UCDAVIS L RBORETUM REVIEW

THE NEW FRONT YARD LOW WATER SUMMER BLOOMS—LET THE FEAST BEGIN!

Ellen Zagory, Director of Horticulture

DROUGHT AND THE INCREASING COST OF

WATER are driving many people to look for lowwater alternatives to conventional landscaping. Fortunately there are plants, especially California natives, that flower during the long, hot summer but require little or no summer irrigation.

Buckwheats are favorites because of their tolerance of summer drought and long season of summer bloom. *Eriogonum fasciculatum*, the California buckwheat, is an easy sun-lover with clusters of creamy-white flowers loaded with nectar and pollen, beloved by a variety of pollinating insects. *Eriogonum giganteum*, the giant buckwheat, is true to its name, attaining shrubsized proportions with whitish leaves and large, flat flower clusters.

Salvia apiana, white sage, actually seems to prefer no summer irrigation after it is established. It can be awkward when young, but over time results in a lovely white-foliaged shrub crowned by long arches of white flowers in spring and early summer.

Two other native plants that can survive without irrigation also provide food for the larvae of native butterflies. *Aristolochia californica*, the California pipevine, is the host plant for the pipevine swallowtail, a large black butterfly with iridescent blue hindwings. Milkweeds (*Asclepias fascicularis, Asclepias speciosa*) are full-sun, nowater local natives and hosts to the threatened monarch butterfly. Scientists attempting to support devastated monarch populations are calling on gardeners to try and find a place for these plants if possible.



To support native bees and other pollinators we recommend a goldenrod selection we named *Solidago californica* 'Cascade Creek'. Better behaved than the wild type, it will reward you with compact golden flower clusters from summer into fall. Pair it with the orange-red blooms of California fuchsia (*Epilobium canum* varieties) and your garden will be the talk of the neighborhood!

Non-native plants that have a long summer bloom and tolerate infrequent irrigation include the ornamental oreganos, especially the rosypurple *Origanum* 'Hopley's.' The lavender-purple daisies of long-blooming *Aster* × *frikartii* 'Monch' attract a fascinating variety of flying creatures.

Despite heat and drought, the diligent gardener can provide habitat and food for native creatures. You can add movement to your garden in the flight of a gorgeous butterfly or a jewel-like iridescent bee. It's better than watching the nature channel!

Fall PLANT SALES

Arboretum Teaching Nursery Garrod Drive, UC Davis arboretum.ucdavis.edu

Saturday OCTOBER 11

9 - 11 AM members only

11 AM - 1 PM public sale

Not a member? Join at the door!

Saturday OCTOBER 25

9 AM - 1 PM public sale

TIPS FOR SUCCESS IN THE SUMMER GARDEN

1. MULCH, MULCH, MULCH.

Add a thick layer of wood chips or other organic material to insulate the soil, reduce water loss through evaporation, keep roots cooler, suppress weeds, and reduce soil compaction.

2. **ELIMINATE WEEDS** before they have a chance to go to seed. "One year of seeds, seven years of weeds," says Warren Roberts.

3. DEADHEAD PERENNIALS

to extend bloom. When your catmint, Santa Barbara daisies, asters, and other perennials stop blooming and start going to seed, shear them back and apply a shot of water. Usually this will result in renewed bloom. This also works on California poppies.

4. PLAN TO ADD SUMMER-DORMANT BULBS in fall. This will add seasonal color

without increasing your water use.

- 5. CONSIDER REPLACING THE THIRSTIEST PLANTS with water-saving varieties this fall. Plan to plant in fall to take advantage of fall and winter rains and cooler temperatures to help plants get established.
- 6. SAVE WATER. Maintain and repair your irrigation system, eliminating any leaks or overspray. Look into converting to low-flow heads or drip irrigation. Irrigate in the evening and early morning to prevent water loss to evaporation. Irrigate deeply and less frequently. Watering your lawn less frequently will slow its growth and reduce the need for mowing.

7. REMEMBER TO WATER SHADE TREES even if you stop watering your lawn.

STAFF AND STUDENT NEWS

LEIGH HIURA & ERIN McLACHLAN AWARDED PINKERTON PRIZE



Pinkerton Prize winners Leigh Hiura (left) and Erin McLachlan recently had a chance to meet with Deb Pinkerton, Bret Hewitt and their daughter Qing Yue.

WE ARE VERY EXCITED TO HONOR TWO REMARK-ABLE STUDENT LEADERS

with this year's Pinkerton Prize for Outstanding Student Contributions to the Arboretum: Leigh Hiura and Erin McLachlan, co-coordinators of the Arboretum Ambassadors environmental leadership internship program.

