

Home Landscaping and Garden Fair

Saturday, April 2, 2022

Bunker Hills Activities Center
550 Bunker Lake Blvd NW, Andover
***pre-registration required**



Hosted by the Anoka County Extension Master Gardener Volunteers

Register at z.umn.edu/2022HLGF by March 23, 2022

The 2022 Home Landscaping and Garden Fair is offering a Morning and an Afternoon session, each featuring a selection of 3 classes and a vendor fair.

Participants may also choose to register for both a.m. and p.m. sessions.

Additional material fees apply to the Kokedama class and the Beeswax Luminary class.

Both Morning and Afternoon Registration \$35
8:30 a.m. - 4:10 p.m. (check-in begins at 7:45 a.m.)

Only Morning Registration \$20
A.M. Session: 8:30 a.m. - 12 p.m. (check-in and vendor fair begin at 7:45 a.m.)

Only Afternoon Registration \$20
P.M. Session: 12:45 p.m. - 4:10 p.m. (check-in begins at 12:15 p.m.)

NOTE: Registration closes on 3/23/22. Walk-in Registration is not allowed this year.
See back of brochure for more event details.



UNIVERSITY OF MINNESOTA EXTENSION

Class Descriptions

A.M. Session 1, 8:30-9:30 am

1A) Beyond Monarchs & Milkweeds: Gardening for MN Butterflies and Moths *Kathy Johnson & Eva Knudsen*



Minnesota is home to over 100 butterflies and 370 moths. Learn about the host plants & life cycles of the most common butterflies and moths you'll see in the Twin

Cities and how your gardening practices can help the populations of more than just the Monarchs.

Kathy Johnson: A Master Gardener for 10 years, she has participated in Monarch Citizen Science projects for 6+ years. Her garden practices focus on supporting insects & birds; her garden is a registered Monarch Waystation. Eva has been an ACMG for 25 years and specializes in insects, their habitat, growing foods and sustainable landscaping.

1B) Those Wascally Weeds *John Schmidt & Lynne Hagen*

Quackgrass, chickweed, thistles, and MORE! Knowing which weeds are re-seeders, stoloniferous or rhizomous makes a difference in when and how they should be treated. Non-chemical methods and responsibly used chemical options will be discussed.

John Schmidt has been an avid gardener for over thirty years and a Master Gardener since 2012. He specializes in tree care, perennials, shrubs, sustainable garden design, plant diagnostics, and orchids. Lynne has been a MG for 15 years, is a UMN Extension Educator and the former program coordinator for the Anoka County Master Gardeners.

1C) BEE-utiful Lawns — *Kim Sullivan*

What makes a bee lawn a bee lawn? And, how do we maintain a bee lawn? How often to mow, how to control pests and weeds in the most natural and bee-safe ways are on everyone's mind. Join us to discuss your lowest impact options.

Kim has been a Master Gardener for 20 years and has worked with turf and forestry research at the U of M for several years along the way. She loves to bring science to your lawn & tree experiences.



A.M. Session 2, 9:45-10:40 am

2A) Edible Landscaping: Blending Beauty with Bounty *Julie Weisenhorn*

Gorgeous plants and delicious food both have a place in gardens. University of Minnesota Extension horticulturist, Julie Weisenhorn, shows how to make good plant choices, and how to creatively mix and match for your desired garden look and plant for sustainability and healthy plants.

MN native Julie Weisenhorn holds master's degrees in visual communication and horticulture from the University of Minnesota where she taught landscape design and served as state director of the Extension Master Gardener Program. Most recently, she has conducted studies on Flowers for Pollinators (z.umn.edu/flowers), a study assessing annual flowers' attractiveness to insect pollinators, and Pollinators for Food studying insect pollination of bell peppers. Weisenhorn coordinates and regularly appears on the popular WCCO Radio Smart Gardens show (Saturdays, 8-9am, AM 830).

A.M. Session 2, 9:45-10:40 am continued

2B) Growing Root Vegetables in the Home Garden — *Kari Martin*

This class will describe how to select, plant, maintain, harvest and store many root vegetables that can be grown in a Minnesota garden. These vegetables are generally easy to grow, but some require a few "tricks" to ensure a good crop. Root vegetables discussed will include potatoes, carrots, onions, leeks, garlic, beets, radishes, turnips, rutabagas, sweet potatoes – and even horseradish.

