

The University of California, Riverside Botanic Gardens UCRDBG Newsletter

Volume 37, Number 4 Winter 2017

Rose Pruning Tips

by Janine Almanzor

Did you know that the rose is our national flower and likely the most popular flower worldwide? Roses are an amazing flower! In the Inland Empire they bloom from April to December, they make a wonderful cut flower, and most of them are scented. The first thing you want to do when you see a rose is to smell it and enjoy the sweet intoxication of the petals. Some smell so good you want to eat them. That wouldn't be bad since they are edible. Roses make a great potpourri and nothing says, "I love you" better than a bouquet of roses. With the huge selection of roses available today there is a rose for almost any garden. Here in the Inland Empire roses thrive and are affected by fewer diseases than in other colder, wetter climates. Many people grow roses but are not sure how to prune them or properly care for them.

The purpose of this article is to give some tips on rose pruning and hopefully convey that pruning roses can be fun and easy and very rewarding. Every January for the past 38 years the UCR Botanic Gardens has held Rose Pruning Demonstrations to instruct home owners how to properly prune roses. This year the demonstration will be



Photo 1. Our national flower; photo by Rachael Harms Mahlandt.

held on **Sunday, January 7, 2018 from 1 – 3 pm**. If it's raining the date will be January 14th. Join us to supplement this article and get your questions answered.

Roses need pruning to promote healthy, new growth. By the end of the year the plants look worn out and leggy, leaves are more prone to disease and turn yellow and drop, and bloom size decreases. In Southern California they will just keep going and going and won't go completely dormant like they do in colder climates. Pruning gives them the break they need to start fresh in the spring.

In Southern California the time to prune roses is January to February. If you live in an area that gets a lot of frost then you should wait until February so the new growth doesn't freeze. This is also the best time to plant or transplant roses since they are dormant and many nurseries carry bare root roses in January. Roses are tough plants and it's pretty hard to kill one, so unless you cut off every cane you won't irreversibly damage your rose bush. Also, you can literally take your chain saw and prune them like they prune the Ragged Robin roses on Victoria Avenue here in Riverside and you'll still get beautiful blooms in spring. Your rose bushes won't be the best looking plants in the garden but they'll survive fine. The methods below will let you get the most enjoyment you can out of your roses.

The first place to start is with the tools (*Photo 2, next page*). Most of the tools needed for pruning are probably already in your tool bag but they may need a little sharpening or lubricating. You want your clippers and pruners to be sharp so you can make good clean cuts and it will be easier on your hands especially if you have a lot of roses to prune. So the first tool you need is a sharpener.

They are inexpensive and can be purchased at your local nursery or hardware store. You will need hand clippers, which should be bypass, as opposed to the anvil type, to avoid smashing the branch, or cane. The blades slide past each other on bypass clippers. You will also need bypass loppers for the larger canes. Good leather gloves that extend up the forearm are key to enjoying the experience. You will hate roses if you attempt pruning without good gloves. The long ones are called gauntlets and cost a little more than regular garden gloves but they are well worth the investment.

The first thing you want to do is know what kind of rose you have. There are many different types of



Photo 2: Tools for pruning roses

roses and some are pruned differently than I will be presenting here. For example, you don't want to prune a climber the same way as a hybrid tea; also, old garden roses (OGR) bloom once a year on old wood so pruning should be done right after they've finished blooming in the spring. I won't be able to cover every type of rose here but will focus on hybrid teas, grandifloras, and floribundas since they seem to be the most common. I find floribundas a little more work to prune because there's more branching. Generally speaking, you

should prune your roses to 18" to 24" but you may need to go shorter or taller depending on the situation. For example, you may have a rose bush that you know gets very tall so you might want to go shorter when pruning it.

