

CUYAMACA COLLEGE  
ORNAMENTAL  
HORTICULTURE

# the Urban Horticulturist

A Publication of Cuyamaca College Ornamental Horticulture Department and the Cuyamaca College Botanical Society

*This Publication is made possible through a grant from the Rice Family Foundation*

Summer/Fall 2005

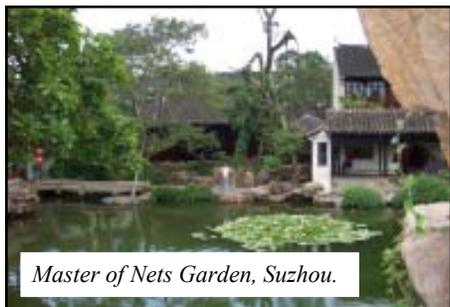
Volume 21 Number 2

## CHINA

*Touring an exotic land of Dragon Paw Locust and Grandmother trees*

BY ELLEN JENNINGS, EDITOR

In her book *Wild Swans* Jung Chang writes, "One day in 1965, we were suddenly told to go out and start removing all the grass from the lawns. Mao had in-



*Master of Nets Garden, Suzhou.*

structed that grass, flowers, and pets were bourgeois habits and were to be eliminated." Chang remembers that the

flowers went with the greatest difficulty because people loved their plants.

A huge number of the trees in China were lost during the years of Mao's various agendas. But this is a period of drastic changes. Our tour guide told us it is now illegal to remove even a single tree in China.



*Dragon Paw Locust or "Scholar Tree," Summer Palace, Beijing. Imperial scholars studied under the shade of this tree.*



*Courtyard and moon door, Master of Nets Garden, Suzhou.*

While traveling in Beijing, Xian, Guilin, Suzhou and Shanghai this summer, I saw thousands of young trees growing in nurseries throughout the countryside and in any available space under and adjacent to freeway interchanges. The most striking of these were Mulberry trees on the outskirts of Shanghai, grown for the leaves that feed the silkworm.

From woodcuts, paintings and official histories we  
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## 2005 “Wall to Wall Turf” Seminar

BY STEVE WIGHTMAN

On March 11, 2005 nearly 150 attendees benefited from the rewards of the **16th Annual Cuyamaca College Turf Management Seminar** held at the Balboa Club in Balboa Park. The “Wall to Wall Turf” program provided valuable and pertinent information from a plethora of industry leaders.

This seminar, held each year in mid-March, offers up-to-date industry information on timely topics that are designed to meet the needs and curiosity of green industry professionals. In addition, every net dollar generated from the seminar goes directly to scholarships for students striving to become professionals within the industry.

The day’s activities began with a warm welcome from “the boss,” **Brad Monroe**, Program Coordinator of the Ornamental Horticulture program at Cuyamaca College. The proceedings were kept on schedule (sort of) with the humor and timely speaker introductions of **David Shaw**, UC Cooperative Extension Service. Not only were David’s intuitive instincts golden, but his mastery of audio/visual equipment would have made Hollywood sit up and take notice.

The attendees gobbled up a litany of information along with a delicious and satisfying lunch. A lineup of dynamite speakers included:

**Dr. Valerie Mellano**, UC Cooperative Extension – S.D. County, spoke on the various effects of Water Quality.

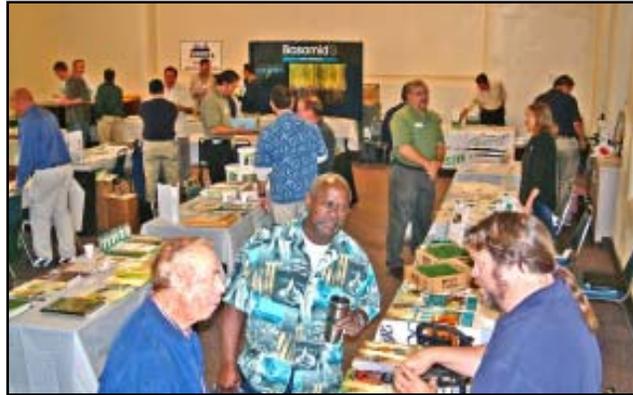
**Veronica Anzaldo**, Agricultural Inspector - S.D. County Dept. of Agriculture, gave updated information on current Pesticide Laws and Regulations.

