paul Laiblin, project manager and senior estimator, Scott Byron and Co.  
\$187 nonmember; members receive 20% discount  
6 Tuesdays, September 16 – October 21, 6:30 – 9 p.m.  
Lakeside Room, Visitor Center

# Botanical Arts and Humanities

Throughout history, plants and images of plants have been woven into the arts—painting, literature, and photography. The beauty of botanical arts courses is that they encompass a wide variety of topics, from photography to calligraphy, botanical illustration to papermaking. In introductory and higher-level courses, students have the opportunity to express their creative flair while sharing time with others in an enjoyable setting.

## Rejuvenated Jewelry

Inspired by the little treasures you save and love, we will cleverly combine old and new elements to create spectacular jewelry. Bring your special and sentimental keepsakes, single earrings, buttons, charms, chains, family photos, and found objects and let Bonnie Arkin inspire your creativity. We can create wonderful new designs from vintage treasures. You will learn to solder, wire wrap, and string. Arkin has many examples to share and resources for treasure hunting. A supply list will be sent.

Bonnie Arkin, artist and designer  
 \$149 nonmember; members receive 20% discount  
 6 Thursdays, May 22 – June 26, 7 – 9 p.m.  
 Annex 1

## Adventure, Travel, Plein Air Painting!

### Full-day Watercolor Workshop

Have you found yourself in some breathtaking location, clicking your camera, while thinking to yourself, “I should be painting this right now”? This class will build your confidence to capture the magical beauty of the great outdoors through *plein-air* painting. Whether you are a highly accomplished painter or just beginning, you will get helpful advice on technique, composition, and equipment. David Dallison will share his specific color palette and methods for building up a painting through composition, tone, color, and layering. In addition, you will learn how to develop a lightweight, portable system that will allow you to paint anywhere, anytime. Lunch is on your own.

David Dallison, professional artist  
 \$99 nonmember; members receive 20% discount  
 Tuesday, June 3, 9 a.m. – 4 p.m.  
 Meet at Visitor Center

## New! Plein Air Landscape Painting in Oils

Mornings are ideal for spending enjoyable time in the beautiful gardens, creating memorable artistic images. This course will focus on technical aspects of artistic understanding and skills, as well as an emphasis on the value of direct contact with garden nature for the personal, expressive, art experience. Working out of doors can require extra effort, comfort, and materials. The first two meetings will cover art materials, skills, extra needs for working in the field, and expectations. A supply list will be sent.

Jason Miklik, M.F.A., artist and educator  
 \$312 nonmember; members receive 20% discount  
 8 Thursdays, June 12 – July 31, 9 a.m. – noon  
 Annex 2

## New! Fanciful Garden-Inspired Art

A garden visit not only evokes a deep sense of beauty, it also imparts feelings of inspiration, fun, and whimsy. Historically, garden-inspired whimsy is included in art, design, story illustration, animation, calligraphy, fashion, cartoons, poetry, etc. In this course we explore our own fanciful garden-inspired imagery in artistic ways, in whatever art medium suits your unique expression. The course is open to all levels of imagination and skill. The first meeting is introductory and inspiring. Bring a sketch/idea book and join the fun.

Jason Miklik, M.F.A., artist and educator  
 \$312 nonmember; members receive 20% discount  
 6 Tuesdays, June 17 – July 22, 9 a.m. – noon  
 Design Studio

## Calligraphy and Floral Decoration

Learn the art of beautiful writing and the flourishes of botanical illustration: it's a match made in heaven! Beginners, start with the basics of calligraphy and floral decoration for invitations and cards. More experienced students, polish your skills and complete a project. A supply list will be sent.

Judith Joseph, artist and educator  
 \$299 nonmember; members receive 20% discount  
 6 Tuesdays, June 17 – July 29, 12:30 – 3:30 p.m.  
 (no class July 8)  
 Design Studio

## Watercolor 2

For students who have completed Beginning Watercolor, we will continue to learn various techniques and color theory while exploring different ways to combine light, composition, color, and textures in watercolor painting. A supply list will be sent.

Patsy Welch, artist and educator  
 \$237 nonmember; members receive 20% discount  
 6 Wednesdays, June 18 – July 23, 1 – 3:30 p.m.  
 Design Studio

## FIBER ARTS WORKSHOPS

Come learn while hearing stories of a knitter, shepherd, and small business owner! Natasha Lehrer, of Esther's Place Fiber Arts Studio in Big Rock, Illinois, will share her love of fiber arts and inspire you to create!

Register for both sessions at once and receive a ten percent discount.



## New! Silken Luminaries

Paint a silk canvas with dyes and your fingertips and then transform a simple glass vessel into a dazzling display of playful light, colorful shadows, and silken

ambience. This class is a fun way to introduce yourself to dyeing! Set this out on your summer patio table to enjoy the garden and soft candlelight.

\$62 nonmember; members receive 20% discount  
 Tuesday, June 24, 9 a.m. – noon  
 Linnaeus Room



## New! Needle Felted Gnome

Every garden lover needs a gnome to keep watch over their yard! This fellow promises to be up the task with a cheerful face, scruffy beard, and tall hat. Learn to sculpt wonderfully detailed faces with needle felting too.

\$49 nonmember; members receive 20% discount  
 Tuesday, June 24, 1 – 4 p.m.  
 Linnaeus Room

## Mosaic Workshop

Discover the joy and beauty of mosaic art in the pique assiette tradition. Pique assiette, or “broken plates,” incorporates a wonderful blending of color, form, and texture. This mosaic folk art can be found in many cultures and is popular today as a way to recycle a favorite piece of china or broken heirloom. Work under the guidance of Bonnie Arkin to complete a unique mosaic from shards of china, ceramic, or glass. A supply list is given at the first class, but you can start collecting dishes now!

Bonnie Arkin, artist and designer  
 \$149 nonmember; members receive 20% discount  
 6 Tuesdays, July 1 – August 5, 7 – 9 p.m.  
 Annex 1

### Garden Mosaic Tile Stepping Stone

In this one-day workshop, create a one-of-a-kind mosaic and ceramic tile stepping stone with handmade tiles of butterflies, leaves, and insects by artist Janet Austin. Mosaic techniques of design, adhesion, cutting, and grouting are covered in making this durable outdoor gem for your garden path. Ready to take home at the end of the day! Please bring a sack lunch or plan to visit the café during the lunch break.