The Pinkerton Prize Endowment was created by Deborah Pinkerton, who worked as a student

Edible Landscape Internship

Edible landscape interns sold vegetable

employee in environmental education from 1979 to 1985. She and her husband, Bret Hewitt, continue to add to this endowment in support of our exceptional students.

Leigh and Erin have led the Ambassadors this year in creating and presenting a variety of exciting public education and service programs. Their shared leadership of the Ambassadors has been built on their complementary strengths—their creativity, enthusiasm, imagination, cooperation, motivation, and generosity. Each truly is an outstanding leader!

STUDENTS EXCEL IN LEARNING BY LEADING PROGRAM

IN 2013-14, OUR STAFF WAS FORTUNATE TO MEN-

TOR 13 student employees and 40 undergraduate interns through the Learning by Leading program. Here are some of their amazing accomplishments:

- Gardening with Native Plants interns designed plantings, installed irrigation, and planted over 1,000 native plants and bulbs.
- Nursery and Propagation interns grew over 3,000 plants for our plant sales and our Valley-Wise horticulture program.
- GIS Collections Mapping interns surveyed and mapped over 1,500 plants in the Desert, Acacia, and South African collections, providing essential support for our research and conservation efforts.
- efforts.
 Edible Landscaping interns developed and enhanced seven educational gardens across campus and donated the food grown. They raised over \$3,500 in donations and sales. Coordinator Arianna Kosel was named one of three UC Davis Student Employees of the Year.
- Arboretum Ambassadors won the UC Davis Community Service Gold Award and a federal President's Volunteer Service Award for 1,800 hours donated to create inspiring, free public programs.

Thank you to our incredible students, and congratulations! In addition, we thank all of this year's Annual Appeal donors who contributed \$19,800 to support Learning by Leading students in 2014-15.

FRIENDS NEWS

WE'VE GOT A NEW NAME: FRIENDS OF THE UC DAVIS ARBORETUM AND PUBLIC GARDEN

IMAGINE IF THE ARBORETUM COULD REACH OVER ITS BORDERS and

influence landscapes across campus with its sustainable gardening expertise and innovative educational programs. That's exactly what's been happening since 2011, when the Arboretum, campus Grounds and Landscape Services and the Putah Creek Reserve merged into a single operating unit. Arboretum Director Kathleen Socolofsky was tapped by campus leaders to head this new unit, named the UC Davis Arboretum and Public Garden.

Evidence of the integration is popping up in projects all over campus within the framework of the UC Davis GATEways Project. Examples include the Animal Sciences GATEway Garden, created in partnership with the Animal Science Department, and the La Rue median conversion, which replaced turf with sustainable plantings that significantly decrease care and water requirements but upped the "wow factor" for passing motorists.

As one more step in this evolution, the Friends of the UC Davis Arboretum Board voted in February to officially change the name of their organization to Friends of the UC Davis Arboretum and Public Garden. Board Co-President Martha Ozonoff, says: "We believe this name change is important as a symbol of the solidarity of the Friends group with the mission and scope of the wonderful organization we support." Gifts and memberships in the Friends will continue to help fund the Arboretum, in strategic ways, in addition to now supporting other exciting public garden projects across campus. The new Friends name and an updated logo will be transitioned into all print and digital communications over the next year.

THANK YOU TO MARTHA OZONOFF AND NANCY SHAPIRO



MARTHA OZONOFF AND NANCY SHAPIRO

WILL STEP ASIDE from the Co-President role they share on the Friends Board as of June 30. Director Kathleen Socolofsky remarked, "Martha and Nancy have been incredible in leading the Friends to new levels of involvement and support. They exemplify community volunteers at their best: inspiring, dedicated and engaged. We are so grateful for all they have done as Co-Presidents."

Martha was first elected to the Board in 1999, become Vice-President in 2003 and President in 2009. A fundraising professional, she has strengthened relationships with Arboretum supporters, volunteers, and donors. Nancy joined the Board in 2009 and in 2010 joined Martha as Co-President. Nancy is an accomplished metalsmith and has been instrumental in developing the Arboretum jewelry collection as a new fundraising endeavor.

As evidence of the strength of the Friends organization under Martha and Nancy's leadership, last year the Friends contributed over \$300,000 to the Arboretum to support the gardens and public programs. Thank you Martha, Nancy, and the entire Friends organization!

NEW FRIENDS BOARD PRESIDENT

WE ARE PLEASED TO INTRODUCE MARTHA

REHRMAN as the new President of the Friends of the UC Davis Arboretum and Public Garden Board effective July 1.



Martha became involved with the Ar-

boretum when a neighbor recommended it as a wonderful place to volunteer. She thought it might be a good fit for her husband Fred who retired from farming and loved working outdoors. She and Fred gave it a whirl together six years ago, and both were hooked by the engaging staff, friendly volunteers, enjoyable atmosphere and rewarding work; they've been regulars on a weekly gardening volunteer team and at plant sales ever since.

