



AUTUMN 1993/Center for Urban Horticulture/Washington Park Arboretum/College of Forest Resources/University of Washington/Vol. 10, No. 4

CENTER NEWS

GONZALEZ ARRIVES

Assistant Professor Rico Gonzalez arrived in mid-June to begin serving on the CUH faculty. He is preparing to teach UW courses in landscape plant management and in landscape plant recognition, to advise graduate students, and to take leadership in our undergraduate major in urban forestry. Within the next few years his research will be conspicuous on the CUH grounds, as he studies the effects of various urban stresses on plant performance.

OZONE RESEARCH AT CUH

Dr. Kyung Lee, visiting faculty from Seoul National University in Korea, has just completed his research here on the effects of ozone pollution on tree health. Ozone at the levels found in heavily polluted cities can quickly damage some poplars, but red maples, as demonstrated by his research, appear relatively immune. Evidently, we should be thankful that red maple is our most common street tree in Seattle!

Other research by Dr. Lee demonstrates that phosphorus in the soil can decrease ozone damage, possibly by

improving a plant's general vigor and disease-resistance. Dr. Lee performed his research in the Douglas Research Conservatory.

FARMER, RICH GRADUATE

Two of our students graduated with master's degrees at the end of the spring quarter, and their work represents the breadth of study ongoing here at CUH. Jenkins Farmer research found that the learning significance of a fourth-grade student field trip to the Arboretum is increased markedly by a follow-up activity in the classroom. Lauren Rich helped the Suquamish tribe devise a plan to monitor water quality in their Doe-Kaq-Wats wetland. Lauren, who studied with Assistant Professor Kern Ewing, continues to work with local Native Americans on wetland issues. Jenkins, who studied with Professor John Wott, is now working on developing a garden master plan and education program at the Riverbanks Zoo & Botanic Garden in Columbia, South Carolina.

COOPERATION WITH TREEMENDOUS SEATTLE

The Center is beginning what promises to be a long relationship with TreeMendous Seattle, a volunteer group dedicated to the health of the urban forest in the Seattle area. The

Center's Union Bay nursery is one of several holding areas for tree seedlings maintained by TreeMendous for use in tree planting projects in parks and other urban sites.

HOSTA GROUP FORMING

Enthusiasts are invited to participate in a newly forming Seattle Chapter of the American Hosta Association. If you would like more information, contact Hugo or Karen Engel at (206) 486-6919.

VOLUNTEER NEWS

Volunteer news will now appear in each issue of this newsletter. We will provide updates and notifications of upcoming events for all CUH/WPA volunteers.

We will also share astounding facts. For instance, did you know that in 1992, CUH/WPA volunteers gave nearly 12,000 hours of service?

Over 50 volunteers, staff and students enjoyed a day-long expedition to the Padilla Bay National Estuarine Research Reserve on June 25. Sun, mudflats, shore birds, and an interesting program by Reserve staff made it a fun and educational outing for everyone in attendance.

Rich Macdonald is the new volunteer representative and Tracy Omar, WPA Registrar, is the newest staff representative to the Volunteer Management Task Force. They join continuing members Fran Uyeda, Fred Hoyt, and Val Easton. If you have questions, concerns or suggestions regarding volunteer programs, please contact anyone on the Task Force.

The Center for Urban Horticulture is committed to excellence in research, teaching and public service in urban horticulture.

ARBORETUM NEWS

TIME TO TALK

Join Director of Arboreta John Wott for informal chats about developments at the Arboretum. Fall dates are October 6, November 10, and December 1, Noon to 1 p.m. Questions, concerns? Bring your sack lunch and find out *Wott's Going On!*

ARBORETUM TALES

Join us as staff and friends of the Arboretum share tales of travels during the noon hour at the Graham Visitors Center. Fall dates are October 19 and November 16. Bring your sack lunch and enjoy highlights of garden tours, research travels and other fun and interesting adventures!

GRAHAM VISITORS CENTER

The Graham Visitors Center (GVC) and the Arboretum Foundation Gift Shop are open weekdays from 10 a.m. to 4 p.m., and from Noon to 4 p.m. on weekends.