Janet Austin, artist  
 \$124 nonmember; members receive 20% discount  
 Wednesday, July 9, 10 a.m. – 3:30 p.m.  
 Annex 2



### Rejuvenated Jewelry

Inspired by the little treasures you save and love, we will cleverly combine old and new elements to create spectacular jewelry. Bring your special and sentimental keepsakes, single earrings, buttons, charms, chains, family photos, and found objects and let Bonnie Arkin inspire your creativity. We can create wonderful new designs from vintage treasures. You will learn to solder, wire wrap, and string. Arkin has many examples to share and resources for treasure hunting. A supply list will be sent.

Bonnie Arkin, artist and designer  
 \$149 nonmember; members receive 20% discount  
 6 Thursdays, July 10 – August 14, 7 – 9 p.m.  
 Annex 1

### New! Book Conservation 1: Conservation Storage Box

One of the most effective ways of slowing down the natural aging of books is to store them in specially constructed protective enclosures. This course will provide you with the materials and guidance needed to construct a 6"x 9"x1.5" archival-quality book conservation box. Since many of these skills are also found in basic book-binding, this course also serves as an introduction to several aspects of that craft. Materials will be provided, including pre-cut binder's board, book cloth, alkaline paper, and adhesives. Participants should bring: an apron, ruler, 1" paint or glue brush, and a pointed bone folder or size 13 plastic knitting needle.

James Twomey, book and paper conservator, adjunct faculty member, Dominican University's School of Library Science  
 \$89 nonmember; members receive 20% discount  
 Saturday, July 19, 10 a.m. – 4 p.m.  
 Plant Science Lab, Regenstein Center

### Personalized Natural Perfume Workshop

Create a personalized natural aroma at this beginner-level workshop while learning about plant origins and distillation. Sample fragrant oils will be provided from around the world, including American clary sage, Egyptian jasmine, French lavender, Italian bergamot, and more. Choose a unique combination of oils for the instructor to blend into your own signature scent. Fee includes .25 ounce bottle of custom natural perfume to take home.

Jessica Hannah, natural perfumer and interdisciplinary artist, J.Hannah Co.  
 \$74 nonmember; members receive 20% discount  
 Saturday, July 26, 10 a.m. – noon or 1 – 3 p.m.  
 Linnaeus Room  
 or  
 Saturday, December 6, 10 a.m. – noon or 1 – 3 p.m.  
 Linnaeus Room



*Botanical Arts classes explore subjects as diverse as perfume blending and tile workshops.*

### Watercolor: Painting the Natural World

This course addresses ways to express the beauty of nature in watercolor. Each week will focus on a specific technique, such as ways to mix greens or show natural textures, with a goal of a more satisfying painting experience. In the last two weeks, we will focus on such landscape techniques as how to use composition, color, and focus to create the impression of a beautiful natural place. A supply list will be sent.

Judith Joseph, artist and educator  
 \$299 nonmember; members receive 20% discount  
 6 Thursdays, July 31 – September 4,  
 12:30 – 3:30 p.m.  
 Design Studio

### Beginning Watercolor

Watercolor is a delightfully fun medium! In this class, you'll learn a variety of watercolor techniques, including washes and how to make a range of textures on paper, plus some color theory to get you started. No prior experience is necessary. A supply list will be sent.

Patsy Welch, artist and educator  
 \$237 nonmember; members receive 20% discount  
 6 Wednesdays, August 6 – September 10,  
 1 – 3:30 p.m.  
 Design Studio

### Prairie Plant Wall Tile Workshop

Create a work of art for your garden with ceramic muralist, Janet Austin. Choose from a wide variety of native plants to press into a large clay slab. Then, with a clever process, add the plant's name. The delicate low relief is brought to life with a lovely verdigris glaze. Finished 8" x 10" pieces are high fired, strung with a leather cord, and ready to pick up in several weeks.

Janet Austin, artist  
 \$89 nonmember; members receive 20% discount  
 Tuesday, August 12, 10 a.m. – noon  
 Annex 2



## Botanical Drawing 1, Fall Session

### ART requirement

Strong drawing is the cornerstone of botanical art. In this class, we will work in pencil, covering the fundamentals of proportions, line, tone, dimensionality, and expression. We will work from live specimens, flowers, seeds, and fruit.

Marlene Hill Donnelly, scientific illustrator, Chicago Botanic Garden and The Field Museum \$349 nonmember; members receive 20% discount  
8 Tuesdays, September 9 – October 28, 6 – 9 p.m.  
Design Studio

## New! Dyeing Local: Creating Color with Berries, Barks, Leaves, and Flowers

Learn how to create color on natural fibers from plant materials collected from your local area, including your own garden. We will start by learning the foundation of natural dyeing – the mordant process. We will continue with learning how to extract natural dyes from different types of plant materials. Students will provide their own natural yarn or fabric (wool, cotton, silk, or other natural fibers) to dye. A list of supplies will be sent. Open to all levels.

Pamela Feldman, artist and educator \$399 nonmember; members receive 20% discount  
4 Mondays, September 15 – October 6, 9 a.m. – 3 p.m.  
Plant Science Lab, Regenstein Center

## New! Sketchbooks as an Artist Resource

Explore examples of several artists' sketchbooks from throughout history while developing your own. Sketchbooks can be collections of ideas, experiments, studies, notes, ephemera, and inspiration. In addition to exploring other artist's sketchbooks, we will develop a variety of techniques to create and enhance your own sketchbook as a resource. Participants will be sketching natural subjects in pencil, fine permanent marker, watercolor pencil, watercolor, water-soluble pen, and water-brush. This class is suitable for beginning through advanced students whether you use your sketchbook for studies and to work out problems, as a travel journal, or as art in a finished state.

Diane Dorigan, artist and educator \$199 nonmember; members receive 20% discount  
6 Tuesdays, September 16 – October 21, 10 a.m. – noon  
Design Studio

Visit [chicagobotanic.org/school/faculty/biographies](http://chicagobotanic.org/school/faculty/biographies).

Chicago Botanic Garden members receive a 20 percent discount on classes.

