



Extension Horticulture
3601 Throckmorton Hall
Manhattan, KS 66506-5507
785-532-6173



Extension Horticulture
3601 Throckmorton Hall
Manhattan, KS 66506-5507
785-532-6173

Dear Extension Master Gardeners:

This program is designed to enhance the learning opportunity for the Kansas counties that have Master Gardener volunteers assisting local Extension programs. You will have a chance to select from a variety of classes, see the K-State campus, the development of the University Gardens, our plant science building, Throckmorton Hall, and meet Master Gardener volunteers from around the state. We will have a visiting keynote speaker and outstanding classes taught by K-State faculty, industry personnel and Master Gardeners.

We hope to see you October 7.

Sincerely,
Ward Upham
Extension Associate
State Master Gardener Coordinator



Advanced Master Gardener Training October 7, 2017

Our Featured Speaker: Dr. Kelly Kindscher

A note from Dr. Kindscher: It's my privilege to have been raised in the prairie bioregion, and also to work with outstanding colleagues and students, with Native American elders, and with members of the public who wish to help preserve our native lands. As a plant ecologist and ethnobotanist, I am immersed daily in the interface between human cultures and the native flora that surround us. I believe that learning about native plants, our use of them and how they affect us can deepen our respect for the variety of human lifeways and our recognition of the richness just beyond our doors.

My work is about plants and people. I very much enjoy working with others and am particularly interested in collaborative projects, both field work and writing.

Keynote Presentation: The Native Medicinal Plant Research Program

This will be an overview of our medicinal plant research program at the University of Kansas. Specifically, this will be a discussion of ethnobotanical research on what Native American tribes used some of our most important plants, and how this traditional knowledge is leading to new discoveries today of compounds and natural products for human health.

1. Best Performing Perennials for Zones 5 & 6: A Blend of New with Tried & True (S): Rita Arnold

Enjoy a great-looking landscape that's not a lot of work to maintain. Pick the right plants, then sit back and enjoy a yard that's filled with color all season long. We've pulled together some of the best perennials for the Midwest. Use these old-fashioned favorites, as well as new introductions in your garden for the best-looking yard in your area!

2 & 3. Basic Landscape Plant Propagation (S): Dr. Cheryl Boyer

Interested in learning to propagate your favorite landscape plants? This session will cover the basics of seed and vegetative propagation of ornamental landscape plants. From how to cut a plant or collect seed to timing, rooting hormones, and needed equipment/tools...you'll have what you need to get started. Prior to class, submit your requests for species to be featured in class to crboyer@ksu.edu.

4. Winter Gardening Without a Greenhouse (L): Bob Broyles

We will explore the multitude of options for organic gardening through the winter in Kansas - without the use of any heat source other than the sun! We will explore micro climates - both natural and artificial, and ways that you can optimize your micro climates to produce fresh greens and root crops all winter long. We will consider various construction options, from simple structures constructed in an afternoon to some more detailed structures that may require a weekend or two. And, most

importantly, we will discuss varieties of veggies that have been bred to thrive in the long cold and low light levels of a Kansas winter. All are welcome, from those who have never thought of harvesting fresh veggies from the garden in January to those with some experience under your belt! Let's get together and share ideas on this topic.

5. Is There Such a Thing As An "Organic" Pesticide? (S): Dr. Raymond Cloyd

In this presentation, Raymond will dis-spell the myths and misconceptions associated with "organic" pesticides. The presentation will discuss, in detail, the pesticides that are considered "organic" and their characteristics including: insect and mite pest activity, persistence, and safety to humans and other organisms (pets and pollinators).

6. Raising Butterflies for Educational Displays and Demonstrations (L): Jackie Goetz and Team

The first half will be a slide presentation by Jackie Goetz on rearing techniques, etc. The second half will include hands-on species instruction from Johnson County Gardening for Wildlife Habitat committee members. (\$5 additional fee to cover book)

7: Small Trees for Small Landscapes (S): Dr. Jason Griffin
Is your landscape too small for the majestic oak? You're not alone. Small ornamental trees are a necessary feature of almost every landscape yet they are in short supply. Lets discuss the

merits of some popular and maybe some unknown species.

8 & 9. Common Turfgrass Weeds: Identification and Control (S): Dr. Jared Hoyle

This class will be an active approach to weed identification in turfgrass systems. Students will identify live specimens in a natural field setting. Once identified the class will then be presented information pertaining to control options in home lawns situations. Weed control options presented will include cultural and chemical methods.