SUNDAYS AT ONE (1 p.m.)

Arboretum Guides lead FREE tours every Sunday highlighting plants of seasonal interest. Departs from GVC.

MASTER GARDENERS

Master Gardeners from Washington State University will be at the GVC every Sunday from Noon to 4 p.m. to answer gardening questions.

SPECIAL TOURS

Special tours for school classes, garden clubs and other interested groups can be arranged with three weeks' advance notice.

LIBRARY NEWS

Library Hours: Mondays, 9 a.m. to 8 p.m.; Tuesdays through Fridays, 9 a.m. to 5 p.m. The library and CUH will be closed November 11, 25, 26, and December 24.

The Library will be open Monday evenings September through June, thanks to a grant from the Northwest Horticultural Society. Master Gardeners will continue their Monday evening Washington Garden Clinic.

Recent library gifts received include \$500 each from Mrs. Constance McCord and Robert C. Franklin. Gifts of \$5000 each were received from both Winlock Miller and Carey Miller, sons of Elisabeth C. Miller. Thanks to these donors for their generosity in supporting library programs/materials.

Long-time volunteer Susan Smith has accepted a job with the Pike Place Market Foundation. Susan has been an invaluable helper in the library since its inception. We thank her for her extensive help and wish her the best in her new job.

REGISTRATION FORM

Urban Horticulture Courses

COURSE	FEE	STUDENT NAME(S)	TOTAL
			\$

CHECK ENCLOSED FOR \$ _____

Checks payable to University of Washington. No bank cards. Registrations filled in order received. Limited class enrollment; classes fill rapidly, so register early. Portion of fee may cover refreshments and speaker expenses.

Refunds: Requests must be in writing or in person. Requests received 7 days or less from first class meeting have a \$3.00 handling fee deducted. No refunds after the first class meeting.

NAME _____ Phone: Day _____ Evening _____

ADDRESS _____
Street City State ZIP Code

Mail payment and registration to:
 Urban Horticulture Courses, GF-15
 University of Washington
 Seattle, Washington 98195

To request disability accommodation contact the Office of the ADA Coordinator, at least ten days in advance of an event: 543-6450 (voice) 543-6452 (TDD); 685-3885 (FAX) access@u.washington.edu (E-mail)

ARBORETUM FOUNDATION NEWS

Call the Arboretum Foundation at 325-4510 for more information about:

FALL BULB SALE

Beautiful bulbs, winter-flowering wonders, and more will be available at the Graham Visitors Center (GVC) on October 3, from 11 a.m. to 5 p.m., and October 4, 10 a.m. to Noon.

GREENS GALORE

The Greens Galore sale will be held December 4, 10 a.m. to 4 p.m., at the GVC. Buy a variety of exotic greens, cones, and other items for holiday decorating- or the finished decorations!

NORTHWEST HORTICULTURAL SOCIETY NEWS

Call the NHS office at 527-1794 for information on the following events:

FALL LECTURES: Several fall lectures and special events are being planned. For information about upcoming educational events, or information on joining NHS, please call the office between 9 a.m. and 5 p.m., Monday through Friday.

UNIVERSITY BROWN BAG GARDEN TALKS

General interest gardening talks for University faculty, staff, students.

FREE. 12:10 to 12:50 p.m.

FALL COLOR WALK

October 6

Meet at the Red Square entrance to Suzzallo Library.

CUH graduate student Joanna Beitel leads this campus walk highlighting interesting trees and shrubs for fall color. Learn how and why color develops, and find out which plants will work well in your own yard.

MAKING GARDEN POTPOURRI

October 20; Anderson Hall, Room 22

Judy Evans shares tips and tricks for creating potpourri with Northwest garden plants. Come savor the samples, watch Judy's demonstration, and learn how to enjoy your garden year-round.

HOLIDAY PLANT IDEAS

November 3; Anderson Hall, Room 22

Whether giving or receiving, it's important to know how to care for that holiday plant. Dana Kelly, CUH graduate student, shares tips on how to care for cyclamen, amaryllis, and other popular plants.