## Frame Loom Weaving

In this class we examine the many possibilities of creating woven forms using a simple frame loom. Students will experiment with the techniques of tapestry and plain-weave, then explore ways of creating surface, image, and text within a woven form to create independent projects. Students will be exposed to both contemporary and historical artworks and will participate in skill-building demonstrations to broaden their technical skills.

Pamela Feldman, artist and educator \$499 nonmember; members receive 20% discount  
10 Wednesdays, September 17 – November 19, 9 a.m. – 1 p.m.  
Design Studio

## The Rhythms of Stone Garden Sculpture Workshop

Known for his excellence in teaching, award-winning sculptor DJ Garrity will conduct a stone-carving workshop focusing on carving a face onto stone. This artist resides in the west of Ireland and travels to the Chicago Botanic Garden to teach this workshop whenever his busy schedule allows (which isn't very often!). He has served three tours of duty as the sculptor-in-residence of the Mount Rushmore National Memorial and established an international reputation with gardeners, artists, and educators who have enjoyed this innovative workshop and the opportunity to create a unique garden sculpture. No previous experience is required to participate and students of all ages have enjoyed the light approach that Garrity brings to the art of stone sculpture. A block of limestone is included in the workshop fee. If you are interested in bringing your own stone, please mention this when registering and the price of the limestone will be deducted from your class fee. Students need to supply their own carving tools. A supply list will be sent.

DJ Garrity, professional sculptor \$750 nonmember; members receive 20% discount  
Monday – Thursday, October 6 – 9, 9 a.m. – 3:30 p.m.  
McGinley Pavilion



## BOTANICAL ARTS CERTIFICATE OF MERIT PROGRAM

### Drawn from Nature: Annual Student Botanical Arts Exhibition

Registration Deadline Monday, July 28

Get your paintbrushes ready and your pencils sharpened! Registration is now open for *Drawn from Nature: Botanical Arts Exhibition*. Students of all levels are welcome, but you must register and submit your entries by July 28 to participate. Please review detailed information on requirements, procedures, and submission due dates prior to registration. The exhibition opens in the Joutras Gallery on Saturday, October 4.  
[chicagobotanic.org/school/botart\\_exhibition](http://chicagobotanic.org/school/botart_exhibition)



### Open Studio, Summer Session

#### ART elective

This studio class is open to all levels and will feature a short lecture and demonstration each week illustrating a principle that pertains to all media. Select plant materials will be provided for the session. The School's CEUs=1.8

Marlene Hill Donnelly, scientific illustrator, Chicago Botanic Garden and The Field Museum \$212 nonmember; members receive 20% discount  
5 Sundays, June 1 – 29, 9:30 a.m. – 12:30 p.m.  
Design Studio

### Composition

#### ART requirement

Students at all levels will learn the components of fine botanical composition in this studio class. Students will explore composition, design, and execution.

Derek Norman, artist and director, Midwest Center for Botanical Documentation \$287 nonmember; members receive 20% discount  
6 Mondays, June 2 – July 7, 6 – 9 p.m.  
Design Studio

*A beautiful face slowly emerges from stone in the Rhythms of Stone Garden Sculpture Workshop.*

## Oil Painting Workshop

*ART elective*

Let the spring scenes of the Garden inspire you in this three-day workshop. Explore design, composition, use of color, value, and drawing. Stress will be placed on designing the painting, as well as a practical approach of emphasizing the elements of solid painting. We will spend a portion of the class painting in the Garden as weather allows. Prerequisite: Introduction to Oil Painting or commensurate experience. The School's CEUs= 0.9

Thomas Trausch, artist, TWSA master status  
\$287 nonmember; members receive 20% discount  
3 Saturdays, May 31 – June 14, 1 – 4 p.m.  
Lakeside Room, Visitor Center

## Oil Painting 2

*ART requirement, expressive track, or ART elective*

Students will continue to build upon skills and enhance techniques discovered in Introduction to Oil Painting. Hands-on instruction and demonstrations will be given throughout. We will spend a portion of the class painting in the Garden as weather allows. Exercises will be given out as well as how to approach and paint in *plein air*. The emphasis will be on the artist pursuing his or her own style of personal expression. Prerequisite: Introduction to Oil Painting or commensurate experience. School's CEUs= 1.5

Thomas Trausch, artist, TWSA master status  
\$287 nonmember; members receive 20% discount  
5 Saturdays, July 12 – August 9, 1 – 4 p.m.  
Lakeside Room, Visitor Center

## New! Color Pencil: Mixed Media and Unique Surfaces

*ART elective*

Learn and explore your creative edge through experimenting with color pencil over and under acrylic, ink, and other media on surfaces such as canvas, wood, and mixed media boards. Work from your own photograph or still life set-up. The School's CEUs= 1.8

Priscilla Humay, freelance artist, CPSA  
\$287 nonmember; members receive 20% discount  
6 Sundays, July 13 – August 17,  
9:30 a.m. – 12:30 p.m.  
Design Studio

## Watercolor 1

*ART requirement*

Students will build skills, starting with basic color mixing and paint-handling exercises. Students will progress to rendering textures and form in color and using paint-layering techniques to achieve a naturalistic style.

Nancy Halliday, freelance artist and naturalist  
\$287 nonmember; members receive 20% discount  
6 Tuesdays, July 22 – August 26, 6 – 9 p.m.  
Design Studio

## The Landscape in Pastel

*ART elective or core course option, expressive track*

In this workshop we will use the versatile and workable medium of pastel to paint powerful, evocative landscapes. We will learn to combine and edit photographs to create original compositions emphasizing lighting, strong shapes and values. All levels are welcome. The School's CEUs= 1.2

Marlene Hill Donnelly, scientific illustrator,  
Chicago Botanic Garden and The Field Museum  
\$187 nonmember; members receive 20% discount  
4 Saturdays, August 2 – 23, 9 a.m. – noon  
Design Studio

## Botany for Botanical Artists

*ART requirement and FPC elective*

This class is designed with the botanical artist in mind. The focus will be on the visual aspects of botany rather than the study of internal features and processes. This class will distill the terminology of botanists into an understandable and useful form. Lectures and demonstrations will explore vascular plant parts including flowers, stems, leaves, and roots.

