

NJAES Office of Continuing Professional Education
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Name _____
E-mail **REQUIRED** _____
Mailing Address _____

Zip _____ City _____ State _____
Work# _____ Home# _____
Fax# _____ Cell # _____

41st Annual Home Gardeners School
Course Code: AH0201CA17

Nonprofit Organization
US Postage
PAID
New Brunswick, NJ
Permit No. 153

Please select your preferences by SESSION # (as listed on grid):

1st choice _____ 2nd choice _____ 3rd choice _____
9:00-10:30am _____
10:45-11:45am _____
1:15 - 2:15pm _____
2:30 - 4:00pm _____

Please check all that apply:

- \$60 registration fee (on/before March 10) \$75 registration fee (after March 10)
- \$55 Master Gardener (before March 10 - include copy of certificate with registration)
- \$10 additional fee (Session # 18 only) \$35 additional fee (Session #27 only)
- \$10 box lunch Tuna Turkey Ham Roast Beef Vegetarian

Method of Payment

- Check Money Order Authorized Purchase Order # _____

Proof of payment MUST be presented with this form to process your registration, payable to:

Rutgers, The State University of New Jersey

By Mail: Registration Desk, NJAES Office of Continuing Professional Education, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519.

By Fax: 732-932-8726. Please include copy of payment; original payment must be mailed.

- Credit Card - VISA, MasterCard, AMEX, and Discover accepted. Visit our website - www.cpe.rutgers.edu/HGS - and click the "REGISTER ONLINE" button.

FOR ASSISTANCE WITH YOUR REGISTRATION, CALL 848-932-9271, option 2.

YES, I want to be informed about courses and related information through periodic messages from Rutgers via: (check all that apply) email fax

We will never sell, rent or exchange your contact information with a 3rd party. To unsubscribe and be removed from our list, contact us at ocpe@njaes.rutgers.edu or by fax 732.932.1187 or phone 848.932.9271, option 3.



**19
NEW
TOPICS
IN 2017!**

41st Annual Home Gardeners School



**March
18th
2017**



RUTGERS

Office of Continuing Professional Education



The **Home Gardeners School** provides expert instruction in the most innovative gardening and landscaping subjects available!

Designed to provide “something for everyone,” the **Home Gardeners School** offers 37 individual workshop sessions covering a wide array of horticulture topics. This format allows you to select the workshops that are most relevant to your gardening interests in order to create your own unique, customized schedule for this fun day of learning.

There are two morning workshop sessions (running 9am-10:30am and 10:45am-11:45am). Next there is a one hour lunch break and keynote presentation. Two afternoon workshop sessions (running from 1:15pm-2:15pm and 2:30pm-4:00pm) conclude the day.

Speakers from our commercial horticulture and landscape design programs will be participating along with Rutgers Cooperative Extension (RCE) and School of Environmental and Biological Sciences (SEBS) faculty and staff, providing you with the opportunity to learn from the best in the business.

These experts will teach you about landscape design, common problems and solutions, annuals, perennials, vegetables, bees, pruning, best management practices, and a whole host of other practical topics designed to prepare you and your garden for the spring and beyond.

And don't forget to visit our book and plant sale for great take-aways!

9am to 10:30am

1. NEW! How to Build a Fire Pit: DEMONSTRATION WORKSHOP

Robert Belleck, Owner, Lily Pad Ponds, LLC

This workshop will show you different types of fire pits, from pre-form to natural stone to “masoned” brick, and everything you will need to build them. We will talk about solutions for ash buildup as well as safety and choosing the best location.

2. NEW! Annuals for All Locations

Ira Grasgreen, Eason Horticultural Resources

Sun, shade, hot, cool, wet, or dry ... annuals are the workhorse in the garden. We will highlight new varieties, and feature those that shine in both your landscape and containers.

REGISTRATION: Admission will be on a first-come, first-served basis. Register early to ensure your preferred workshop selection. If registering by mail or fax, please list your top three choices for each of the four listed time periods in case your first selection is full.

Workshop sessions are held in two buildings, requiring a short walk across a foot bridge. If you prefer to remain in one building for all workshops, please contact a member of our Registration Unit at 848-932-9271, Option 2 to discuss.