FIELD GUIDE TO THE CITY

November 17; Anderson Hall, Room 22

Discover the city as a series of unique ecosystems. CUH graduate student Bill Kleindl illustrates how urban trees can be viewed as a forest, yards as prairies, and buildings as planting substrates. Experience this botanical overthrow of your view of Seattle!

PUBLIC EDUCATION STAFF:
Dave Stockdale, Public Education Coordinator
Jean Robins, Public Education Program Assistant
Rebecca Johnson, CUH Building Services Coordinator
Anita Drake, Public Education Intern, Colorado State University

Telephones:
CUH- (206) 685-2692
WPA (206) 543-8800

October 1993

CALENDAR OF EVENTS

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			9/22/93, 12:10 p.m., CUH Ecological Research at CUH	9/30/93, 6:30 p.m.* Spring Bulb Display	1	9 a.m.* Elements of Bonsai 9 a.m.* Ornamental Grasses
11 a.m. WPA Fall Bulb Sale 1 p.m. WPA Sundays at One Tour	10 a.m. WPA Fall Bulb Sale	5	Noon WPA Wott's Going On? 12:10 p.m., UW Fall Color Walk 7 p.m.* Creating Fall & Winter Containers	7	8	Noon to 8 p.m., CUH* Mushroom Exhibit
10 a.m. to 6 p.m., CUH* Mushroom Exhibit 1 p.m. WPA Sundays at One Tour	6 p.m. CUH Association for Women in Landscaping 7 p.m. CUH Orchid Society	11	7:30 p.m. CUH Puget Sound Mycological Society	13	14	9 a.m.* Elements of Bonsai Perennials Symposium
1 p.m. WPA Sundays at One Tour 2 p.m. CUH Cascade Cactus & Succulent Society	7 p.m. CUH* Desert in Bloom	18	Noon WPA Arboretum Tales	20	21	9 a.m.* Elements of Bonsai
1 p.m. WPA Sundays at One Tour	7 p.m. CUH Puget Sound Bonsai Association	25	6 p.m. CUH Association for Women in Landscaping	27	28	9 a.m.* Elements of Bonsai
1 p.m. WPA Sundays at One Tour						

November 1993

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	7:30 p.m. CUH Iris Society	2	12:10 p.m. HUB Holiday Plant Ideas	4	5	10 a.m. CUH Fall Fruit Show Noon WPA Master Gardeners
11 a.m. CUH Fall Fruit Show 1 p.m. WPA Sundays at One Tour	7 p.m. CUH Orchid Society	8	7:30 p.m. CUH* Companion Ericaceous Plants Noon WPA Wott's Going On?	10	11	9 a.m.* Elements of Bonsai Noon WPA Master Gardeners
1 p.m. WPA Sundays at One Tour		15	Noon WPA Arboretum Tales	17	18	9 a.m.* Elements of Bonsai Noon WPA Master Gardeners
1 p.m. WPA Sundays at One Tour 2 p.m. CUH Cascade Cactus & Succulent Society	7 p.m. CUH Puget Sound Bonsai Association	22	6 p.m. CUH Association for Women in Landscaping	24	25	Noon WPA Master Gardeners
1 p.m. WPA Sundays at One Tour		29				

December 1993

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Noon, WPA Wott's Going On?	2	3	9 a.m.* Plant Propagation 10 a.m., WPA Greens Galore
1 p.m. WPA Sundays at One Tour	6:30 p.m.* Holiday Wreaths 7 p.m.* Tree & Shrub Management 7:30 p.m. CUH Iris Society	7 p.m.* Tree & Shrub Management	7 p.m. CUH Plant Amnesty	8	9	9 a.m.* Plant Propagation
1 p.m. WPA Sundays at One Tour	7 p.m. CUH Orchid Society	13	7:30 p.m. CUH Puget Sound Mycological Society	15	16	18
1 p.m. WPA Sundays at One Tour 2 p.m. CUH Cascade Cactus & Succulent Society		20	Noon WPA Arboretum Tales	22	23	24

CUH = Center for Urban Horticulture
WPA = Washington Park Arboretum

☼ = Master Gardener Clinic,
Noon-4 p.m., WPA

☐ = Washington Garden Clinic,
4-8 p.m., CUH

HUB = Husky Union Building
* = Fee

PUBLIC LECTURE SERIES

Parking at CUH is in a University parking lot; students are responsible for their own \$1.50 parking fees. Purchase tickets (quarters only) in the red ticket spitters in the parking lots.