TBD  
\$224 nonmember; members receive 20% discount  
5 Thursdays, September 11 – October 16, 6 – 9 p.m.  
(no class September 25)  
Plant Science Lab, Regenstein Center

## Pen and Ink 2

*ART requirement, traditional track*

This studio class will cover advanced pen-and-ink techniques and composition in botanical documentation and illustration. We will draw advanced plant forms and their parts under the microscope, developing sound linear and tonal concepts, communicating accurate botanical information, and learning the aesthetics of botanical drawing and composition. Students will work using both a crow quill (dip pen) and technical drawing pens. Prerequisites: Botanical Drawing 1, Pen and Ink 1.

Derek Norman, artist and director,  
Midwest Center for Botanical Documentation  
\$287 nonmember; members receive 20% discount  
6 Mondays, September 8 – October 13, 6 – 9 p.m.  
Design Studio

## Botanical Drawing 1, Fall Session

*ART requirement*

Strong drawing is the cornerstone of botanical art. In this class, we will work in pencil, covering the fundamentals of proportions, line, tone, dimensionality, and expression. We will work from live specimens, flowers, seeds, and fruit.

Marlene Hill Donnelly, scientific illustrator,  
Chicago Botanic Garden and The Field Museum  
\$349 nonmember; members receive 20% discount  
8 Tuesdays, September 9 – October 28, 6 – 9 p.m.  
Design Studio

## Open Studio, Fall Session

*ART elective*

This studio class is open to all levels and will feature a short lecture and demonstration each week illustrating a principle that pertains to all media. Select plant materials will be provided for the session. The School's CEUs=1.8

Marlene Hill Donnelly, scientific illustrator,  
Chicago Botanic Garden and The Field Museum  
\$212 nonmember; members receive 20% discount  
5 Sundays, September 7 – October 5,  
9:30 a.m. – 12:30 p.m.  
Design Studio

## John Pastoriza Piñol, Advanced Watercolor Workshop

*Visiting Artist Series*

*ART elective*

John Pastoriza-Piñol, an award-winning botanical artist with a doctorate in botany from the University of Vigo, Spain, is coming from Australia to teach a three-day workshop that focuses on autumnal subject matter. Produce pieces that define exquisite detail through varying layers of light and shadow. The School's CEUs=1.8

John Pastoriza-Piñol, artist and botanist  
\$449 nonmember; members receive 20% discount  
Saturday – Monday, October 11 – 13, 9 a.m. – 4 p.m.  
Design Studio



*Fine-tune your watercolor skills this autumn with visiting artist John Pastoriza Piñol.*

## English Watercolor Techniques

*ART requirement, traditional track*

Using live plant materials, students build on techniques learned in Watercolor I. Emphasis is on realistic portrayal of botanical subjects and traditional methods of dry brush watercolor painting, with attention to detail and color accuracy. Demonstrations and individual instruction will be given. Prerequisites: Botanical Drawing 1, Color Mixing, and Watercolor 1.

Nancy Halliday, freelance artist and naturalist  
\$287 nonmember; members receive 20% discount  
6 Mondays, October 20 – November 24, 6 – 9 p.m.  
Design Studio

## Botanical Drawing 2

*ART requirement*

Continue to build your drawing skills with advanced graphite techniques, light and dark media on toned paper, and carbon dust. Prerequisite: Botanical Drawing 1.

Marlene Hill Donnelly, scientific illustrator,  
Chicago Botanic Garden and The Field Museum  
\$287 nonmember; members receive 20% discount  
6 Saturdays, November 1 – December 20,  
9 a.m. – noon  
(no class November 29 & December 6)  
Design Studio

## Color Pencil Workshop

*ART elective*

Whether advanced or novice, you will learn various colored pencil application techniques emphasizing color value and temperature. Drawing skills will be sharpened to allow for your personal expression. You will work from real life. Reference handouts, demonstrations, and individual guidance is given to each student. The School's CEUs= 0.9

Priscilla Humay, freelance artist, CPSA  
\$174 nonmember; members receive 20% discount  
3 Saturdays, November 1 – 15, 1 – 4 p.m.  
Design Studio

## Photography

Discover the joy of nature and garden photography with the Garden as your studio! Advance your artistic and technical skills in classes and workshops for students of all levels led by outstanding photography professionals.

### New! iPhone Photography

There are hundreds of photography apps available for iPhones, and many of them have similar features. This class will explore some of the better-known apps along with instruction on how to use them for nature photography. The first class will go over the basics of iPhone photography along with fieldwork for a portion of the day. The second class will examine the photos taken during week one and how they can be enhanced, manipulated, or altered to create a personal statement. iPhones are mandatory.

Tobin Fraley, photographer  
\$79 nonmember; members receive 20% discount  
2 Saturdays, May 31 & June 7, 10 a.m. – noon  
Lakeside Room, Visitor Center

### New! Intro to Photography for Persons with Limited Mobility

Limited mobility should not impede your pursuit of this engaging hobby. Learn the basics of working with your camera, along with ways to adapt your equipment and methods to compensate for your physical disability. The first class will focus on camera basics in addition to specific suggestions for adaptive devices. The following two classes will combine classroom instruction with field experience. The instructor will contact each student in advance of the class to assess individual needs and answer questions. Requirements: Digital camera (no phones or pads, please). Class size limited to eight students. **Note:** A limited number of ECVs (motorized scooters) are available for rental at the Garden; reservations should be made in advance by calling the Information Desk at (847) 835-8208. Manual wheelchairs are also available at no charge.

Jack Carlson, certified professional photographer  
\$119 nonmember; members receive 20% discount  
3 Mondays, June 9 – 23, 10 a.m. – noon  
Lakeside Room, Visitor Center

## Focusing on Nature: Fourth Annual Student Botanical Photography Exhibition

August 23 – September 28  
Opening Reception  
Friday, August 22, 6 – 8 p.m.  
Joutras Gallery, Regenstein Center

The exhibition features outstanding works by students and instructors of the Regenstein School photography classes. Visit [chicagobotanic.org/school/exhibitions/photo\\_gallery.php](http://chicagobotanic.org/school/exhibitions/photo_gallery.php) for images from the 2013 show.