If you can easily see the dead or damaged canes, then go ahead and remove them first (*Photo 3*). You may



Photo 3. Removing the dead and damaged canes.

need to remove some of the leaves to help you see the canes, but by this time of year a lot of the leaves have already fallen off. The next step is to remove any canes that are crossing or growing toward the center. Make your cut as close to the base as you can. You want the center clear for good air circulation and sun. Sometimes the rose bush is so full of leaves that you can't see to make cuts. When that's the case, I will begin by cutting all the canes to the height I want before I cut dead wood and crossing canes. Don't start at the tip and do several cuts until you get to the desired height; that is just added work. Try to make one cut per cane right where you want it. Look for a bud that is not facing inward and cut 1/4" above the bud. (Notice I didn't say 'outward facing' bud. One time I religiously only cut at an outward facing

bud and my roses spread out like a giant bowl and were funny looking.) You don't want to leave more of the cane than 1/4" above the bud because what's left will just die back and any dead wood makes it easier for some pests to enter the plant. It also looks ugly having dead stems sticking up all over your plant. The bud is attached at the node in the leaf axil. If you remove the leaf by pulling downward, you will see the bud. You want to cut at a 45° angle away from the bud so water will flow away from the bud and not settle on it (*Photo 4*). Work your way cane by cane through your rose bush. You may need to remove leaves along the way so you can see better. You don't need to seal your cuts with glue because the cane borers are not active this time of year. Once all the canes are cut you can proceed to remove all the leaves. This is because these leaves are old and spent and it's likely they have rust or some other disease on them. You should pull off the leaves, not cut them off, so as to remove all of the leaf.

At this point you're almost done. You should be able to see clearly if there are any more dead or crossing canes (*Photo 5, next page*). You

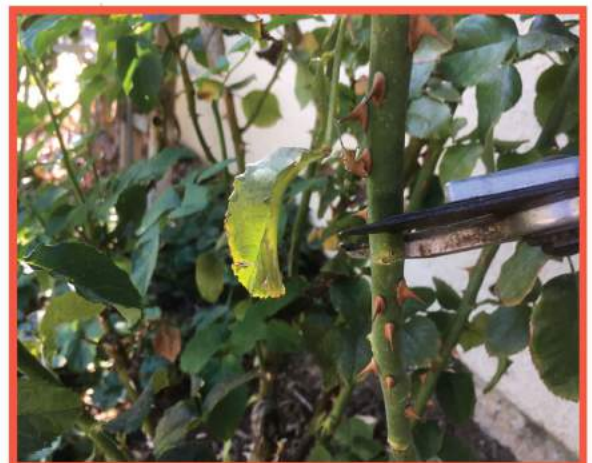


Photo 4. Cutting 45° angle away from the bud.

should also remove any spindly growth. Some people say you should only leave 3-5 healthy canes, but you should prune according to your needs. Leaving 3-5 canes will produce fewer but larger blooms. Leaving more canes will produce fuller plants with a lot of smaller blooms. At the Botanic Gardens we want fuller



Photo 5. At this stage you can easily identify dead or crossing canes.

plants with a lot of blooms so we leave all the healthy canes that fit the criteria mentioned above and we remove old woody canes. Also, if any canes are growing from below the graft they need to be removed by digging down to their base and pulling them off. If this is impossible then you can cut them off but they will probably grow back. With the finished product you should be able to look down the center of the plant and see the base (*Photo 6*).

If your rose bush is lopsided and doesn't have an even distribution of canes, you can promote new cane growth by using a wire brush or your hand clippers and scrape off the dead wood on the



Photo 7. Dead wood scraped on base (green arrow) to promote growth of a new cane.

base above the graft union where you want a new cane to grow (*Photo 7*). One more very important step is to clean up all the debris below your rose bush. This is because any rust, powdery mildew, or other diseases can overwinter on these leaves and splash back on the plant when it rains. Do not put these leaves in your compost but dispose of them. growth is forced too early we could still have a

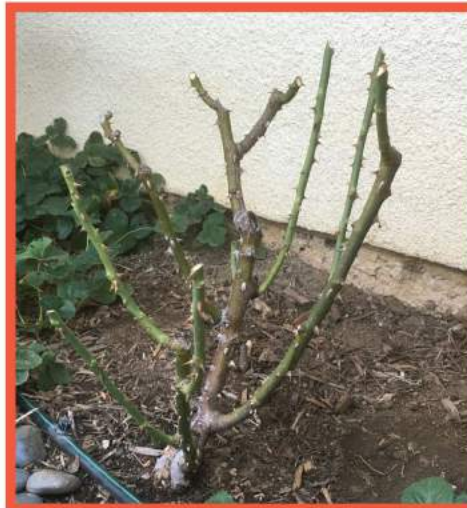
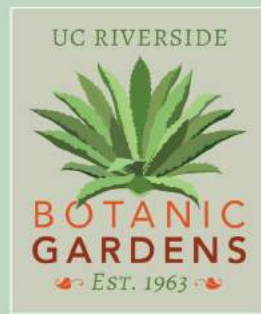