10. Echinacea: Herbal Medicine with a Wild History (S): Dr. Kelly Kindscher

Echinacea has been and is the most important native medicinal plant in Kansas. It has health benefits, and four species grow wild in Kansas and these species and varieties should even be more widely used in gardens and cultivated for medicine.

11 & 12. Using Native Plants in the Ornamental Garden (S): Lenora Larson

A well-chosen and maintained native plant can be as beautiful as any fancy hybrid. Even better, they thrive in our clay soil, roller-coaster winter temperatures and the blast-furnace winds of summer. They also evolved with our native fauna to provide essential food and shelter. However, there are many myths, starting with “Plant natives for a no-maintenance garden.” And neighbors and bureaucrats often object to the typical native plant garden because most people are used to seeing orderly specimens stuck in a sea of lawn. This power point presentation will dispel the myths and focus on how to install or convert to a native landscape that pleases the plants, the gardener and their neighbors.

13 & 14. Hostas - America's Most Popular Perennial (S): Rob Mortko

Everything you ever wanted to know about hostas in 75 minutes or less: taxonomy, species, care/cultivation, pest/diseases/ viruses, propagation, what's new, and what's popular.

15. Ornamental Campus Disease Walk (S): Judy O'Mara

Enjoy the fall weather and take a walk around the K-State campus. We will look at common landscape problems and talk

about how to do problem solving on-site. This is a fun class for new Master Gardener and for those who work the hotline.

16. Hydrangeas for the Garden (S): Dennis Patton

Hydrangeas make a bold and showy statement in the landscape. There are several species of this popular plant that can grace a garden. Learn which species are most adaptive to the garden and how to be successful in Kansas gardens.

17. Children's Gardening (S): Pam Paulsen

In this class we will look at gardening and nature activities and curriculum that can be used to teach youth both in and out of the classroom.

- The “S” after the class title signifies a “short” class (1.25 hours) and an “L” means a 3 hour class
-
- **“Limit” is maximum allowed to take the class. If you want to increase your chances of getting a class that is repeated, mark it as your first choice on both time periods. We will do our best to get you in and insure you are not placed in the same class twice.

Plants Available: We will again be offering plants to Master Gardeners. There are no set prices but a bucket for donations will be provided. The plants are located in Greenhouse 102C.

The entrance to the greenhouse is from the second floor of Throckmorton Hall to the north. We will have signs that will point you to the greenhouse as well as to the correct bay, 102C, inside the greenhouse. The plants will be available from 4:30 to 5:30 pm on Saturday, October 7.

Registration and General Information

YOUR REGISTRATION MATERIALS FOR THE CONFERENCE MUST BE RECEIVED BY SEPTEMBER 4, 2017. THIS INCLUDES THE REGISTRATION FORM AND THE CLASS SIGN-UP SHEET.

The \$80 conference fee includes refreshment breaks on Saturday morning and afternoon.

Registration will take place Saturday morning from 8–9 a.m. outside Forum Hall in the K-State Union.

A full refund, less a \$15 administrative fee, will be available if notification of cancellation is received by Kansas State University Conferences and Noncredit Programs by 5 p.m. on Friday, September 15, 2017. Fees will not be cancelled if you do not attend and do not notify the conference registration office by the cancellation deadline. To cancel your registration, or for other registration questions, please call 1-800-432-8222 or (785) 532-5569 between 8 a.m. and 5 p.m. Monday through Friday, or email registration@k-state.edu.

You may register in one of these ways:

Online: Go to <http://www.global.k-state.edu/master-gardener>

By Mail: send completed forms, along with your payment, purchase order number, or credit card information, to the address listed on the registration form

By Fax: fax completed forms, along with credit card information or purchase order number, to (785) 532-2422

In Person: bring completed forms, along with payment, to the address listed on the registration form between 8 a.m. and 5 p.m., Monday through Friday.

Parking: Parking on campus is free on the weekend. If you wish to park in the parking garage, next to the K-State Union, you will be responsible for payment. The fee is \$1.50 per hour.

Special Assistance

A participant with a disability who needs accommodations or who has special dietary requirements should indicate services needed at the time of registration. If you have questions or need additional information, please contact Brandi Nelson, conference coordinator, at nelsonbm@k-state.edu or call 785-532-2546 or 800-432-8222. Notification by September 16 is requested to ensure accommodations can be provided in a timely manner.