Kari, a corporate continuous improvement ninja with an addiction to gardening on her small suburb spot in Champlin, has been a Master Gardener since 2017. Having taught adults in a variety of courses, this is Kari's first chance to teach about root vegetables to fellow garden aficionados.

2C) Buds to Bugs: Tips for Photographing Your Garden *Dennis Zerwas, Jr.*

Whether you take photos of your garden for fun or function, getting the results you desire can sometimes be a challenge. Learn tips and techniques to help you get more out of today's amazing photography tools. We'll touch on fundamental topics such as lighting, focusing, and composing, as well as cover a few ideas on how to best enjoy and utilize your garden images.

Regardless of your photography skill level, or gardening skill level, there will be something for everyone in this session. Come join Dennis to see what results when passions and professions collide! *Dennis (MG, 2018) is a multi-award-winning professional photographer with over 25 years of experience. Along that journey, he also earned his Landscape/Horticulture degree from Hennepin Technical College in Brooklyn Park. Dennis joined the Master Gardener program in 2018.*

2D) How to Make a Kokedama *Jan Welsh*

Are you eager to get your hands in the dirt and create something amazing for your home, or for gifting?

Kokedama is the Japanese art of creating beautiful moss balls that feature a unique plant. They are really fun to create, and embellishments will be available to make it uniquely your own. Pre-registration required. Materials fee: \$30

Jan Welsh is an Anoka County Master Gardener, and has taught plant design classes for the past several years at Mickman Brothers, where she works as a plant coach.



A.M. Session 3, 11:00-11:55 am

3A) Xeriscaping and Plants for Dry Conditions — *Julie Weisenhorn*

Even in the land of 10,000 lakes, gardeners should be conscientious about conserving water. This includes considerations of soil health, plant choices, and best practices. Join University of Minnesota Extension horticulturist, Julie Weisenhorn, in exploring garden styles, plant selection and other landscape practices that provide a "water wise" approach for home gardeners. ***Julie's bio under A.M. Session 2A*

A.M. Session 3, 11:00-11:55am continued

3B) No Till, No Problem

Kathy T. Johnson & Kathy R. Johnson

Learn how to transition to growing vegetables and fruit without tilling the soil. This time-saving organic technique will teach you how to reduce your effort controlling weeds while increasing your garden productivity, build up your soil's health, and save your back.

Kathy T. has been a Master Gardener for 10 years and gave away her tiller several years back. Her gardens are for the insects & birds. Kathy R. has been a Master Gardener since 2015. Her main interest is in any type of garden plant that you can eat, (i.e. fruits or veggies), or drink (i.e. hops or wine grapes). She had a very small CSA for five years after retiring. Kathy R. is most interested in canning and preserving and cooking with what she grows.

3C) What's Wrong with My Hosta? *Cheryl Holmes*

Come and learn what could be causing the hosta leaves to become tattered and brown and why the plant is losing vigor. Class will look at virus x, nematodes, slugs, spring frost, deer damage, and fairy rings. Determine how these issues affect the hosta plant and what to about the problems.

Cheryl is a Master Gardener for Anoka County, but her expertise in gardening comes with years of experience. Her perennial garden, at this time, has greater than 250 varieties of hostas. She has gardened all her life in both vegetable and perennial gardens. Some of her fondest childhood memories are being in the vegetable garden with her mother and harvesting gigantic carrots and beets. Cheryl has been a member of Anoka Garden Club for more than 20 years.

3D) Everything Herbs! — *Chef Aric Miech*

Chef Aric will be demonstrating pesto, chimichurri sauce, and herb butter. We'll be covering such topics as infused oils, dressings, marinades and personal herb blends. Aric will discuss freezing and drying techniques to preserve fresh herbs. Also, don't forget the drinks. We'll sample the creations at the end of class.

Seasoned local chef with a passion for culinary excellence. Focused on creating vibrant, intricate flavors with high quality, fresh ingredients, for the enjoyment of guests. As a chef who has been classically trained with experience in ultra-fine dining environments, every dish Aric creates is created with infinite layers of flavor and love.