LUNCH TIME GARDEN TALKS

Informal talks/walks at the Center for Urban Horticulture.

**12:10 to 12:50 p.m., CUH
FREE**

ECOLOGICAL RESEARCH AT CUH

September 22

The land around CUH has been used in many ways—for everything from a city dump to student housing. This sensitive area is currently the focus of research on the control of invasive species, restoration techniques, and other topics. Join Center students and staff for this walking tour and learn more about what's going on in the Ecological Research Area.

URBAN HORTICULTURE UPDATE

October 27

Just what is the science of Urban Horticulture and where is it heading? Join Professor Harold B. Tukey, Jr., as he talks about the interactions of plants and people in the urban environment. Many institutions nation-wide have recently initiated urban horticulture research and teaching programs; learn about these programs and progress from other areas.

PLANT ENTHUSIAST

Regional experts present in-depth lectures on specific plant groups.

**7:30 to 8:30 p.m., CUH
\$2, payable at the door**

COMPANION ERICACEOUS PLANTS

November 10

In the Northwest, we love our rhododendrons. But we often overlook some other desirable members of their family that can really enhance the home landscape. Art Dome discusses an interesting array of ericaceous plants, including some for shade and some for sun, some for damp places and others for dry spots. There is more beyond rhodies than just heaths and heathers!

PLANTS AND GARDENS OF THE WORLD

Unique combination of travelogue, and plant information.

DESERT IN BLOOM: Plants and Gardens of Arizona

**October 18, 7 to 9 p.m., CUH
\$5, payable at the door**

Earlier this year, 25 adventuresome Northwesterners joined CUH staff on a garden tour of Arizona. Come learn about unique desert flora and share their tour experience as presented by Tracy Omar and Dave Stockdale.

Sites include the Arizona-Sonora Desert Museum, Saguaro National Monument, Tucson Botanical Gardens, Tohono Chul Park, Boyce Thompson Arboretum, Desert Botanical Garden, Biosphere II, and more! See the desert in bloom—this October!

MASTER GARDENER LECTURES

Practical gardening information for everyone, as presented by WSU Master Gardeners.

**7:30 to 8:30 p.m., CUH
\$2, payable at the door**

LANDSCAPE RENOVATION FOR HOMEOWNERS

October 21

It's time to do something about those overgrown shrubs, crowded flower beds, and tangled tree branches. Learn how to prioritize needs and begin renovating your existing landscape with Master Gardener Cass Turnbull.

SMALL FRUITS & BERRIES

November 19

Learn how to plant, maintain, protect and harvest a variety of small fruits and berries easily grown in your home garden. Master Gardeners share tips on everything from cherries to berries!

URBAN HORTICULTURE COURSES

Pre-registration is required for all CUH Courses and Tours.

Each course is offered only once, but may be conducted over several class periods on different days. Note "Dates & Times" listings for each course.

PLANNING YOUR SPRING BULB DISPLAY

The pleasures of a spring bulb display begin with the design and installation of your garden this fall. Learn which bulbs to select, how to plant and care for them, and how to incorporate your bulb display into your existing landscape. Ideas for extending this display throughout the seasons with other types of bulbs will be presented.

Date & Time: September 30, 6:30 to 9 p.m.

Instructor: Mary Robson

Fee: \$17

SELECTING & USING ORNAMENTAL GRASSES

Ornamental grasses introduce an element of elegance into the home landscape. They can provide interesting texture, form, movement and color. Learn which grasses perform best in our area, how to incorporate them into your landscape, and how to keep them healthy and attractive. Following a short slide lecture, enjoy a field trip to a nearby site to learn more about these engaging landscape plants.