## FOCUS ON PHOTOGRAPHY CERTIFICATE OF MERIT PROGRAM

### Advanced Photography Portfolio Workshop

*FPC requirement, fine art track*

This course is designed for photographers comfortable with the skills and techniques necessary to produce portfolio-quality images. Must be comfortable with aperture and shutter speed. With skills honed, the class will explore art direction, composition, and elements within the art of photography. Time in the classroom is immediately followed by time outdoors dedicated to practicing new artistic components. You will walk away with your own set of professionally produced images, which will be ready to submit for *Focusing on Nature: 2014 Student Botanical Photography Exhibition*. Digital SLR mandatory. Prerequisite: Intermediate Photography Portfolio Class.

Dianne Kittle, fine art photographer  
\$374 nonmember; members receive 20% discount  
8 Mondays, June 2 – July 21, 9 – 11:30 a.m.  
Design Studio

*Sharpen your photography skills at the Garden.*



## Photoshop 2

### FPC elective

Take the next step and learn even more about Adobe Photoshop. This more advanced class will further your knowledge of selections and layers, allowing you to do some serious photo enhancement and manipulation. We will tackle some interesting projects such as black-and-white with color accents, old photo restoration, and abstract art creation. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera. Prerequisite: Photoshop 1, or approval of instructor. The School's CEUs=1.0

Iris Allen, freelance photographer and instructor  
\$187 nonmember; members receive 20% discount  
4 Mondays, June 2 – 23, 6:30 – 9 p.m.  
Lakeside Room, Visitor Center

## Abstracts in Nature – Summer

### FPC fundamental course, fine art track

This intermediate class will be spent applying photographic techniques to create a portfolio of abstract fine art photographs. You will go beyond nature as reality and learn to see the outdoors in patterns. Using design concepts, students will craft creative images with a mood and message. A review of technical SLR tools, in addition to developing your creative eye, will help you capture abstracts of your very own. Class will include lecture, critique, and time in the Garden.

Dianne Kittle, fine art photographer  
\$225 nonmember; members receive 20% discount  
6 Tuesdays, June 3 – July 8, 6:30 – 8:30 p.m.  
Design Studio

## New! Photographing Butterflies & Blooms

### FPC elective

Join Jack Carlson for a rare opportunity to capture the colorful world of the Butterflies & Blooms exhibition. This intermediate- to advanced-level class meets before the exhibition opens to the general public, so cameras and tripods are most welcome. Participants should have a working knowledge of camera controls and lens settings. *Close-focusing/macro lens and tripod strongly suggested.* We will meet for a brief orientation, and then proceed to the exhibition. The School's CEUs=0.25

Jack Carlson, certified professional photographer  
\$59 nonmember; members receive 20% discount  
Thursday, June 5, 7 – 9:30 a.m.  
or  
Sunday, June 8, 7 – 9:30 a.m.  
or  
Thursday, August 14, 7 – 9:30 a.m.  
or  
Saturday, August 16, 7 – 9:30 a.m.  
Lakeside Room, Visitor Center

## Photoshop I

### FPC requirement option

The Chicago Botanic Garden is a spectacular place to take photographs. Make your photographs even better with Adobe Photoshop Elements—a user-friendly photo editor that uses the same concepts as the full version of Photoshop. Learn how to make your images better through the use of selection tools, layers, and smart brushes. Play with some artistic options that can inspire abstractions. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera.

Iris Allen, freelance photographer and instructor  
\$187 nonmember; members receive 20% discount  
4 Mondays, June 16 – July 7, 1 – 3:30 p.m.  
Design Studio

## New! Shadows and Textures

### FPC fundamental course, fine art track

There are hidden facets to any photograph. We block out aspects of any potential image with our mind's eye, yet consciously incorporating patterns, textures, and shadows into an image. This can be the difference between a snapshot and a really good photograph. This class will explore the inclusion of these elements into your work by changing the way objects are viewed.

Tobin Fraley, photographer  
\$237 nonmember; members receive 20% discount  
5 Thursdays, June 19 – July 17, 9:30 a.m. – noon  
Lakeside Room, Visitor Center

## Observing and Photographing Nature

### FPC elective

Photography is as much about seeing and understanding the subject as it is about the technical side of taking the picture. This course will both explore the use of the camera and help you discover the truly wonderful images that wait to be seen and captured in any garden, along any path. The School's CEUs=1.25

Tobin Fraley, photographer  
\$237 nonmember; members receive 20% discount  
5 Thursdays, June 19 – July 17, 1 – 3:30 p.m.  
Lakeside Room, Visitor Center

## Beginning Digital Photography

### FPC requirement

This course will help beginners and enthusiasts grasp the techniques and principles of photography. Participants will explore the basics of photography, including image composition rules, how the camera works, the functions of lens aperture and shutter speed, proper exposure, with some minimal photo processing covered. Course requires a digital SLR camera. No previous experience is required.

Jack Carlson, certified professional photographer  
\$225 nonmember; members receive 20% discount  
6 Tuesdays, June 24 – July 29, 6:30 – 8:30 p.m.  
Lakeside Room, Visitor Center



## New! Water and Reflections

### FPC elective

With more than 81 acres of water at the Garden, these areas and the reflections they create can easily become an image subject. Students will acquire the skills and practice needed to photograph water features with reflection and varied light levels. The School's CEUs = 1.2

Jack Carlson, certified professional photographer  
\$225 nonmember; members receive 20% discount  
4 Wednesday, July 9 – 30, 8 – 11 a.m.  
Lakeside Room, Visitor Center

## Photoshop 2

### FPC elective

Take the next step and learn even more about Adobe Photoshop. This more advanced class will further your knowledge of selections and layers, allowing you to do some serious photo enhancement and manipulation. We will tackle some interesting projects such as black and white with color accents, old photo restoration, and abstract art creation. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera. Prerequisite: Photoshop 1, or approval of instructor. The School's CEUs = 1.0

Iris Allen, freelance photographer and instructor  
\$187 nonmember; members receive 20% discount  
4 Mondays, July 14 – August 4, 1 – 3:30 p.m.  
Design Studio

## New! Advanced Abstracts in Nature

### FPC elective

Designed for the advanced photographer, this class will walk students through the evolution of abstract photography. It also includes a contemporary art field trip. We will trace and learn the art of abstract nature photography by completing projects based on art movements such as Impressionism, Expressionism, Cubism, Surrealism, Dadaism, and Minimalism. We will study the works of Man Ray, Minor White, and others from the history of photography. Finally, the class will end with projects based on contemporary photographers. You will need a digital SLR, Adobe Photoshop, and Lightroom to take this class. We will create slideshows, e-books, and add to your printed portfolio. The School's CEUs=1.2