P.M. Session 4, 12:45-1:45 pm

4A) Garden Insects: Friends & Foes *Marissa Schuh*

Minnesota is the land of 10,000 lakes and even more bugs! Some of these insects are bystanders, some are pests, and some are a gardener's greatest ally. Learn the basics of bug ID and broad strategies for coping with garden pests.

Marissa Schuh is a horticulture IPM Extension Educator with UMN Extension. She works with produce growers and master gardeners to troubleshoot issues, as well as develop relevant, timely educational content and programming. She has experience working with specialty crop growers on insect, disease, nutritional, weed, food safety, and regulatory issues.

4B) Non-Native Invasive Earthworms 101: From the Nightcrawler to the Jumping Worm

Ryan Hueffmeier—description and bio on next page

Class Descriptions

P.M. Session 4, 12:45-1:45 pm continued

Through this presentation we will discuss what makes most earthworms invasive species in North America. We will start the discussion with European earthworms (ex: Nightcrawlers) and how they got here, what their impacts are and what we can do. We will then move to Asian earthworms (ex: Jumping worms) the latest invasive worm to arrive in the region. Found in garden beds, mulch and compost piles they represent a threat to the health of our managed and wild landscapes. We will learn how to identify the differences between the 2 groups and how you can participate in documenting them across the landscape.

Ryan Hueffmeier is a research, outreach, and education specialist with active projects in forest and landscape ecology and invasive species. He is the Program Director at Boulder Lake Environmental Learning Center in Duluth, MN which runs programs for over 4,000 people and has over 10,500 visitors annually. He works towards the transfer of scientific knowledge from evidence based research to the public through creating accessible outreach programs.

4C) Ornamental Grasses for Sun or Shade — Dennis Zerwas, Jr.

In this presentation, Dennis will share the benefits of featuring ornamental grasses in your home landscape. Whether you're working with sun or shade, he'll highlight the 'usual suspects' you're likely to find offered in local garden centers, as well as some lesser known varieties that add color and nearly year-round interest to your garden. Come learn why the ornamental grasses trend continues to grow!

***Dennis's bio under A.M. Session 2C*



4D) How to Win the War of Planting Under Trees — Kim Sullivan

Why is it so hard to grow grass or anything that's not hosta under trees? Shade is a mysterious beast. In this class we'll talk about the different kinds of shade, what it is about trees that makes them difficult, and what plants, including grasses and flowering perennials, will do well under trees. **Kim's bio under A.M. Session 1C*

4E) Everything Herbs!

Chef Aric Miech

Same as A.M. Session 3D

P.M. Session 5, 2:00-2:55 pm

5A) 80 Years of Minnesotan Ecology: An Update from Cedar Creek

Caitlin Barale Potter, Ph. D.



Minnesota is the birthplace of ecosystem ecology, wildlife radio telemetry and biodiversity research, and scientific work at Cedar Creek Ecosystem Science

P.M. Session 5, 2:00-2:55 pm continued

Reserve in East Bethel, which continues to shape our understanding of the world we live in. 2022 is the 80th anniversary of Cedar Creek's charter, and provides an opportunity to look both backwards at the reserve's legacy and forwards into the future of field ecology. This session will provide an overview of Cedar Creek's past, present and upcoming research projects - from food webs to oak wilt, and prescribed burning to restoration. This talk will give folks who haven't heard about Cedar Creek a peek into our legacy, while also providing something new for old friends.

Caitlin Barale Potter is the Education and Community Engagement Coordinator at Cedar Creek Ecosystem Science Reserve. Her background is in wildlife ecology, and she holds a B.S. in Wildlife, Fish and Conservation Biology as well as a masters and Ph.D. in ecology and evolutionary biology. She studied wildlife and animal behavior all over the world (mostly monkeys in Ethiopia) before finding her passion doing environmental education!

5B) One is the Loneliest Number, Unless You Are a Native Bee

Bruce Galer, PG MCWP

The Minnesota Department of Natural Resources estimates there are 466 species of bees that call Minnesota home. While the 27 species of bumblebees and nonnative honeybees get much of the press, the 400-plus other species of native bees can also be important pollinators in native and home landscapes. Bruce will identify many of the more frequently observed groups of native bees, discuss how they can be important to landscapes and gardens, dispel common myths, and present strategies to improve habitat to attract native bees to your own back yard.