Date & Time: October 2, 9 a.m. to Noon

Instructor: Eric Nelson

Fee: \$19, transportation not included.

ELEMENTS OF BONSAI

Explore the unique art and science of bonsai in this combined demonstration and hands-on course. Explore different bonsai styles, discuss cultural concerns, and refine your training techniques as you work on specimens from home. Instructor is current President of the American Bonsai Association.

Dates & Times: Six-part course; October 2, 16, 23, 30, November 13, 20, 9 to 11 a.m. each day. Optional field trip to local nursery to learn how to select plant materials on October 9.

Instructor: Jane Nelson

Fee: \$55

CREATING FALL & WINTER CONTAINERS

Discover how to design and plant colorful, long lasting containers that will provide interest from fall through spring. Learn about container and soil medium selection, winter care, and other seasonal concerns. Course includes demonstration of assembling several styles of containers.

Date & Time: October 6, 7 to 9 p.m.

Instructor: Peggy Campbell

Fee: \$15

PLANT PROPAGATION

Have fun and save money—learn to propagate plants at home. Begin with lectures on propagation by seed, cutting, layering, and division. Then participate in a hands-on lab learning to propagate by seed. Learn tricks that mother nature never intended for you to know and start next year off by growing your own transplants at home.

Dates & Times: Two-part course; December 4 & 11, 9 a.m. to Noon each day.

Instructor: Scott Vergara

Fee: \$29

TREE & SHRUB MANAGEMENT FOR HOME LANDSCAPES

Decision making is the hardest part of gardening. Learn about tree and shrub management from an expert. Study when to prune and train, how and when to fertilize, efficient water management, plant selection, planting techniques, pest management, and more in this comprehensive course. Develop a management schedule and take the guess work out of landscape gardening.

Dates & Times: Two-part course; December 6 & 7, 7 to 9:30 p.m. each night.

Instructor: Ciscoe Morris

Fee: \$27

HOLIDAY WREATHS

Celebrate the holidays with a wreath made of fresh fir, cedar, holly, pine and other more exotic natural items, and a decorative bow. Easy to follow instructions enable each student to construct a unique holiday wreath to take home or present as a gift. All materials provided (but you may bring additional specialty or keepsake items from home).

Date & Time: December 6, 6:30 to 9 p.m.

Instructor: Dave Stockdale

Fee: \$25



A PLACE FOR PERENNIALS

1993 PERENNIALS SYMPOSIUM

FEATURED TOPICS & SPEAKERS

COTTAGE GARDEN DESIGN

PHILLIP WATSON, of Fredericksburg, Virginia, is known as a pioneer of modern garden design. He will present his new ideas on cottage garden design detailed for year-round interest. Watson's collection garden was featured in the May, 1993, issue of *Horticulture* and was recently televised on *The Victory Garden*.

FALL COLOR PERENNIALS

BILL HEILSCHER, owner of Morning Glory Farms in Stanwood, Washington, will discuss the opportunity to diversify and extend color in your garden with late summer through fall season blooming perennials.

A NORTHWEST GARDEN EXPERIENCE

Join Seattle Landscape Designers GLENN WITHEY & CHARLES PRICE as they share their experiences of designing and developing Northwest gardens. Topics will include the extraordinary detailed garden planted at a local private residence and the process of designing the perennial border at the Bellevue Botanical garden.

LOW-WATER USE PERENNIALS

Improve your understanding of gardening with low-water use perennials. In his second presentation, BILL HEILSCHER will discuss topics such as proper soil preparation and selections of drought tolerant perennials for the Northwest.

PERENNIALS FOR CONSIDERATION

To conclude, PHILLIP WATSON will highlight unusual perennials found in similar temperate zones much like that of the Northwest. His slides will depict perennials from South Africa, South America, and Southern Europe.

Saturday, October 16
8:30 a.m. - 4 p.m.; Pre-registration required
\$ 45, includes lunch



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College of Forest Resources
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