**Dr. David Kopec**, University of Arizona, gave a humorous and engaging presentation on some new grasses including *Distichlis spicata* as well as information on herbicide use for transitioning warm and cool season turfgrasses.

**Dr. Frank Wong**, Plant Pathologist at UC Riverside, explained how to be in tune with turfgrass diseases and discussed the chemicals to control them.

**Luke Yoder**, Director of Field and Landscape at Petco Park, gave everyone an incredible pictorial trip through the construction of the playing field from groundbreaking to opening day.

**Steve Wightman**, Turf Manager at Qualcomm Stadium and OH department instructor, explained proven strategies to minimize pest infestations on athletic fields.



*Attendees meet with nearly 20 industry representatives during a break in the proceedings.*

**Mike Henry**, UC Cooperative Extension Service – Riverside County, presented interesting data and ideas on low maintenance turfgrasses.

**David Shaw** presented his ever-popular Turfgrass and Weed ID quiz and then explained what to look for in identifying them.

Of course, the seminar would not have been possible without the tremendous support of all of the sponsors! We want extend a heartfelt THANK YOU to: **Art’s Lawnmower Shop, Butler’s Mill, Certis, Grow-Power, Inc., Hanson Aggregate, Hunter Industries, Pacific Sod, Rain Bird, Inc., San Diego Organic Supply, Inc., Simplot Partners, Southwest Boulder and Stone, Superior Sod, Target Specialty Products, Tri-C Enterprises, LLC, Turfgrass America, United Greenmark, Univar USA, West Coast Turf, and Western Farm Service.**

The dedicated efforts of all the staff and students behind the scenes were crucial to the program’s success. If Brad Monroe is the “boss” of the OH Program, then **Tita Heimpel**, Program Technician, is definitely the “boss” of the Turf Seminar. With her direction, vision and unbelievable efforts the 16<sup>th</sup> Annual Turf Seminar was a huge success.

Thanks also to **Susan Butler** and **Diane Citrowski**, Cuyamaca College Floral Design Instructors, who were responsible for all of the beautiful floral arrangements throughout the venue. Finally, the staff of **San Diego Parks and Recreation Department** and the **Balboa Club** allowed the college to host the seminar in such a beautiful venue.

If you missed this year’s seminar you missed a great one. Please join us next year for a full day of fun and education designed to help you be more informed with ideas, methods and products.

# DAVID TIGLIO MEMORIAL SCHOLARSHIP – A YOUNG MAN’S LEGACY

BY ELLEN JENNINGS, EDITOR

In February 1999 David Tiglio, one of two sons of the founders of Hydro-Scape Products, Inc., was lost in a boating accident off the coast of Baja Mexico near Cabo San Lucas. Just 40 years old at the time, David was the Vice President of Sales at Hydro-Scape, married to his wife Bonnie, and the father of their sons Jeff and Travis. Through his short career, he had gained the respect of all who knew him, and his disappearance was felt deeply by those who had worked with him in the green industry.

When the Tiglio family launched a search for David, many of his friends and colleagues came forward with their donations towards the cost of the search. In February 2001, the Tiglio family made the decision to match the total of all the donations they had received with their personal funds. They approached Brad Monroe, Program Coordinator of the OH department at Cuyamaca College, with the idea of establishing the David Tiglio Memorial Scholarship. Totalling over \$42,000, this fund represented the largest scholarship donation in the history of the department.

According to Fred Larsen, Vice President of Marketing at Hydro-Scape, David had been very interested in training young landscape contractors. The California Landscape Contractors Association (CLCA) had introduced him to the OH program at Cuyamaca College, which impressed him.