Photo 6. The final product.

freeze, which will damage the new leaves. When the new growth is about 4 inches long then you can fertilize. I have heard a myriad of ideas about what to give your roses during this dormant time. I have tried many different things,

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Pruning Roses, continued

including nothing at all. Like most of you, I'm very busy so I try to keep it simple to avoid getting overwhelmed. I just apply about ½ cup of Epsom salts (magnesium sulfate) per plant to the soil and mix it in a bit. Magnesium is needed for producing chlorophyll and for absorbing phosphorus, sulfur, and nitrogen so it aids in promoting healthy roots, plant

growth, vibrant blooms, and dark green foliage.

In conclusion, keep it simple and don't overthink every cut you make. Roses are tough and they'll survive your pruning and reward you with beautiful roses come spring. The more practice you get the faster and more confident you will become. Have fun! 🌹JJA



Director's Report

Dr. Jodie Holt



During the holiday season I'm reminded of so many things for which I am thankful. As director of the UCR Botanic Gardens I have the rare opportunity to indulge my passion for plants and botany outreach while working to advance this extraordinary facility. However, this job would not be possible without our wonderful staff. I am so grateful for our management team—Janine, with her tireless can-do attitude and exceptional work ethic; Theresa, with her unlimited vision and creativity; and Pam, with her unflinching good cheer and positive attitude. In addition, all of our horticultural staff including our student workers are so hardwork-

ing and loyal that no task seems daunting and no goal seems out of reach.

I also want to thank our amazing campus administrative support team, BEES, who manages the Botanic Gardens as well as Earth Sciences and Environmental Sciences Departments and CNAS Student Affairs. They are incredibly capable, professional, helpful, and responsive to all our requests whether routine, unusual, challenging, or truly odd. I particularly want to thank Janice Border, the BEES Financial and Administrative Officer, for her guidance and partnership as I have navigated this new position over the past year and five months. Before you receive your Spring Newsletter Janice will have retired so I want to take this opportunity to thank her for her unending loyalty to the Botanic Gardens and express my hope that she will continue her involvement as a volunteer.

The UCR Botanic Gardens benefits enormously from strong support from UCR's Chancellor, CNAS Dean's Office, and many campus units about which I've written over

the past year—Advancement, University Communications, Computing & Communications, Facilities, and the UCR Foundation, among others. I am grateful for their support and dedication as well as the very high quality of service we have received.

Last but not least, on behalf of all the staff at the Botanic Gardens, I
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Janine Almanzor and Theresa McLemore enjoying the successful Fall Garden Market and Plant Sale

want to thank our volunteers, donors, and of course Friends members. With your support and involvement we can achieve our mission of becoming UCR's focal point for engagement in the science of nature, gardens, and conservation. Each year thousands of visitors, including students, families, tour groups, and school children visit the Gardens to enjoy the beauty and wonder of nature. Others visit to participate in a workshop, hear a special lecture, or purchase and learn about plants suitable for their own gardens. Each visitor to our Gardens benefits greatly from your support, and for that we thank you!



Some of our wonderful staff: Lois Whyde, Theresa McLemore and Jorge Fregoso.

We are changing our calendar

When you think of holidays you, like I, probably think about leaving work for a few days, taking a vacation, or simply getting a break from your normal routine. Indeed the staff and student workers at the UCR Botanic Gardens also relish a break from their work routines and challenges. After careful consideration and consultation I have made the decision that for the remainder of UCR's 2017-18 academic year the Gardens will close when UCR is closed for academic and administrative holidays. Our staff are UCR employees and are entitled to all holidays and breaks that other staff enjoy, and our student workers deserve to spend the holidays with their families just as all UCR students do. Adhering to the UCR

academic and administrative calendar, which provides breaks for all UCR staff, will also relieve the enormous responsibility for visitor safety in our 40-acre Gardens that our student workers face during periods of campus closure. We are currently working to expand our Volunteer Garden Steward Program and going forward I hope to raise funds to increase staffing, so that eventually we will have greater presence in the UCR Botanic Gardens on weekends and holidays. In the meantime, I hope you will be understanding of this new calendar.