Dianne Kittle, fine art photographer  
\$225 nonmember; members receive 20% discount  
6 Tuesdays, July 15 – August 19, 10 a.m. – noon  
Lakeside Room, Visitor Center



### New! Photographing Summer Sunsets

#### FPC elective

Long shadows cast by the setting sun make wonderful images when included in a natural photograph of the garden. Students will learn how to set camera controls when the sun is a major subject in the frame. The School's CEUs=1.0

Jack Carlson, certified professional photographer \$187 nonmember; members receive 20% discount  
**4 Wednesdays, July 23 – August 13, 6:30 – 9 p.m.**  
 Plant Science Lab, Regenstein Center

### The Fine Art Water Portfolio

#### FPC fundamental course, fine art track

Water, the essence of life, will be our canvas for creating artistic images. With your SLR on shutter speed priority, we will freeze patterns of design formed by water. You will learn to isolate images reflecting the water's surface. Using slow shutter speed, polarizers, and neutral density filters, you will direct your camera to paint works of water art. Students will be given the opportunity and direction to develop a fine art portfolio worthy of exhibition or BLURB book. Class will include lecture, critique, and time in the Garden.

Dianne Kittle, fine art photographer  
 \$225 nonmember; members receive 20% discount  
**4 Wednesdays, August 6 – 27, 9 a.m. – noon**  
 Design Studio

### Beginning Digital Photography

#### FPC requirement

This course will help beginners and enthusiasts grasp the techniques and principles of photography. Participants will explore the basics of photography, including image composition rules, how the camera works, the functions of lens aperture and shutter speed, proper exposure, with some minimal photo processing covered. Course requires a digital SLR camera. No previous experience is required.

Jack Carlson, certified professional photographer  
 \$225 nonmember; members receive 20% discount  
**4 Sundays, August 10 – September 7, 9 a.m. – noon**  
 (no class August 31)  
 Lakeside Room, Visitor Center

### Advanced Photoshop

#### FPC elective

Take your Photoshop skills to the next level and learn some more exciting editing techniques. This class is project-oriented, learning black and white with color accents, HDR, panorama, and people extraction. There will also be more digital photography tips. Requirements for the course are a laptop computer with Adobe Photoshop Elements or Adobe Photoshop CS5 installed and a digital camera. Prerequisite: Photoshop 1 & 2, or approval of instructor. The School's CEUs = 1.0

Iris Allen, freelance photographer and instructor  
 \$187 nonmember; members receive 20% discount  
**4 Mondays, August 11 – September 8, 1 – 3:30 p.m.**  
 (no class September 1)  
 Design Studio

### Lightroom 1

#### FPC requirement option

Adobe Photoshop Lightroom 4 is professional-grade processing software designed to help photographers manage and edit their images. In this course, you will learn Lightroom 4 setup, workflow, file management, processing, and image exporting. You'll also learn to tag, name, size, and sharpen your images. Students will be guided from the shoot and image download, through the develop module to the final output of a slideshow set to music. We will create a workflow process that can be used as a standard of organization for the photographer. A personal laptop with Adobe Photoshop Lightroom 4 installed is required, or you may choose to download the 30-day free trial of Lightroom from Adobe's website on the first day of class.

Dianne Kittle, fine art photographer  
 \$225 nonmember; members receive 20% discount  
**4 Thursdays, August 21 – September 11,**  
**9 a.m. – noon**  
 Lakeside Room, Visitor Center

### Botany for Botanical Artists

#### FPC requirement, nature and wildlife track

**4 Thursdays, September 11 – October 16, 6 – 9 p.m.**  
 See page 60 for details.

### New! Into the Woods

#### FPC elective

In this class, students will learn how to find and photograph various parts of McDonald Woods. Subjects will include dealing with differences of scale, changing light levels, and using different perspectives to photograph paths as lead-lines. The School's CEUs=1.2

Jack Carlson, certified professional photographer  
 \$225 nonmember; members receive 20% discount  
**4 Sundays, September 21 – October 12, 9 a.m. – noon**  
 Annex 2

### New! Photographing Trees

#### FPC fundamental course, nature and wildlife track

Both deciduous and evergreen trees are essential to the environment. This class will provide instruction on how best to photograph each type. When photographing evergreens, the emphasis will be on texture and pattern of bark, cones, and needles. For deciduous trees, capturing branches and the changing color of leaves as individual subjects in close-ups will be the focus. Varied techniques for capturing images of the tree in its entirety, as well as the tree's parts, will be the core. Digital SLR cameras with a medium to wide-angle lens and macro or close-focusing lens are required. Students should have a working knowledge of their camera settings and controls.

Jack Carlson, certified professional photographer  
 \$237 nonmember; members receive 20% discount  
**5 Tuesdays, September 23 – October 21,**  
**9:30 a.m. – noon**  
 Lakeside Room, Visitor Center

### SAVE THE DATE!

#### Allen Rokach Autumn Workshop

Saturday & Sunday, October 18 & 19, 7 a.m. – 6 p.m.

Details to come in the fall issue of *Keep Growing*



## Wellness

Discover the many possibilities offered at the Chicago Botanic Garden for nurturing and healing the body, mind, and spirit.

### Sugar Busters

Do you crave sweets? You're not alone! The average American consumes 30 teaspoons of the sweet stuff every day--without even realizing it! Sugar can pack on the pounds, zap your energy, run down your immune system, make you moody, and more. Wouldn't you love to kick the sugar habit once and for all? Join us for the Sugar Busters workshop and change your life for the better! Tamara Mannelly will show you simple steps and proven strategies to help you understand why you crave sugar (hint: it's not your fault!) and how you can break sugar's hold on you. This is a positive and uplifting class where all are welcome.

Tamara Mannelly, M.Ed., H.H.C., certified healing foods specialist and holistic health coach  
 \$19 nonmember; members receive 20% discount  
 Wednesday, June 4, 10:30 – 11:30 a.m.  
 Annex 2

### Fizzy Drinks: Healthy, Probiotic-rich Alternatives to Soda

Are you looking for healthy ways to quit the soda habit? In this class, Tamara Mannelly will demonstrate several different recipes for making healthy, probiotic-rich, fizzy drinks that your whole family will enjoy! She will have plenty for you to taste and will show you how easy it is to make these in your own home! You will take home notes, recipes, and a kombucha SCOBY (to make your own kombucha tea... one of the recipes she will demonstrate).