Larsen says that, “The program had been growing in stature, and everyone in the industry had heard about it.” He adds, “Brad had a reputation in the industry which was definitely one of the draws that led the Tiglio family to take this program more seriously.”

Since the scholarship fund was established, the family has continued to add to the endowment through Hydro-Scape’s annual golf tournament. The tournament had been an ongoing event, but it has been renamed the “David Tiglio Invitational Golf Tournament.” A percentage of each player’s entrance fee is donated to the scholarship fund each year.

“The generosity of the Tiglio family is simply overwhelming,” says Brad. “Their continued support of the scholarship program helps students gain the training and education they need to be successful as they enter their professions. The David Tiglio Scholarships will have an impact on the careers of the recipients and the industry for years to come.”

Hydro-Scape Products, Inc. markets irrigation equipment and landscape supplies. The company has 6 locations in San Diego County and 13 others ranging



David Tiglio

from Orange County, Riverside, San Bernardino, Los Angeles, and Oxnard to Honolulu, Hawaii. This year they are celebrating their 30th anniversary with the motto, “Helping Our Customers Grow Since 1975.”

Larsen reports that at least one graduate of the OH program at Cuyamaca College is presently working at the company, and many others have taken courses in the department. On behalf of the entire department faculty and staff, and especially the students whose lives are often changed by these scholarships, we extend our heartfelt appreciation to the Tiglio family for their generosity.

**This publication is made possible through a grant from the Rice Family Foundation.**

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*E-Mail address: Brad.Monroe@gcccd.net*

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# THE WANDERING ROAD

BY DOUG KALAL

Ever since I was knee high to a sunflower, I was entering things at the Coronado Flower Show. I entered flowers, vegetable animals and bean plates, all in the hope of winning one of the trophies handed out to kids at each show. But no matter how hard I tried, I never got a trophy. My younger brother, however, won several, which drove me crazy.

Fast forward 20 years. My wife and I bought our first home and moved in with our three little rose bushes from our apartment. I decided to



Doug shares the winners' spotlight with his mom at the 2005 Coronado Flower Show.

convert the landscape into a rose garden. Losing all those years to my brother made me anxious to learn the ways of the rose show hardware (trophy) hunter.

Six years and about 50 rose trophies later, my life

took another twist. The company I worked for moved to Las Vegas. I was faced with the decision to move to Las Vegas or find a new career. Looking at my rose garden, I decided to change careers and move into the field of Landscape Design. Six months later I enrolled at Cuyamaca College.

This past April at the Coronado Flower Show I won two trophies, for "Best Annual" and "Best in Cut Flowers." When I accepted my trophy for the best annual, I scanned the long list of winners engraved on the cup and noticed that Beth Kalal, my mom, had won this trophy 20 years ago. What made this extra special was that the person who came up to the stage next to accept the "Best Perennial" trophy was my mom.

Standing on the stage, I was amazed at the long and winding road I took to get to this point. I wonder with great anticipation what lies around the bend.

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Doug Kalal is pursuing a degree in Landscape Design at Cuyamaca College.

# Morgan S. Rice,

September 20, 1912 – December 28, 2004

*It is said, "A really great man is known by three signs... generosity in the design, humanity in the execution, moderation in success."*

BY BRAD MONROE,  
PROGRAM COORDINATOR



Morgan Rice

Generosity, humanity and moderation - I cannot think of three words that better summarize the spirit of Morgan Rice. From the time I first met Morgan in 1993, I was impressed by how humble he was and how he was generous both in spirit and in the way he supported so many local organizations.

Morgan seemed to approach life as an adventure, always taking on the challenge of what seemed impossible to others. With degrees from U.C. Berkeley and USC, he left a teaching career in El Centro to move to San Diego and invest in real estate. Over time, he acquired a significant amount of acreage on Mount San Miguel, east of Spring Valley. His vision led him to develop the top of the mountain into one of the most significant communication facilities in the area with TV-broadcast, micro-wave and satellite R/T stations.