Martha was elected to join the Friends Board in 2011 as a member at large. The talents and experience Martha brings to the Board include 22 years working at UC Davis handling event planning and public relations and six years of volunteer service on the Friends of Mondavi Board.

Martha looks forward to working with her fellow Board members to create a dynamic calendar of events and activities to thank and engage donors, members and volunteers who support the Arboretum's programs. She says about her new role, "It is a pleasure to be part of a leadership team supporting the wonderful mission and efforts of the Arboretum and Public Garden staff."

2014-15 BOARD

THE FRIENDS OF THE UC DAVIS ARBORETUM BOARD IS PLEASED TO ANNOUNCE its line-up

of officers for the 2014-15 board year, which starts July 1: Martha Rehrman, president; Ernie Lewis, vice president; Ann Filmer, secretary; Terry Davison, treasurer. Nancy Shapiro will continue on the Board as a member at large after leaving the co-president position, and Lois Crowe will continue her service on the board as member at large. In addition, Christina Craig-Veit, Kristi Davis, Shirley Maus and Warren Roberts have been re-elected to new two-year terms as members at large.







SNAPSHOTS: SPRING GATEWAYS EVENTS

Your membership in and gifts to the Friends of the UC Davis Arboretum help fund these and other educational programs for our community. Thank you!

- 1. From left, Arboretum Ambassadors Kiely Doherty, Alex Stubblefield, Leigh Hiura, and Jonathan Su hand out brightlycolored powdered dyes to participants in our Rang Barsey Celebration of Colors event. The cultural celebration was sponsored by the Indian Graduate Student Association in collaboration with the Arboretum Ambassadors.
- 2. Bat expert Corky Quirk, left, shows visitors live bats at the 3rd annual Wild Family Day, co-sponsored by student conservation organization Wild Campus and the Arboretum. Wild Campus students arranged a wide variety of exhibits at the Gazebo featuring birds, insects, mammals, fish, reptiles, amphibians, and plants.
- 3. From left, poet and musician Heera Kulkarni and poet and UC Davis Ph.D. candidate Kenya Mitchell read from their work at our spring Poetry in the Garden event, organized by Arboretum volunteer Rebecca Moos.
- 4. Inspired by the Arboretum's heritage valley oaks and entitled "I am Quercus," the bike tunnel mural, east of the California Native Plant GATEway Garden, was developed and painted by volunteers under the guiding hand of master community muralist Caryl Yasko.
- 5. Students in UC Davis professors Ann Savageau and Bob Morgan's Design class display their solar-powered light sculpture created from recycled plastic bottles, one of 24 sustainable light fixtures exhibited on the trellis in the new California Native Plant GATEway Garden.
- 6. Arboretum Ambassador Jonathan Su (center back) helps children and their parents tie rubber bands on their ecofriendly, tie-dye projects. The Ambassadors led the plant-based, tie-dye workshop near the Arboretum Gazebo this spring.
- 7. Arboretum Ambassadors and friends gathered at the start of the 100th annual Picnic Day Parade in April. The crowds loved having their photos taken with the Ambassadors' new "Instagram" frame!



EMILY GRISWOLD RECEIVES CHANCELLOR'S STAR AWARD

This year, Chancellor Linda Katehi created a new STAR Award to recognize staff members who have made significant contributions to UC Davis in areas such as fostering a bold and innovative spirit, partnering in economic development, and promoting community. We are thrilled that Emily Griswold, our Director of GATEways Horticulture and Teaching Gardens, was one of 11 people to receive this first-ever recognition for her tireless work to grow and care for the Arboretum's collections and develop new gardens in collaboration with academic and community partners. Emily helped raise over \$1.5 million to build the new California Native Plant GATEway Garden and restore the Putah Creek Parkway with native plants. According to Chancellor Katehi, "The inaugural winners epitomize the excellence of our staff and their commitment to this institution." Congratulations, Emily!

Chancellor Linda Katehi and Emily Griswold at the inaugural STAR Awards ceremony



SUMMER 2014 GATEWAYS EVENTS

GUIDED TOURS

No charge, no reservation required

PLANTING WITH NATIVES

Sunday, July 20, 10 a.m. Buehler Alumni & Visitors Center

Native plants make beautiful and water-conserving additions to home gardens. Get ideas of what natives to add to your landscape, plus tips on when and how to plant them, on this walking tour of the Mary Wattis Brown garden.

SUCCULENTS THAT SIZZLE

Saturday, August 2, 10 a.m., Arboretum Gazebo

Need plants for your garden that can take the heat? Try succulents! They will surprise you with their diversity and beauty, even in mid-summer.



WHAT'S UP WITH PLANTS DOWN UNDER?