Tamara Mannelly, M.Ed., H.H.C., certified healing foods specialist and holistic health coach  
 \$49 nonmember; members receive 20% discount  
 Tuesday, June 10, 10 a.m. – noon  
 Plant Science Lab, Regenstein Center

*Come join one of our walking classes!*

### New! Vitamin G: Mindful Walking Class

Vitamin G is the term for the unique benefits we experience from being surrounded by nature. According to researchers at Harvard, everyone should be getting regular doses of Vitamin G. Contemplative walks can be the best way to get vitamin G, reduce depression and anxiety, boost our immune systems, and generally make our lives more meaningful. A mindful walk in the Garden, just looking and listening, may be the best prescription available for a peaceful, happy, and healthy life! Each class will meet for a brief mindfulness instruction and introduction, followed by a 45-minute slow-paced walk, concluding with a short discussion of the insights gained from the walk.

Carl Jerome, founding director, the North Shore Meditation and Dharma Center with Caren Deane Thomas  
 \$125 nonmember; members receive 20% discount  
 5 Wednesdays, July 9 – August 6, 8:30 - 9:45 a.m.  
 Linnaeus Room

### Meditation Walk: The Cycles of Life

What better way to enjoy the seasonal weather and nourish your spirit at the same time than an early morning meditation walk at the Chicago Botanic Garden! Come prepared to relax and renew as we slowly walk around the Great Basin, making four stops for guided meditation. The four life-cycle images we will focus on are creation/birth, growth, pain and loss, and new life. Each image will be linked to our own life experiences, and you will have private time to contemplate, journal, wander, and breathe. This event will take place rain or shine as we can utilize covered spaces if needed.

Mary Ann Spina, teacher, writer, and counselor  
 \$25 nonmember; members receive 20% discount  
 Saturday, October 11, 8 – 10 a.m.  
 Meet at Visitor Center

### Fitness Walks

Maximize the benefits of walking for exercise by learning about proper posture, muscle strengthening, and stretching. The Chicago Botanic Garden's outdoor environment is a unique alternative to a health club, offering fresh air and a place where beautiful scenery changes weekly. All fitness levels are accommodated. Dress for the weather and wear comfortable clothing and walking shoes. The incremental multi-session pass allows the walker to choose which sessions to attend during the season.

Esther Gutiérrez-Sloan, certified personal trainer and president, SALSArobics, Inc.

**# of Sessions**      **Nonmember Fee**  
 (members receive 20% discount)

4 Sessions	\$63 nonmember
8 Sessions	\$119 nonmember
12 Sessions	\$166 nonmember
16 Sessions	\$199 nonmember
Season Pass	\$337 nonmember
Drop-in Rate	\$15

Saturdays, April 12 – November 15, 8 – 9 a.m.  
 Meet in Visitor Center

### Reiki for You

Reiki is a complementary healing practice that can be used for self-care as well as care of others. Reiki is helpful in promoting relaxation, managing stress, and enhancing one's overall health and sense of well-being. Reiki works holistically to bring balance to the body, mind, and spirit. In this two-class series, you will learn about working with Reiki and how to offer Reiki to yourself every day. Completion of both classes is required to receive your Level I certificate.

Ellani Maurides and Mary Lynn Carver, instructors, The Reiki Share Project  
 \$187 nonmember; members receive 20% discount  
 2 Thursdays, June 19 & 26, 1 – 5 p.m.  
 Linnaeus Room



Wellness programming is generously supported by NorthShore University HealthSystem.

## TAI CHI CLASSES

Tai chi's fluid movements make the Chicago Botanic Garden an ideal location for classes. People of all ages and physical conditions can learn these movements. Tai chi is best practiced in loose clothing and stocking feet or comfortable flat shoes. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden. One-time class trial fee: \$20.

### Tai Chi for Beginners: Sun-Style

This course will introduce students to Sun-style tai chi chuan with a few Yang-style concepts as well. Sun-style is the most modern form of tai chi and the movements are very gentle in nature. We will focus on basic principles to improve your balance and relaxation, and also increase your range of motion and reduce stress. This class of gentle movements is recommended for beginners and provides you with a solid foundation for choosing future studies. No previous tai chi experience is required, and all are welcome.

Gordon Lock, instructor

\$119 nonmember; members receive 20% discount  
Summer session:

7 Tuesdays, June 3 – July 22

8 – 9 a.m. (no class July 8)

or

Fall session:

7 Tuesdays, September 9 – October 28

8 – 9 a.m. (no class September 23)

Burnstein Hall

### Tai Chi for Beginners: Yang-Style

This course will introduce students to Yang-style tai chi chuan with a few Sun-style concepts as well. Tai chi from the Yang family is a beautiful, slow-moving meditation in motion. We will focus on basic principles to improve your balance and relaxation, and also increase your range of motion and reduce stress. This class of gentle movements is recommended for beginners and provides you with a solid foundation for choosing future studies. No previous tai chi experience is required, and all are welcome.

Gordon Lock, instructor

\$119 nonmember; members receive 20% discount  
Summer session:

7 Tuesdays, June 3 – July 22

9:15 – 10:15 a.m. (no class July 8)

or

Fall session:

7 Tuesdays, September 9 – October 28

9:15 – 10:15 a.m. (no class September 23)

Burnstein Hall



Practice tai chi in a beautiful setting.

### Tai Chi: Intermediate Sun-Style

Further your study of the Sun form of tai chi. Consistent practice of tai chi helps us to relax from the fast pace of multi-tasking and recognize the moment at hand. The movements help to reconnect us to mind-body awareness and restore harmony and balance into our daily routines. Tai Chi for Beginners or some tai chi experience is recommended.

Gordon Lock, instructor

\$165 nonmember; members receive 20% discount  
Summer session:

10 Wednesdays, June 4 – August 13

8 – 9 a.m. (no class July 9)

or

Fall session:

10 Wednesdays, September 10 – November 19

8 – 9 a.m. (no class September 24)

Burnstein Hall

### Tai Chi: Advanced Yang-Style

This course continues with in-depth study of the Yang-style for students who have completed the intermediate class level and feel comfortable advancing. Some qigong exercises, such as the Eight Pieces of Brocade, will also be practiced. In session we will emphasize the ABCs—alignment, breathing, and concentration.