PARKING: Please park your car in the Douglass Parking Deck. If you require handicapped parking, please call 848-932-9271, Option 2 to reserve a handicapped parking space at Hickman Hall.

ARRIVAL: Check-in activities will take place in Hickman Hall between 8am - 9am. You will receive room assignments for selected workshops upon arrival.

MEALS: Breakfast is not provided; however, there will be coffee/tea available. An optional box lunch will be available for \$10.00. To order, include payment with your registration and mark the appropriate space on the registration form. ***Please indicate your sandwich preference.***

Lunch will be served in the courtyard of Hickman Hall. There are no local food courts at this facility, but you are also welcome to bring your own bag lunch.

CONFIRMATIONS/DIRECTIONS WILL BE SENT VIA EMAIL ONLY.

- CONTACT INFORMATION -

Senior Program Coordinator

Dalynn Knigge, knigge@rutgers.edu, 848-932-7315

Administrative Assistant

Karen Tizzano, ktizzano@njaes.rutgers.edu, 848-932-7483

Payment Policy: All students must have prearranged for payment to be admitted to the class.

Cancellation & Substitution Policy: Registrants may withdraw in writing from a class up to (3) three full working days before a course begins and receive a full refund, less any materials fee or as otherwise noted on the course webpage. If the Office of Continuing Professional Education is not notified in writing at least three working days prior to the start of class, registrants may be responsible for the full fee. ***Substitutions are permitted.***

Accommodations for Individuals with Disabilities: If you require special assistance, please notify our office when you register or no less than one week before the course starts. Every effort will be made to accommodate reasonable requests.



32. **NEW!** Getting Your Garden Started: A Guide for NJ and NY Gardeners

Vincent A. Simeone, Garden Writer/Lecturer/Horticultural Consultant

This lecture will offer the instructor's top picks for plants that will thrive in this area's winter cold, soils, coastal conditions, urban living and other unique growing conditions. The information presented is practical and concise and will guarantee success for novice gardeners.

33. **Beekeeping: 101**

Robert Hughes, Beekeeping Specialist, Past President NJ Beekeepers Association

Welcome to the interesting world of bees and their benefits! Discussions will include life inside a colony, products that can be derived from an active hive, benefits to your garden, and plants that will attract them.

34. **NEW!** Rejuvenating the Tired Landscape

Bruce Crawford, Director, Rutgers Gardens

Has your garden become rather lackluster in appearance? Is there something missing, but you simply cannot put your finger on what specifically needs your help? We will cover a range of topics including planting design, patios, and even water features that will not only rekindle your passion for your garden, but will also enhance the value of your home!

35. **Establishing and Maintaining Your Lawn**

Pedro Perdomo, Registration Specialist, Nisso America, LLC

A must for turfgrass (lawn care) enthusiasts! Learn the basic management practices used to prepare and maintain a healthy lawn all spring and summer long. Topics to be covered will include fertilization, dethatching, seed selection and more.

36. **Revised!** Hostas for Garden Texture

Walter Cullerton, Penn State Master Gardener

Take a journey into the wonderful world of hostas, the number one selling perennial (according to American Nurseryman magazine). In this workshop, discover hostas of every size, color and leaf shape as well as "visit" gardens in the East, Midwest, South and Northwest.

37. **NEW!** Natural Solutions from Your Herb Garden

Caren White, Master Gardener, Middlesex; Herb Consultant, The Rutgers Gardens

Herbs are good for more than cooking. Learn how you can use them around the house, in your garden and even for personal grooming.

3. **Easy Drip Irrigation for Your Garden**

Bob Dobson, Middletown Sprinkler Company

Drip irrigation is the most efficient way to water a garden and easy to install. Learn the basics to grow a bumper crop and conserve water at the same time.

4. **NEW!** Growing Lean Mean Greens and Other Vegetables Naturally For a Healthy Diet

Bill Hlubik, Agricultural & Resource Management Agent, RCE, Middlesex County

In this informative lecture, learn about some of the best vegetables to grow in your garden to improve your health, and how to grow them naturally with less input of pesticides or fertilizers.

5. "What Plant, Where?" Planning Your Home Landscape

Peter Mahony, Landscape Architect

Avoid costly mistakes! This workshop will help you develop a game plan for arranging plants to create an attractive, functional landscape.