Saturday, August 16, 10 a.m., Wyatt Deck

What a difference a hemisphere makes! Explore the unusual and interesting plants in the Australian and New Zealand collection at the east end of the Arboretum. Many of these plants grow well in our climate.

FAMILY NATURE PROGRAMS

BUTTERFLY ECOLOGY TALK & TOUR

Sunday, September 14, 11 a.m., Trellis at California Native Plant GATEway Garden (new garden at east end)

Join naturalist Steve Daubert and explore the ecology and evolution of butterflies, as we tour the new garden. Learn how the Arboretum functions as a butterfly preserve. All ages are welcome.

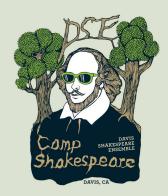


ARTS AND LETTERS

FOLK MUSIC JAM SESSIONS

Alternate Fridays: July 18; August 1, 15, 29; September 12, 26 12–1 p.m., Wyatt Deck

Folk musicians bring their acoustic instruments—fiddles, guitars, banjos, mandolins, squeeze boxes, you name it—and play together informally over the lunch hour. All skill levels are welcome and listeners are invited.



CAMP SHAKESPEARE

Join the Davis Shakespeare Ensemble for exciting theater games, acting workshops, and a special camp production. This summer, campers will play clowns, villains, and soldiers in one of Shakespeare's most popular comedies: *Much Ado About Nothing*.

Session 1 will be held at Davis Veterans Memorial Theatre. Sessions 2 and 3 will be held in the Arboretum. All sessions run Monday through Friday, 9 am – 3 pm with options for early drop off and late pick up. For more details and online enrollment, visit www.shakespearedavis.com. SESSION I (AGES 13-17) Davis Veterans Memorial Theatre July 7 - July 18

SESSION 2 (AGES 7-12) July 21 – August 1

SESSION 3 (AGES 7-12) August 4 – August 15

DONATIONS FEBRUARY-APRIL 2014

We extend our sincere gratitude to these donors

We strive to acknowledge your gifts accurately. Please notify us of any corrections.

BIG DAY OF GIVING THANK YOU

Thank you to everyone who gave to the UC Davis Arboretum and Public Garden during our region's 24-hour Big Day of Giving on May 6th! We set a goal of raising \$5,000 from 100 individual donors, but, thanks to the generosity of current and new donors, members, volunteers, and our own staff we raised \$7,487 from 115 donors.

The funds we raised will support our GATEways public education programs, Valley-wise gardening outreach, Learning by Leading initiative, and community volunteer program.

Thank you again to the generous donors and to all of our loyal supporters who give in whichever way they can—with their time, creativity, words of encouragement, and donations.

Christie Johnson

Sarah Robertson

BIG DAY OF GIVING DONORS

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NATURE'S GALLERY

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OAK GROVE DEDICATION Michelle & Randy

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FROM THE DIRECTOR



Dear Friends,

Summer is upon us, and despite a wet spring, California is still experiencing severe drought conditions. But that is no reason not to enjoy a beautiful garden! The Arboretum is full of inspiring examples of water-saving plants that provide summer bloom. Get tips to create your own beautiful summer garden in our continuing "The New Front Yard" series (see pages 1–2).

Did you know that our volunteers donated over 15,000 hours last year? That's the equivalent of nearly 8 full-time staff. Wow! With those numbers it's no wonder that our volunteers are essential partners in co-creating the Arboretum and Public Garden; we simply could not do what we do without their help. Their time and dedication is invaluable to our organization; we cannot thank them enough.

Student employees and interns are a key ingredient in our GATEways programs, translating their classroom studies into innovative visitor learning experiences. Under the Learning by Leading program, we mentored more than 50 outstanding students in 2013-14 (see page 2). We were pleased to award the Pinkerton Prize for Outstanding Student Contributions to the Arboretum to Leigh Hiura and Erin McLachlan, co-coordinators of the Arboretum Ambassadors environmental leadership internship program. Congratulations and thanks to all our wonderful students!

The Friends of the UC Davis Arboretum and Public Garden (note new name) have been creative and energetic partners in our work for more than 40 years. We are so grateful to the Friends for helping us reach our education, conservation, and fiscal goals. On July 1, we welcome a new Friends board (see page 3). We extend our sincere thanks to the outgoing board co-presidents, Martha Ozonoff and Nancy Shapiro, and look forward to collaborating with them in new endeavors.

I particularly want to thank those who donated to the Arboretum during the national Big Day of Giving on May 6 (see page 6). We exceeded our goals and raised nearly \$7,500 to support our gardens and programs. For examples of the outstanding programs our education department offers, which these donations will support, see the photos on page 4.

Enjoy your summer! I hope you will join us for more of our innovative GATEways programs (see calendar, page 5), and I look forward to seeing you out in the gardens.

Best wishes,

Kathleen