Bruce is a Master Gardener and Master Naturalist based in Sherburne County. He is employed with Stantec, where he is a Senior Scientist and manages environmental permitting of energy and mining projects and provides technical expertise for wetlands, threatened and endangered species, migratory birds, and pollinators. Bruce has a B.A. in geology from the University of Minnesota at Morris and is licensed as a Professional Geologist and a Certified Wetland Professional in Minnesota.

5C) Beeswax Luminary

Ping Honzay

Create a beeswax luminary – a unique, decorative item or gift. Bowl-shaped with the natural color and scent of beeswax, the luminary can be used as is or with a tealight candle or small light inside to illuminate the beeswax. You'll learn more about honey bees and beeswax Attendee & Materials fee: \$15 per person, max 10 attendees.

Ping joined the MN Landscape Arboretum in 2016 as an educator at the newly opened Tashjian Bee and Pollinator Discovery Center, developing and delivering education programs and maintaining the Center's honey bee hives. She is thrilled for the opportunity to share her passion for bees and the natural world with students and visitors. Prior to the Arboretum, Ping worked at the American Horticultural Society outside of Washington, DC, coordinating garden programs such as the AHS's National Children & Youth Garden Symposium. She has an MS in Natural Resources with a focus in Environmental Education, and a BS in Zoology. Outside of work she enjoys cooking, running, reading, and (as someone who didn't grow up in MN) embracing the Minnesota seasons.



P.M. Session 5, 2:00-2:55 pm continued

5D) How to Make a Kokedama

Jan Welsh

Same as A.M. Session 2D

P.M. Session 6, 3:15-4:10 pm

6A) Intro to Hydroponics

Natalie Hoidal & Amanda Reardon

Hydroponics, or growing plants in water, has become increasingly popular in recent years. This presentation provides a basic overview of hydroponics for people who want to try it themselves, and to prepare Master Gardeners for questions from the public about this style of growing. Learn about the history of hydroponics, how to grow plants successfully in an indoor environment using various hydroponic systems, and how to troubleshoot common problems in hydroponic production systems.

Natalie is an Extension Educator for local foods and vegetable crops with UMN Extension. She supports growers across the state with issues ranging from soil health and nutrient management to pest management. Amanda is a graduate student in the Masters of Professional Studies Horticulture program at the University of Minnesota. She works with Dr. Mary Roger's lab and oversees hydroponics research.

6B) Monarch Conservation and Community Science

Wendy Andberg

Learn about monarch education, conservation, and research. Citizen, or community, stewardship includes an understanding of plants, creatures, monarch and milkweed ecology, threats to migration and ethical dimensions and views regarding human effects on ecosystems management. Additional topics include results of North American conservation efforts, Wendy's experience with data collection and the mistakes she made, and citizen participation in conservation work. She'll also share about her stunning visit to the monarchs' overwintering site in Michoacán, Mexico.

Wendy is a retired university educator and Ph.D. advisor in public policy and administration, and a retired tour business owner-operator who specialized in student musical performance tours. She is an Anoka County Master Gardener (Class of 2020) and Master Naturalist, who has an interest in pollinators and is especially fond of birds—especially hummingbirds, and butterflies—especially monarchs. She gardens in her Ham Lake yard, which contains three species of milkweeds, among other pollinator plants.

6C) Secrets & Shortcuts from Master Gardeners

Jeff Stahmann, Jane Ann Calhoun, & Todd Knowler

This casual roundtable discussion will feature Master Gardener specialists with advanced training in turf, trees, native plants, ornamentals, herbs and vegetables. Come with questions about any topic and learn their secrets and tips!

Jeff, an engineer and scientist by trade, and an avid gardener, has established a 30 acre native prairie in west-central MN. He has been a MG since 2010 and has taught classes on fruits, rooting and vining vegetables, container gardening, early spring gardening and native plants. Todd has been with the MG for over 13 years and specializes in lawns, trees and shrubs. Jane Ann has been a MG for 14 years and has worked in the Green industry for the last 13 years.