Since the holidays make many of us think about visiting the Botanic Gardens, please check our website for the days we will close. During UCR's winter campus closure (December 23 – January 1), the Gardens will remain open on December 27 and 28, which are optional vacation days, but will be closed December 23 – 26 and

December 29 – January 1, which are official UCR holidays.

Activities and projects underway:

🌿 Our most exciting project was mentioned in the last issue of this Newsletter—led by Mike Cohen and a team of volunteers we will soon have a live interactive map of the core plant collection, which will also be available as a smartphone app.

🌿 Working with University Communications we have developed a strategy for the UCRBG that has improved our communications both internally (on campus) and externally to a much wider audience including local media outlets.

🌿 We recently hosted a visit by a group of Directors from UCR's Regional Development Team who were eager to learn about the UCRBG, our vision for the future, and our "big idea" projects that they can take to their constituents and donors in California and beyond.

🌿 Our connectivity and signage program continues; keep your eyes open when you visit for new signs at the entrance and on trails and soon a new LiDAR high-resolution map of the UCRBG!

🌿 In a continuing effort to improve the sustainability of our operations we contacted UCR's Facilities Services' Recycling Supervisor who donated numerous "gently used" sets of recycling bins that we are refurbishing and placing throughout the UCRBG.

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☘ With the assistance of the CNAS Personnel Services Unit we have greatly streamlined the onboarding process for UCRBG Volunteers so our eager recruits can get to work in just a day or two!

☘ Did you know that as a UCRBG member you may receive a 10% discount at local nurseries? We are currently updating and expanding our list of participating nurseries and will post the information on our website soon.

☘ Lastly, we are working hard to update and correct our Friends membership database; if you or any of your friends are not receiving our emails, “What’s Happening” email calendars, or Newsletters, or if you would like to change your preferences for

receiving information from us, please contact us right away.

What we’re looking forward to in 2018

Now that most of our deferred maintenance projects are completed, from ridding our structures of termites to removing compromised trees, we are looking forward to starting some ambitious new projects, both large and small, to enhance the Gardens and our visitors’ experience. Here’s a sampling of the bold ideas we will be pursuing in the year ahead:

☘ Create a brick patio and pathway where small gatherings could be held, and offer a legacy brick program for those who want

to celebrate, honor, or memorialize special people or milestone events with an engraved brick.

☘ Redesign our greenhouse to create a small conservatory where special and unique collections could be displayed for teaching and outreach.

☘ Create an open-air, open-back amphitheater where workshops, classes, tours, or outdoor events could be held.

If you want to learn how you can get involved or help support these and other projects, or want to give feedback on any of our ideas, please contact me at bgdirector@ucr.edu or 951-784-6962 or visit our website at <http://gardens.ucr.edu>.

☘ JH

Join us for our 39th annual Rose Pruning Demonstration on Sunday, January 7, 2018 from 1 – 3 pm. If it’s raining on that day, the date will be January 14th. The event is free and there will be refreshments and door prizes. This will be an educational and fun afternoon!



Spotlight On... Roses

By Janine Almanzor

By the time the Spring Outing rolls around you will have noticed that we are focusing on roses. It starts with the rose pruning article in this newsletter, then the rose pruning demo on January 7th, and in the spring we will be visiting a rose garden for the spring outing. So it seemed appropriate to have Christian Bédard from Weeks Roses give us a presentation for the **Winter Member Event** which will take place on **Saturday, January 27, 2018 at 2:00 pm.**

Christian is the Research Director for Weeks Roses and has hybridized many rose varieties. He is originally from Canada and grew up in Quebec City in

Canada. He inherited his love for gardening from his parents and grandparents so from his youth he has been interested in gardening. As a teenager he worked in garden centers and later earned a bachelor's degree in the field. After completing his masters at the University of Montréal he joined Weeks Roses in 2000. He has introduced over 30 roses while with Weeks including Ketchup and Mustard, Doris Day, and Sugar Moon.