Notice of Nondiscrimination

Kansas State University is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, military status, veteran status, or other non-merit reasons, in admissions, educational programs or activities and employment, including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of

the Rehabilitation Act of 1973, the Age Discrimination Act Discrimination Act of 1975, and the Americans With Disabilities Act of 1990, has been delegated to the Director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, (Phone) 785-532-6220; (TTY) 785-532-4807.

Location and Parking

Forum Hall in the K-State Union will be the location for the keynote on Saturday. Breakout sessions will be held at Throckmorton Hall.

Pre-Conference Shopping

Manhattan has two nurseries that Master Gardeners may be interested in visiting.

Blueville Nursery: Full service nursery with garden center. 4539 Anderson Avenue, <http://www.bluevillennursery.com/>

Horticultural Services: Full service nursery with garden center. 8460 East Highway 24, <http://www.hortservinc.com/>

2017 Conference Schedule

Saturday, October 7		
8 to 9 a.m.	Registration	K-State Union, Outside Forum Hall
9 to 10:15 a.m.	Keynote	K-State Union, Forum Hall
10:45 a.m. to noon	Classes	Throckmorton Hall
Noon to 1:15 p.m.	Lunch	On your own
1:30 p.m. to 2:45 p.m.	Classes	Throckmorton Hall
3:15 p.m. to 4:30 p.m.	Classes	Throckmorton Hall

Advanced Master Gardener State Training Conference
Saturday, October 7
 Register online at <http://www.global.k-state.edu/master-gardener>
 (Please print or type all information.)

Class Registration Form
2017 Advanced Master Gardener Training
Saturday, October 7, 2017

FIRST NAME _____ LAST NAME _____
 STREET ADDRESS _____
 CITY _____ COUNTY _____ ZIP CODE+4 _____
 DAYTIME PHONE _____ MOBILE PHONE _____
 FAX _____ E-MAIL _____

REGISTRATION OPTIONS

Conference
 includes refreshment breaks, and conference materials \$80 \$ _____
 Additional fee for those taking "Raising Butterflies" class \$5 \$ _____
 Total \$ _____

PAYMENT METHOD

___ Check (payable to Kansas State University)
 ___ Purchase Order (P.O. # _____)
 ___ Credit Card (indicate type) ___ MasterCard ___ VISA ___ American Express ___ Discover
 _____ CVV (on back of card) _____
 Card Number _____ Print Cardholder's Name _____

 Signature _____ Expiration Date _____

___ I REQUIRE special assistance (Please indicate nature of disability here) _____
 ___ Initial here if you **DO NOT** wish your name to appear on the participant roster for this program

Please return this form with payment or purchase order number by **September 4, 2017** to: Fax to: (785) 532-2422

Master Gardener State Conference
 K-State Global Campus
 Kansas State University
 1615 Anderson Avenue, Suite 161
 Manhattan, KS 66502

Make sure you fill out the class registration form on the back of this sheet

Name: _____

County Master Gardener Program: _____

1. All classes will be assigned when registration is received on a first-come, first-served basis.
2. You will receive a printout of your class schedule after the end of the registration period but before you arrive in Manhattan.
3. Certain classes may have limited registration based on room size or support material limitations.
4. Any class with fewer than 5 participants will not be offered and participants assigned to an alternative choice class.

Select 1st, 2nd and 3rd choice class choices for each class period. Remember that long classes use both early & late class times.
Refer to class times on Class Schedule sheet. Place the number of the class you wish to take in the form below.
Note: Once class assignments are made, it is very difficult to re-adjust a class schedule without a great deal of time and effort. If you did not get your class choices, many classes may be repeated in future years.

2017 Advanced Master Gardener Class Schedule

	9-10:15	10:45-12	1:30-2:45	3:15-4:30
1st Choice	Medicinal Plants			
2nd Choice				
3rd Choice				

Saturday 9 - 10:15 am	Saturday 10:45 - noon	Saturday 1:30 - 2:45 pm	Saturday 3:15 - 4:30 pm
Keynote: The Native Medicinal Plant Research Program	2. Basic Plant Propagation	1. Best Performing Perennials	12. Using Native Plants...
	5. Is There Such a Thing...	3. Basic Plant Propagation	14. Hostas
	7. Small Trees for Small Landscapes	4. Winter Gardening Without a Greenhouse	
	8. Common Turfgrass Weeds	6. Raising Butterflies	
	10: Echinacea	9. Common Turfgrass Weeds	17. Children's Gardening
	15. Ornamental Campus Disease Walk	11. Using Native Plants...	
	16. Hydrangeas for the Garden	13. Hostas	