In the 1980's he started out on the path of philanthropy and later created the Rice Family Foundation. The foundation focuses on education with support going to schools in economically disadvantaged areas, the Natural History Museum, the Zoological Society of San Diego, the San Diego Historical Society and several community colleges, among other organizations.

Along with our sadness at the passing of Morgan Rice, we want to reflect on what his generosity has meant to the Ornamental Horticulture program at Cuyamaca College. In our first meetings with Morgan, he had a vision of how our program might grow and prosper. The support he has given our program over the past ten years has helped us to grow both in the number of students we serve and in the amount of income we generate in the nursery and through donations.

I know Morgan was always interested in ways to help our program generate more income in the nursery and garner additional support from others. On both counts he was extremely successful. The nursery sales are at an all time high, and he has inspired others to contribute nearly \$200,000 since he began his program of support. So, even though we will miss Morgan's optimism and ever-present smile, his influence lives on in the students he has supported and in the program he has helped to build.

# Turf Education and Opportunity

BY SANDY C. CLARK

I think all of us in the Golf and Sports Turf Industry would agree that exciting opportunities abound. The Turf Management and Golf Course and Sports Turf classes at Cuyamaca College educate students through a combination of classwork and field trips that provide face to face contact with many of the industry's best and brightest. Through this variety each student can determine which area of expertise will provide the most satisfying career.

Careers in golf course maintenance require a variety of skill levels. Everyone doesn't have to be a golf course superintendent. A number of skilled technicians are required to provide technical assistance on the golf course. These positions are increasing in importance and value as golf maintenance becomes more sophisticated. The following are brief descriptions of career opportunities in this field:

**Irrigation Technician:** Sprinkler systems, pump stations and weather stations are the backbone of a golf course. Today, we manage systems with computerized central control systems that control every sprinkler individually. Hand held palm pilot type units are utilized in the field, showing specific detail of each golf hole. Irrigation decisions are made with the assistance of weather station data, moisture sensors and daily monitoring of soil conditions. Pump stations utilize multiple variable frequency drive pumps to maximize water distribution throughout the golf course. The pump house is able to communicate directly with the irrigation computer making system troubleshooting more rapid and accurate. A good irrigation technician requires not only field experience and turf knowledge but also educational training. In the near future, golf courses will be required to have a Certified Irrigation Auditor on staff.

**Spray Technician:** The golf industry is showing strong leadership in environmental stewardship. The golf course spray technician is a big part of the environmental team. As golf courses develop their Integrated Pest Management programs, the technician will utilize multiple methods to manage the many challenges. Prevention and control of disease as well as insect and weed management employ a number of strategies that fit the local requirements of each site. The spray technician learns how the modern chemistries can simplify our jobs and provide superior results. Students at Cuyamaca College have a very high pass rate when taking the challenging examinations required for the Department of Pesticide Regulation Licensing and Certification Program.

**Equipment Technician:** Today, mower sharpening and adjusting techniques require great skill. The quality demands placed on the golf maintenance staff are far higher in 2005 than any time period in the history of golf. An equipment technician must work with tolerances and cutting heights that leave no margin for error. Mowing equipment may cost as much as a modern luxury car, so the technician is also required to be a good manager. Besides the fleet of equipment, parts and inventory management are important requirements of this key position. Many of today's equipment technicians may even be required to assist in crew management on the golf course. They must have the ability to work with people as well as possess a long list of technical skills. Many times they will function as the crew safety officers. Maintaining the shop as a hazard free environment will require the technician to have an understanding of pesticides and hazardous waste. This is truly one of the most critical skill positions in a golf operation.