Christian will show us his favorite roses and the new introductions for 2018. We'll get to see a behind the scenes video of how Weeks Roses operates and what makes them one of the leading rose hybridizers



Christian Bédard

today. In 2016 Weeks Roses donated 50 rose bushes to the UCR Botanic Gardens, which began the Rose Garden renovation. Since then we have planted many more roses, converted all our roses to drip, added mulch, and installed signage. The transformation is eye

catching and the Rose Garden is one of our most visited gardens. This winter we plan on beginning the Heritage Rose Garden renovation by planting about 40 old garden roses that we propagated from cuttings. We hope you will join us for the Winter Member Event! 🌿JA

What to See in the Gardens

by Theresa McLemore

In your own garden or in the UCR Botanic Gardens there is always something to see. It is not always flowers, occasional wildlife, or the cool green shade of a tree. It can also be what is seen when the temperature begins to drop and plants respond by putting on another kind of display.

California is not exempt from fall color, and the UCR Botanic Gardens has its fair share. At the entrance to the Gardens the first color that commands your attention is the *Koelreuteria bipinnata*, or Chinese flame tree. Its foliage is beginning to turn and it's covered with peach colored bracts. If you are lucky to be standing under it when the wind blows, the bracts rain down on

you, creating a magical feeling. Not far from this is a stately *Ginkgo biloba*, or maiden hair tree. Its leaves are falling, creating a beautiful gold carpet on the ground below. Farther up the road is a towering *Juglans hindsii*, or Northern California black walnut. It is about sixty feet tall and covered with narrow gold leaves. Opposite the walnut is a graceful *Acer palmatum*, or Japanese maple. It's putting on a show of orange, gold, and soft red. Not far from this location you will find a tree native to central china with yellow leaves called *Cercis chinensis*, or Chinese redbud. If this is not enough color look for the bronze colored leaves of the *Lagerstroemia indica*, or crape myrtle; a few steps away you will find a yellow berried

form of *Heteromeles arbutifolia*, or toyon.

Fall and winter are an especially beautiful time in your garden as well as the UCR Botanic Gardens. It is a time of rest and rejuvenation. So the next time you visit us take a step back, and look for the signs of the season. Take part in the inviting colors, the graceful falling of leaves and the opportunity to revitalize your senses. 🌿TM

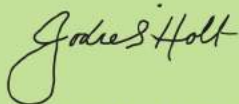


It is my great pleasure to serve as the new Director of the UCR Botanic Gardens, following in the footsteps of our long-time Director, my colleague Dr. Giles Waines. I have been excited to share with you in this and earlier issues of the UCRBG Newsletter our vision for the Botanic Gardens—UCR's only living museum that is curated to inspire and facilitate education, research, and interpretation of the natural world.

Your past generosity has made the UCR Botanic Gardens what it is today—the living jewel of the Inland Empire. Thanks to your support, the Gardens serve as a valuable resource for thousands of students, researchers, and visitors each year. The advancement, improvement, and success of the Botanic Gardens depend upon the generous support of the community and Friends. Thank you!

Your contribution for our future will keep the Gardens growing strong. Please make your gift today!

I look forward to seeing you in the Gardens!



Jodie S. Holt, Ph.D.

Interim Director, UCR Botanic Gardens



Your legacy in the Gardens ...

Would it be meaningful to you to make an impact that will ensure the beauty and vitality of the UCR Botanic Gardens for future generations to enjoy? There are many ways to accomplish this, including a gift through your will or a charitable gift annuity that pays income back to you. You may direct your gift to education, outreach, preservation, or general support of the Gardens.



If you would like more information on how to leave a legacy to the UCR Botanic Gardens, please contact:

Tony Truong
Director of Gift Planning
(951) 827-3793
giftplanning@ucr.edu

If you have already remembered the Gardens in your plans, please let us know as we would appreciate the opportunity to steward your generous gift.

FALL MEMBER EVENT

The Fall Member Event was held on September 23rd and featured keynote speaker Dr. Tracy Kahn. Dr. Kahn is the Curator and Givaudan Citrus Variety Collection Endowed Chair in UCR's Botany & Plant Sciences Department. As guardian of this historic UCR collection, Tracy oversees care of the collection, conducts research on citrus diversity, and facilitates research by scientists who use the collection. The Citrus Variety Collection is one of the world's most diverse living collections of citrus and citrus relatives and is a resource for

citrus researchers, growers, nursery owners, chefs, UCR campus, and the public.