6. **NEW!** Design and Care Techniques for Perennials

Bruce Crawford, Director, The Rutgers Gardens

To the unknowing, a perennial represents a care-free plant that once planted, will come back year after year and create an amazing garden. In reality, a perennial garden or mixed border requires thought in order to get the impact that you typically see in magazines. Come learn some of the simple tricks that you can employ to create a successful garden that changes gracefully from season to season.

7. **Composting: As the Worm Turns**

Virginia Lamb, Environmental Educator

Learn how to create and produce the soil amendments your garden craves ... right out of your own kitchen! Take your love for gardening a step beyond and turn waste into your best friend. Learn which kitchen scraps are acceptable and what waste additions would be beneficial for great compost.

8. **NEW!** Introduction to Plant ID

Ted Szczawinski, Certified Tree Expert; Adjunct Instructor, Rutgers Newark

Focus on the techniques used to identify plants, trees and shrubs. Learn how to unlock clues found in the bark, the fruit, the leaves, the flowers and more.

9. **Canning Fruits and Vegetables**

Daryl Minch, Family & Community Health Sciences, RCE, Somerset County

Sandra Greci, Family & Community Health Sciences, RCE, Hunterdon County

This workshop will introduce the best practices for successful canning of fruits and vegetables. Various techniques and common mistakes will be demonstrated.



10:45am to 11:45am

10. NEW! Think Outside the Window Box: Creative Container Ideas

Kirsten Soriano, Landscape Designer

Container gardening is an excellent way to add art and creativity to your home and garden, no matter what the size. This class will inspire you with creative design ideas as well as practical advice on soils, plants and maintenance throughout the garden.

11. NEW! A Japanese Touch for Your Garden

Judy Glattstein, Garden Consultant

More than just grouping a rock, a lantern, and a pine tree, Japanese garden style is refined and elegant. Explore the seasonal aspects of the Japanese garden, discuss how water and stone are employed to suggest the natural landscape, and investigate ideas for adapting these elements to your own landscape and garden objectives.

12. NEW! Going Organic in the Landscape without a Safety Net

Bill Hlubik, Agricultural & Resource Management Agent, RCE, Middlesex County

This class will review how to landscape organically based on RCE's successful Organic Landscaping Program. Bill will discuss best management practices and the latest disease resistant plants to keep pests under control naturally.

13. Great Soil, Great Gardens PART 1: Basic Soil Science

Dr. Karen Plumley, Instructor, Lecturer

The 'foundation' of a great garden is the soil. While most people would never dream of building a house on a flimsy foundation, many people put in extraordinary effort to plant gardens on foundations that can't support them. Learn about soil basics and why soil 'ain't just dirt,' so you can begin building the garden of your dreams. *(Learn great soil tips in the PM - Workshop #23!)*

14. NEW! Backyard Beneficials:

Designing Your Landscape to Attract the "Good Guys!"

Steve Rettke, RCE, IPM Coordinator

Learn an alternative approach to controlling insects and pests in your garden by implementing the practice of Integrated Pest Management. We will discuss the philosophy behind IPM along with monitoring and strategy techniques. We will also touch upon degree day models, improving soil health, creative ways to remove unwanted pests, and more!

15. Early Spring Vegetable Gardening

Virginia Lamb, Environmental Educator

Does the long winter find you craving fresh vegetables? Now is the perfect time to start your spring garden. It's easy and it can be done in a variety of ways and spaces, from beds to containers. You can start right away and will be eating homegrown peas, kale, lettuces and mesclun in May!

25. NEW! Introduction to Permaculture

Kevin J. Murphy, Director, Surveying/Program Manager, DW Smith Associates, LLC

What is permaculture? Come learn about the history, the prime directive, three basic ethics, concepts and themes, and methods of design!

26. NEW! Dealing with Climate Change in Your Landscape

Kim Eierman, Horticulture Consultant, Kim's Native Landscape Consulting

Climate change is here and impacting our landscapes – increased flooding, frequent droughts, extreme weather events and increasing temperatures. Plants you choose can reduce the impacts of climate change and improve the environment.