**Assistant Golf Course Superintendent:** Many students are already employed in the golf, turf and landscape industry and come to Cuyamaca College to obtain the needed education to move to the supervisory level. Currently, an impressive number of both



Sandy Clark (L), Golf and Sports Turf instructor, works with students.

assistants and superintendents will give credit to Cuyamaca College for providing the needed education to advance in the golf market. Assistants are required to be well versed in a number of key areas. While the technician may devote attention to a primary skill, the assistant is required to be a jack of all trades. The assistant has the opportunity and challenge of coordinating the multiple tasks into a coherent program that is in tune with the superintendent's philosophy.

**Golf Course Superintendent:** With a solid education and experience of a few years as an assistant, many Cuyamaca students have been promoted to the

*Continued on page 8 ...*

# A New Look

## 2005 Scholarship Banquet

BY DORA ASTACIO

This year the 24<sup>th</sup> annual CCBS Scholarship Banquet was held at an exciting location, the Barona Valley Ranch Golf Event Center. What a great place to hold this event! This is the first time that CCBS has held an awards luncheon instead of a dinner banquet. The sunny day, informal setting and camaraderie of nearly 100 attendees, recipients and presenters combined to make a very special afternoon.

Yce Abshire, 28<sup>th</sup> CCBS President, set the crowd at ease with his welcoming statement and a raffle of the donated prizes. After a delicious lunch, and even more delicious dessert, Yce introduced the 2005 CCBS officers and advisors.

Geraldine Perri, President of Cuyamaca College, welcomed everyone and spoke about the college's incredible growth. The horticulture program is a big part of that growth, with new classes and exciting landscape areas being added in and around the OH department.

This year there were 35 scholarships awarded to 24 recipients totaling more than \$20,000. Kathy Eagle presided over the scholarship presentations in a humorous and relaxed manner. Kathy is the Facilities Landscape Manager at Barona Valley Ranch Resort as well as the instructor for the Construction-Irrigation and Carpentry class. Many



2005 scholarship winners (L to R): Front Row - Carolyn Kalb, Karen Walters, Nubia Del Rio, Barbara Bender, Dora Astacio. Middle Row - Camilla Ritter, Nancy Clark, Shirley Cirello, Guillermo Rodriguez, Monika De La Vega. Back Row - Todd Wilbur, Stevens Tabiando, Brian Yack, James McKenna, Connie Houser, Michael Hanna, Janice Spooner. Not pictured: Diana Culver, Doug Kalal, Brian Lambert, Lawrence Lodovico, Crystal Ritchie, Robin Rushmore, Becky Yianilos.

of Kathy's former students now work for her at Barona.

I was impressed by the table arrangements. John Bruckner, a student in the Floral Design class, designed the arrangements and coordinated the work of students under the guidance of

instructor Susan Butler. Slender stems of dried flower stalks, reaching up to the ceiling and embedded in a miniature succulent garden, created a peaceful atmosphere.

Cristina Chiriboga, Cuyamaca's Vice President of Instruction, closed the program. Afterwards, Kathy led a "behind-the-scenes" tour of the Barona grounds. I was amazed at all the work on the grounds, the constant growing, changes and challenges. Recently, Kathy was asked to beautify a helicopter landing pad without using any plants, soil or water, so that it would look attractive when seen from the air. Go see what she came up with!

A heartfelt "thank you" goes out to Kathy, who made it possible to hold the 24<sup>th</sup> annual CCBS awards presentation at this great location. This afternoon event was a refreshing change. The OH program is truly all about success, and this year's scholarship program reflected that mission, as it too was a great success.

Dora first enrolled in the OH program at Cuyamaca College in 1988, and she graduated this spring with certificates in Nursery Technology, Landscape Technology, Arboriculture and Landscape Design. After graduating, Dora and her husband moved to Humboldt county.



Dr. Geraldine Perri, Cuyamaca College President, welcomes scholarship donors, recipients and guests.

# Grower's Notes

BY PATRICIA E. NEAL

Challenging and exciting describes the past year we've had in production at Cuyamaca College. Building on the success of previous student growers,



Pat Neal

the OH department expanded its production efforts with the addition of a third student grower position and the opening of the newly remodeled greenhouse.