Schedule for the Day

ROOMS	A.M. SESSION 1 8:30 - 9:30 A.M.	A.M. SESSION 2 9:45 – 10:40 A.M.	A.M. SESSION 3 11:00-11:55 A.M.
OAK	Beyond Monarchs & Milkweeds: Gardening for MN Butterflies and Moths <i>Kathy Johnson & Eva Knudsen</i>	Edible Landscaping: Blending Beauty with Bounty <i>Julie Weisenhorn</i>	Xeriscaping and Plants for Dry Conditions <i>Julie Weisenhorn</i>
MAPLE	Those Wascally Weeds <i>John Schmidt & Lynne Hagen</i>	Growing Root Vegetables in the Home Garden <i>Kari Martin</i>	No Till, No Problem <i>Kathy T. Johnson & Kathy R. Johnson</i>
TEACHING CENTER	BEE-utiful Lawns <i>Kim Sullivan</i>	Buds to Bugs: Tips for Photographing Your Garden <i>Dennis Zerwas, Jr.</i>	What's Wrong with my Hosta? <i>Cheryl Holmes</i>
ASPEN		How to Make a Kokedama (\$) <i>Jan Welsh</i>	
CEDAR			Everything Herbs! <i>Chef Aric Miech</i>

ROOMS	P.M. SESSION 4 12:45-1:45 P.M.	P.M. SESSION 5 2:00-2:55 P.M.	PM. SESSION 6 3:15-4:10 P.M.
OAK	Garden Insects: Friends and Foes <i>Marissa Schuh</i>	80 Years of Minnesotan Ecology <i>Caitlin Barale Potter, Ph.D.</i>	Intro to Hydroponics <i>Natalie Hoidal & Amanda Reardon</i>
MAPLE	Non-native Invasive Earthworms 101: From the Nightcrawler to the Jumping Worm <i>Ryan Hueffmeier</i>	One is the Loneliest Number, Unless You Are a Native Bee <i>Bruce Galer</i>	Monarch Conservation and Community Science <i>Wendy Andberg</i>
TEACHING CENTER	Ornamental Grasses for Sun or Shade <i>Dennis Zerwas, Jr.</i>	Beeswax Luminary: Gifts from the Hive (\$) <i>Ping Honzay</i>	Master Gardeners Secrets & Shortcuts <i>Jeff Stahmann, Jane Ann Calhoun, and Todd Knowler</i>
ASPEN	How to Win the War of Planting Under Trees <i>Kim Sullivan</i>	How to Make a Kokedama (\$) <i>Jan Welsh</i>	
CEDAR	Everything Herbs! <i>Chef Aric Miech</i>		

(\$) indicates additional materials fees due at registration

Registration fee includes vendor fair, door prizes, coffee, tea & water & session materials. There will be no lunch provided, please bring your own if desired. Class size is limited and will be filled as registrations are received.

No cancellations or refunds after March 23, 2022.

Due to current COVID conditions we are following CDC guidelines and participants are strongly encouraged to wear masks while attending the event. Classrooms will be cleaned between sessions.

ATTENTION: We are planning on having an in-person event in 2022. However, if health & safety concerns or severe weather event make that not possible, we will transition as many sessions as we can to be live, online. Notice and viewing links will be provided to registrants via email. Refunds will not be provided for the virtual event due to speaker and other fees incurred. However, the Kokedama class and the Beeswax Luminary classes will not be virtual and material fees will be refunded.

To maintain public safety during an in-person event, we are requiring participants to choose all classes at the time of registration. Class sizes are reduced, and we are encouraging social distancing while in the classrooms and when visiting vendors. Classes will be filled on a first come, first served basis so we encourage participants to register early to select their top choices. Classes must be selected after payment has been completed. **One registration per person is allowed. If you'd like to register more than one attendee, you must fill out separate registrations with a unique email address for each registration.**

Online registration is highly encouraged. If, for some reason, you are unable to complete the registration online; you are able to register by phone. Contact: jenri001@umn.edu or call 651-480-7732.

If you are experiencing financial hardship, the Anoka County Master Gardeners have limited funds available to cover partial or full registration fees. Unfortunately, we are not able to cover the materials fees for the Beeswax Luminary and Kokedama classes. Please contact Lia Spaniolo at 763-324-3498.

**For event questions, contact:
Lia Spaniolo at spaniolo@umn.edu or 763-324-3498**