In addition to providing information about the Citrus Variety Collection, Tracy shared her insight into the spread of Huanglongbing or Citrus Greening Disease. This disease is a lethal citrus disease that has devastated the Florida citrus industry and was recently discovered in Riverside. Citrus Greening Disease is caused by two related types of bacteria, both of which are spread from tree to tree by the Asian citrus psyllid. The psyllids feed on citrus leaves and stems and can infect citrus

trees with bacteria that cause this serious disease.

Tracy also discussed research conducted in collaboration with Dr. Mikeal Roose to develop and evaluate new citrus cultivars for the CA citrus industry. Dr. Roose, who works on the development and implementation of improved methods for crop improvement, was instrumental in developing new citrus varieties including the "Tango" mandarin.

Dr. Kahn's lecture was followed by a catered dessert and wine buffet.

 PF

OUR FALL GARDEN MARKET AND PLANT SALE

Plant sales are always exciting, and hosting a gathering for 4000 people is not an easy feat! It is gratifying to see our plants taken home by customers to plant in their own gardens. Having an opportunity to answer our customers' questions and make recommendations is always enjoyable. After every plant sale we have time to think about how to improve the process of propagating, organizing, and presenting plants to our customers.

There are so many considerations involved in the preparations for plant sale. For months UCRBG volunteers and staff are busy propagating plants for the next plant sale. Devoted volunteers arrive daily to start the process of producing plants by cuttings, divisions, and seed. The fall plant sale was espe-



cially satisfying as over 97% or approximately 2800 plants were produced from plant material that is growing here in the UCRBG. It is our hope that customers will be able to see mature examples of the plants they are buying when they

visit the UCRBG. To demonstrate this please stop by "Salvia Knoll" the next time you walk through. You will see splashes of color and examples of salvias that will be available next plant sale.

In addition to plants grown here at the UCRBG, Paradise Nursery Center, Australian Outback, High Noon Creations, and Resendiz Brothers offered plants that are well suited for our California climate, and Blossoms of Aloha, Hula Tropicals, and Orchids by Zeny provided colorful plants that are appropriate for our gardens and patios. UCCE Master Gardeners' Grow Lab offered a plethora of winter vegetables and herbs, which seems to be a favorite for our customers. Various garden clubs and societies were available to assist our visitors. UCR Entomology and UCR Plant Pathology

Continued

Departments were available to answer questions our customers may have had. Student members of UCR service clubs, CNAS Ambassadors, and University Honors volunteered and were placed in various locations to guide and assist customers. And let's not forget our wonderful Master Gardeners who were helpful at every turn.

So as we begin to prepare for the next plant sale, we would like to thank all of the individuals who were instrumental in making our fall plant sale a big success. We must also thank our customers for their support. We look forward to the next opportunity to send a bit of our garden home with you to plant in your garden. 🌿™

Volunteers are an integral part of everything we do here at the UCRBG. Their precious gift of time allows us to create a positive plant sale experience for our customers. These volunteers show genuine enthusiasm and a belief in the purpose of the UCRBG, and for that we are truly appreciative. Whether it is a campus service group, a garden society or an organization, it is clear to us that the success of the Fall Garden Market & Plant Sale is due in great part to the generosity of these exceptional individuals. We would like to thank all that were involved in the various aspects of the Fall Garden Market & Plant Sale, and we look forward to many more opportunities to partner with them.

Master Gardener and Master Gardener Trainees**UCRBG Docents****UCRBG Garden and Office Volunteers****UCR Honors****UCR CNAS Science Ambassadors****UCR CNAS Graduate Students****UCR Physicians Assistants of Tomorrow****Mountain View Rose Society****Redlands Horticultural and Improvement Society****California Rare Fruit Growers****UCR Department of Plant Pathology****UCR Department of Entomology****Western Municipal Water District****Note from the President***Hello Friends!*

Thanks for all of your support this past year. We've had



many success stories – great Plant Sales, Twilight Tours, Bird Walks and Friends events too. It was good to see so many of you at the Gardens!

If you are looking for the perfect gift for a friend or family member consider a Friends Membership – it will be a win-win, a benefit for the recipient and support for the Gardens.