These changes gave us the opportunity to devote our efforts to expanding the selection of plants offered for sale in the nursery, including new hybrids in the market and more natives and xeriscape plants.

One of the most challenging experiences was growing without the use of the greenhouse over the winter. Remodeling took much longer than expected and presented real challenges – particularly in growing the Poinsettia crop for 2004. Because of construction, the Poinsettias were raised in the shadehouse, which presented a whole new series of potential problems: pests; drying hot Santa Anas followed by cold, windy rainstorms; increased dust; and near freezing nighttime temperatures. By late November remodeling was temporarily put on hold so that the Poinsettias could be finished in the greenhouse. Despite the potentially disastrous conditions, the Poinsettias proved to be an exceptionally hardy crop and turned out well. Once the Christmas season was over, work was resumed on the greenhouse. It is now back in full service.

With increasing interest in native landscaping, we've focused on adding more natives as well as more low-water-use plants, including Mediterranean, Australian and South African varieties. In the coming months you'll be able to purchase a wider variety of California and Southwestern natives such as Coffeeberry, Island Bush Snapdragon, Silk Tassel Tree, Catalina Perfume, Lemonade Berry, Sugar Bush, Silver Leaf, California Fuchsia, Spice Bush, Gooseberry, Torrey Pine and three cultivars of Ceanothus.

Another goal we set this year is to offer a

larger selection of plants featured in the Water Conservation Garden. In the past year we've sold more than 60 different plants from the Garden; however, we want to go beyond just simply offering more plants. We're working with the Garden to sell the plants in which the Garden receives the most interest – and eventually be able to have them on sale in the nursery when they're at their peak in the Garden. This is an ongoing project as we research additional sources for stock and schedule production to ensure plants are ready for sale at the prime time.

Some of the additional projects that were completed this year include renewed efforts to grow and maintain mother stock plants for in-house propagation. Most of this work was done by students in the two Fundamentals classes and the Propagation class. The Fundamentals classes planted most of our extensive Salvia collection into two garden areas and transplanted all the irises and daylilies into a new field south of the shadehouse. The Propagation class propagated a variety of plants through cuttings and seeds as part of their lab training – an essential source of nursery stock as students' projects



Busy nursery sales reflect wider plant selection.

eventually go on sale in the nursery. Their most exciting experiment this year was the successful germination of Torrey Pine seeds. The work students do in their labs is invaluable to the success of our production

program; they're a vital part of the grower team.

With its state-of-the-art computerized climate control systems in each of the three rooms, our newly remodeled greenhouse opens the door to yet more possibilities in our production capabilities. This presents exciting challenges to future student growers who will continue to build on the successes of the past as the OH Department continues to expand its production program.

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*Patricia E. Neal is making a career change after working in public relations and journalism. She is the Head Grower for the OH Department.*

## Turf Management Careers

...Continued from page 5

top management position. This is an exciting opportunity that allows for utilization of skills in a large arena. Key challenges facing today's superintendent include



Golf and Sports Turf Management class lawn renovation.

management of the golf course as well as political involvement in the areas of water use and environmental stewardship. The superintendent in many

instances will rise to the top management position within the golf operation. With the opportunity to manage people, budgets and the most valuable asset within the organization - the golf course - the superintendent position offers unlimited potential. Professionally and financially, the position of golf course superintendent has grown to be a tremendously rewarding career path.

**Other Turf Opportunities:** Numerous opportunities exist within the overall turf industry. Educated, well-trained sales people are needed to provide product and technical expertise for a broad range of products. Exciting opportunities exist selling equipment, irrigation, chemicals, fertilizers and seed. Consultants specializing in a number of technical areas provide opportunities for those with specific skills. Grounds supervisors are needed for governmental entities, colleges and other installations. Sports turf managers require special skills and turf knowledge similar to the golf market. Horticulturists are required to provide supplemental skills to many golf and turf organizations. Contract seeding, fertilizing and aerification and lawn care companies have filled an important niche in the turf industry. Opportunities are endless.