Gordon Lock, instructor

\$165 nonmember; members receive 20% discount  
Summer session:

10 Wednesdays, June 4 – August 13

9:15 – 10:15 a.m. (no class July 9)

or

Fall session:

10 Wednesdays, September 10 – November 19

9:15 – 10:15 a.m. (no class September 24)

Burnstein Hall

### Tai Chi: Advanced Sun-Style

This course continues with in-depth study of the Sun-style for students who have completed the intermediate class level and feel comfortable advancing. Some qigong exercises, such as the Eight Pieces of Brocade, will also be practiced. In session we will emphasize the ABCs—alignment, breathing, and concentration.

Gordon Lock, instructor

\$165 nonmember; members receive 20% discount  
Summer session:

10 Thursdays, June 5 – August 14

8 – 9 a.m. (no class July 10)

or

Fall session:

10 Thursdays, September 11 – November 20

8 – 9 a.m. (no class September 25)

Burnstein Hall

### Tai Chi: Intermediate Yang-Style

Further your study of the Yang form of tai chi. Consistent practice of tai chi helps us to relax from the fast pace of multi-tasking and recognize the moment at hand. The movements help to reconnect us to mind-body awareness and restore harmony and balance into our daily routines. Tai Chi for Beginners or some tai chi experience is recommended.

Gordon Lock, instructor

\$165 nonmember; members receive 20% discount  
Summer session:

10 Thursdays, June 5 – August 14

9:15 – 10:15 a.m. (no class July 10)

or

Fall session:

10 Thursdays, September 11 – November 20

9:15 – 10:15 a.m. (no class September 25)

Burnstein Hall

## YOGA CLASSES

Yoga is an ancient practice that unites body, mind, and spirit. For all sessions, wear comfortable clothing (sweats, shorts, or yoga pants) with socks or bare feet. Yoga mats are required. It is also suggested that you bring a towel with you, as well as a sweatshirt for cool-down. All yoga classes last approximately 60 minutes. On occasion, when weather permits, class will occur outdoors in one of the beautiful areas of the Chicago Botanic Garden. One-time class trial fee: \$20.

### Yoga Master Class

This class is designed for the student who is looking for a deeper understanding of the principles of movement and alignment. Join us for engaging practices in a welcoming, accepting, and encouraging environment. Be ready to explore your whole body through carefully designed sequences, gaining understanding of movement in more depth and detail. Don't miss the opportunity to emerge from this experience with a new knowledge set, a deeper understanding of your practice, and a stronger relationship with your essential self. Class size is limited so sign up soon.

Steve Nakon, Whole Journey  
\$125 nonmember; members receive 20% discount  
Linnaeus Room  
Summer session:  
5 Fridays, May 23 – June 20, 9 – 10:30 a.m.  
or  
Fall session:  
5 Fridays, October 17 – November 14, 9 – 10:30 a.m.

### Gentle Yoga

A series of yoga poses and breathing exercises designed and adapted for a tranquil, relaxing yoga experience. In this course, we will take a gentle, restorative approach to the practice. All students are welcome. Come and enjoy a sense of peace and balance.

Steve Nakon and Patricia Nakon, Whole Journey  
Summer session:  
\$150 nonmember; members receive 20% discount  
8 Mondays, July 7 – August 25, 9 – 10 a.m.  
or 5:15 – 6:15 p.m.  
Linnaeus Room  
or  
Fall session:  
\$187 nonmember; members receive 20% discount  
10 Mondays, September 8 – November 10, 9 – 10 a.m.  
or 5:15 – 6:15 p.m.  
Linnaeus Room

### Introductory Yoga

This is a course for the newer student focusing on yoga movement and breathing basics. We will investigate how the principles of yoga help support health and well-being. All are welcome. Join us as we explore the yoga basics.

Steve Nakon, Whole Journey  
Summer session:  
\$150 nonmember; members receive 20% discount  
8 Wednesdays, July 9 – August 27, 5:15 – 6:15 p.m. or 7 – 8 p.m.  
Linnaeus Room  
or  
Fall session:  
\$187 nonmember; members receive 20% discount  
10 Wednesdays, September 10 – November 12, 5:15 – 6:15 p.m. or 7 – 8 p.m.  
Linnaeus Room

### Yoga Flow Beginner

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. This is a moderately challenging course for students with some yoga experience.

Steve Nakon, Whole Journey  
Summer session:  
\$150 nonmember; members receive 20% discount  
8 Tuesdays, July 8 – August 26, 9:15 – 10:15 a.m. or 6 – 7 p.m.  
Linnaeus Room  
or  
Fall session:  
\$187 nonmember; members receive 20% discount  
10 Tuesdays, September 9 – November 11, 9:15 – 10:15 a.m. or 6 – 7 p.m.  
Linnaeus Room

### Yoga Flow Intermediate

The Yoga Flow series combines movement linked to the breath, working the body and engaging the mind. This is a more exhilarating, challenging Flow series for students who have taken Beginner Flow or have comparable experience.

Steve Nakon, Whole Journey  
Summer session:  
\$150 nonmember; members receive 20% discount  
8 Tuesdays, July 8 – August 26, 8 – 9 a.m.  
or  
8 Thursdays, July 10 – August 28, 9 – 10 a.m. or 6 – 7 p.m.  
Linnaeus Room  
or  
Fall session:  
\$187 nonmember; members receive 20% discount  
10 Tuesdays, September 9 – November 11, 8 – 9 a.m.  
or  
10 Thursdays, September 11 – November 13, 9 – 10 a.m. or 6 – 7 p.m.  
Linnaeus Room

### Gentle Yoga and Meditation

All levels of fitness and experience are welcome in this class, which will include meditative movement and contemplative stillness. We will focus on the breath and relieving stress.

Steve Nakon, Whole Journey  
\$187 nonmember; members receive 20% discount  
10 Wednesdays, Sept. 10 – Nov. 12, 9:30 – 10:30 a.m.  
Linnaeus Room

Visit [chicagobotanic.org/school/faculty](http://chicagobotanic.org/school/faculty) for faculty biographies.

Chicago Botanic Garden members receive a 20 percent discount on classes.