27. NEW! Dwarf Conifers and Other Ornamentals: Their Use in Landscape

Greg Wolek, Owner, Wolek Garden Design

Learn how to use and implement dwarf conifers and other ornamentals in small spaces such as entry ways to homes. The discussion will also include how to select and maintain specimens that winter over in above the ground planters, and how to pair plants on the basis of color, form and texture to create a biodiverse display.

28. NEW! Plant JEOPARDY!

Game Host: Steve Kristoph, Owner, Steven Kristoph Nurseries

Based on the hit TV game show, contestants working in small groups will compete for top plant prizes. The format is exactly the same as what you're familiar with; regular jeopardy, double jeopardy and final jeopardy...we even have the lock-out buzzer system allowing the group who knows the answer fastest to get first dibs on scoring. *Sign up & have some fun! 16 person limit.*

2:30pm to 4pm

29. Fresh Flower Arranging: HANDS-ON

Anthony Baradhi, Floral Designer, Flower Station - Somerset/Princeton, NJ

Learn how to make and decorate your home with fresh flowers. Basic techniques for flower arranging will be demonstrated. You will take home the beautiful arrangement that you make in class. Please bring floral clippers (and gloves, if you prefer) to class with you. *(Add'l fee, \$35pp) 25 person limit.*

30. NEW! The History of Deer and the NJ Gardener

Bruce Neary, Owner/Operator, BCN Horticulture, LLC

Learn how this modern pest issue evolved, and how we are to blame for their over-population! Included is a history of the white-tailed deer's population flux, biology and behavior characteristics, the effect its over-abundance is having on the natural environment, and methods for dealing with this 'loved and hated' creature!

31. Made for the Shade

Judy Glattstein, Garden Consultant

Perennials, annuals, bulbs and shrubs provide the palette. As trees leaf out, flowers fade and elegant foliage provides options from subtle to showy ... create results for shade gardens from casual and country, to sophisticated and formal.

1:15pm to 2:15pm

19. Repotting and Maintaining Orchids: HANDS-ON

Nicki Graf, Research Farm Supervisor III, Rutgers University, Floriculture Greenhouse
Learn the DO's and DON'Ts of potting and repotting orchids. Hands-on demonstrations will also highlight how to mount on bark and wood mediums. *(Add'l fee, \$10pp) 25 person limit.*

20. Using the Internet to Answer Your Gardening Questions

Ken Karamichael, Director, RCE - Continuing Professional Education
Learn creative ways to explore online resources to enhance your garden design and beauty. Expand your plant knowledge and acquire 'lightning fast' search skills.

21. Backyard Chickens

Judy Glattstein, Garden Consultant
One simple step up from a vegetable garden, backyard chickens are easy and fun to keep. We will discuss how to start right with chickens, everything from selecting a breed for eggs, meat, or show, and how to house from chicken coops to chicken tractors. Learn what to feed, and all sorts of fun details about caring for your birds.

22. Revised! Pairing Wine with Food

Steve Csontos, Grower/Vintner
This program's objective is to help you develop your own personal appreciation of wine based on the foods you enjoy. We will use wine/food pairing as a strategy to explore the most popular varieties of wine.

23. Great Soil, Great Gardens PART 2: 10 Tips for Great Soil

Dr. Karen Plumley, Instructor, Lecturer
Proper soil evaluation can be mastered at any skill level. It won't break the bank, and will likely save you money in the long run in the form of healthier, more attractive plants. We will review 10 concrete steps that you can take to improve your garden soil starting this spring! *(Learn soil basics in the AM - Workshop #13!)*

24. NEW! Native Plants for Native Pollinators

Bruce Crawford, Director, The Rutgers Gardens
There has been a tremendous resurgence for native plants. Yes, these plants provide both attractive floral and foliar additions to the garden, but they also provide food through pollen, nectar or foliage that will support our native insect and animal populations. We will highlight numerous beauties that will enhance your garden while sustaining our natural environment!



16. NEW! Native Trees for Small Spaces

Kim Eierman, Horticulture Consultant, Kim's Native Landscape Consulting
Even with limited space, you can still plant beautifully and ecologically with a wide array of small native trees. Learn which choices are most suitable for your region and that will also provide important ecological services including: nectar, pollen, fruit, seeds, nuts, berries, cover and bird nesting sites.