I look forward to seeing you in 2018! Cheers,

~ *Amber Jones*

*Art in the Gardens***Karen Fleisher**

Sunday, November 12, 2017 was a typical fall day in the UCR Botanic Gardens, with the golden rain tree (*Koelreuteria paniculata*) showing its beautiful colors and the western sycamore shedding its leaves, providing a perfect setting for the 6th Annual Art in the Garden. The 400 plus visitors that afternoon enjoyed strolling through Alder Canyon and talking with the artists and artisans while browsing and doing some early holiday shopping. There were choices of beautiful jewelry, ceramic pieces, fused glass, photographs, painted gourds, watercolors, pottery, garden stepping stones, botanic tiles, hand-turned wood vases, glass garden art, and even cigar box guitars. Once again, Mien van de Ven provided her delicious baked

items in the “Café” where visitors could sit and enjoy the beauty of Alder Canyon while chatting with friends. For the artists as well as visitors, it was truly a lovely way to spend a Sunday afternoon. Thank you to all the artists and artisans who participated and donated a portion of their sales proceeds which will be used to help maintain the Gardens as a valuable resource for students, researchers and the community; and thank you, as well, to all the visitors who browsed and shopped! 🌿KF



Beautiful ceramic bowl by Terry Forrester

In appreciation of UCR student volunteers

Contributed by
Becky Levers

It takes a small army of volunteers to make the UCR Botanic Gardens plant sales a reality, a significant portion of whom are UCR students. Without them, the 2017 Fall Garden Market and Plant Sale would not have been possible. This event was an amazing opportunity for the gardeners of Riverside County (and beyond) to enhance their Southern California fall gardening experience with the plants, products, and classes offered the weekend of October 21-22. UCR students were there welcoming the gardening public at the front gates, distributing maps and explaining the daily workshops. Students were available to assist these same gardeners as they exited the sale, keeping watch over their purchases until they retrieved their cars--and then helping to load wheelbarrows of plants into cars. And students were there to assist customers at every other step of the way between entrance and exit. They worked as Crowd Managers, helping customers move from the commercial vendor area into Alder Canyon where the thousands of plants propagated by the



Botanic Gardens were offered for sale. They worked in Holding Areas, securing customers' plant collections as they continued shopping. Students helped guide customers through the cashier line, as Ticket Writers and Customer Assistants, carrying plants for those who needed additional assistance.

Throughout the sale weekend, UCR students contributed over 220 hours of volunteer labor. They also worked the week before the sale, providing the muscle required to move plants into position for the upcoming weekend.

And they did all this with diligence, energy, competence--and always smiling! UCR students

come from a myriad of backgrounds and are interested in a wide variety of academic subjects. Working with them is always an invigorating and uplifting experience. Regular volunteers and Master Gardeners who work side by side with the UCR students always come away with a renewed optimism, knowing that the future of our society is in good hands! Students from the **UCR Honors Program**, the **Physician Assistants of Tomorrow**, and **CNAS Science Ambassadors** formed the core of student workers, some of them veterans from previous sales. Students who had worked at the Botanic Garden as part of the Work-Study program returned after graduation to continue their support of the UCR Botanic Gardens. In addition, a large contingent of graduate students donated time from their cutting edge research studies to help.

It was truly uplifting to watch these young people in action. The Garden Market and Plant Sale was scheduled only three weeks into the Fall Quarter. We regular volunteers were very thankful that students would take time from their busy schedules (and with midterms just around the corner!) to work side by side with us.

UCR students rock!!

Do you enjoy the Botanic Gardens? Would you like to spend time with like-minded people? Find out about all of the various volunteer opportunities at our Volunteer Orientation, held the second Tuesday of each month at 9:00 a.m. in the Conference Room.

University of California, Riverside
Friends of the UCR Botanic Gardens
900 University Ave.
Riverside, CA 92521

UCRBG Calendar of Events

January 7th
1 p.m.-3 p.m.

Sunday

Rose Pruning Demonstration

January 14
1 p.m.-3 p.m.

Sunday

Rose Pruning Demonstration
(Rain Delay Date)

January 27
2 p.m.-5 p.m.

Saturday

Winter Member Event

April 7

Saturday

Spring Plant Sale -
Save the date!