17. Freezing Techniques for Fruits, Vegetables and Herbs

Daryl Minch, Family & Community Health Sciences, RCE, Somerset County
Sandra Greci, Family & Community Health Sciences, RCE, Hunterdon County
Do you want to freeze produce to enjoy all year? This workshop will cover equipment, techniques and good safety measures to ensure high quality frozen produce. You'll also learn about making freezer jam!

18. NEW! Plant JEOPARDY!

Game Host: Steve Kristoph, Owner, Steven Kristoph Nurseries
Based on the hit TV game show, contestants working in small groups will compete for top plant prizes. The format is exactly the same as what you're familiar with; regular jeopardy, double jeopardy and final jeopardy...we even have the lock-out buzzer system allowing the group who knows the answer fastest to get first dibs on scoring. *Sign up & have some fun! 16 person limit.*

12pm to 1pm - LUNCHEON KEYNOTE

Exploring NJ Climate Variability and Change

Dr. David Robinson, Professor, Department of Geography, New Jersey State Climatologist, Rutgers University
New Jersey has recently experienced some of its wettest and warmest years in over 120 years of observations, along with a number of extreme weather events. This is similar to what is being seen globally, and can be attributed to significant human influences that are amplifying natural climate variations. This presentation will discuss this situation, including what may lie ahead to challenge NJ gardeners in the years to come.



Join us on Saturday, March 18th for our 41st Annual Home Gardeners School!

8am		COFFEE/TEA and REGISTRATION								
9am to 10:30am	NEW! How to Build a Fire Pit (1)	NEW! Annuals for all Locations (2)	Easy Drip Irrigation for Your Garden (3)	NEW! Growing Lean Mean Greens and Other Veggies Naturally for a Health Diet (4)	"What Plant, Where?" Planning Your Home Landscape (5)	NEW! Design and Care Techniques for Perennials (6)	Composting: As the Worm Turns (7)	NEW! Introduction to Plant ID (8)	Canning Fruits and Vegetables (9)	
10:45am to 11:45am		NEW! Think Outside the Window Box: Creative Container Ideas (10)	NEW! A Japanese Touch for your Garden (11)	NEW! Going Organic in the Landscape (12)	Great Soil, Great Gardens PART ONE: Basic Soil Science (13)	NEW! Backyard Beneficials: Designing Your Landscape to Attract the "Good Guys!" (14)	Early Spring Vegetable Gardening (15)	NEW! Native Trees for Small Spaces (16)	Freezing Techniques for Fruits, Vegetables and Herbs (17)	NEW! Plant JEOPARDY! (18)
12pm		LUNCHEON KEYNOTE: Exploring NJ Climate Variability and Change, Dr. David Robinson, NJ State Climatologist								
1:15pm to 2:15pm	Repotting and Maintaining Orchids (Additional fee, \$10) (19)	Using the Internet to Answer Your Gardening Questions (20)	Backyard Chickens (21)	Revised! Pairing Wine with Food (22)	Great Soil, Great Gardens PART TWO: 10 Tips to Great Soil (23)	NEW! Native Plants for Native Pollinators (24)	NEW! Introduction to Permaculture (25)	NEW! Dealing with Climate Change in your Landscape (26)	NEW! Dwarf Conifers & Other Dwarf Ornamentals: Their Use in the Landscape (27)	NEW! Plant JEOPARDY! (28)
2:30pm to 4pm	Fresh Flower Arranging (Additional fee, \$35) (29)	NEW! The History of Deer and the NJ Gardener (30)	Made for the Shade (31)	NEW! Getting Your Garden Started: A Guide for NJ and NY Gardeners (32)	Beekeeping 101 (33)	NEW! Rejuvenating the Tired Landscape (34)	Establishing and Maintaining Your Lawn (35)	Revised! Hostas for Garden Texture (36)	NEW! Natural Solutions from Your Herb Garden (37)	

NEW FOR 2017! This year, we are asking **Home Gardeners School attendees** to help us feed **New Jersey families!** By donating non-perishable food through **Rutgers Against Hunger** (a university-wide initiative working to address the issues of hunger across the state), you can help us make a world of difference to those in need! **Bring your donation of canned or boxed food items to the RAH table (look for the green collection bins) at Home Gardeners School,** and we'll get your food to New Brunswick families in need. Thank you in advance for your generosity!