In summary, Cuyamaca College provides tremendous opportunity to participate in an exciting industry. Education opens the door, and your desires and imagination create the opportunity. The industry has undergone tremendous change over the past thirty years. Personally, I think the most exciting changes are yet to come. I look forward to working with many of you over the next school year in the Turf Management and Golf Course and Sports Turf Management classes.

*Sandy C. Clark is a Certified Golf Course Superintendent at the Barona Creek Golf Club as well as an instructor of Turf Management classes in the OH department.*

## Don Smith Retires

BY CARLA J. GRAY

Don "Smitty" Smith, instructor in the OH department, retired from his day job this past May. For the past 35 years he has worked in marketing and sales of agricultural products.

After graduating from the University of Arizona, Smitty moved to San Diego in 1968, where he worked as a Field Representative for Wilbur-Ellis Company for many years. He then helped form Turf Partners, which was subsequently sold to Simplot Partners, and where he has been until this May.

He plans to continue teaching the popular Pest Management course. Next Spring it will be offered for the first time as part of the day program.

Smitty says he and Ginny (aka "Mrs. Smitty") hope to devote more time to traveling in their new trailer. He plans to "fish a lot, ride his Harley and mess around with old-time cars." His dream is to create a Butterfly Exhibit at the College with sponsorship by local companies. And in case some of you who have seen him lately were wondering - he has no plans to cut that new hairstyle he's been sporting any time soon.

*Carla J. Gray is a former CCBS Officer pursuing dual certificates in Nursery and Landscape Technology. She is currently employed as a Nursery Technician at Barona Valley Ranch.*

## CLT Testing

BY JENNIFER ROBERTS, OWNER  
EXTRAORDINARY LANDSCAPE

On April 9-10, 2005 the Certified Landscape Technician (CLT) test came to Cuyamaca College. The test was a 12-hour exam broken up into 30 minute intervals, testing every aspect of the landscaping industry. Certification is divided into three categories - maintenance, irrigation and installation.

I have been involved in the landscaping industry for the past eight years and currently own my own design/install business. I decided it was time to take the exam and obtain my CLT certification. I was amazed at the practicality and professionalism of everyone involved in running the exam.

I highly recommend that anyone who is dedicated to a career in the landscaping industry attempt CLT certification. It is a challenging and rewarding exam that will prepare you for any circumstance that arises in the field. For me, it enhanced years of field work and contributed to a higher standard for our industry. For information on upcoming test dates go to: [www.clca.org](http://www.clca.org)

## China

...Continued from page 1

know that gardening has been an integral part of Chinese culture through at least two thousand years of relentless political changes. This culture evolved as an elaborately woven web of symbols, stories, and superstitions which seem alternately incomprehensible and enchanting to the western mind.

Like the dragons, phoenix, colors, and numbers, certain plants have come to symbolize good luck, prosperity, and long life. The national flower, the Peony, represents prosperity, Bamboo and the Pine tree assure longevity, and the Magnolia will bring much silver to its owner. The Camphor tree, called the “Young



*Tai Chi in Temple of Heaven Park, Beijing. Most public parks charge admission, but seniors may purchase cheaper monthly passes.*

girl’s tree,” is planted when a girl is born and used to make a hope chest filled with things for her new life when she marries. A grandmother must plant a Ginkgo biloba, or “Grandmother tree,” when her grandson is born to ensure his long life; as a grown man he will eat the nuts from this tree to stay healthy.

The Chinese have retained four basic components of garden design through the millennia. In what is often a very small space, the elements of plants, rocks and water recreate scenes in nature, while hidden springs and mirrors give the illusion of a much larger setting. Principles of Fengshui ensure that buildings, the fourth element of the traditional garden, harmonize with the landscape. Windows of all shapes and sizes and moon shaped door-



*“Centuries-old trees,” Temple of Heaven, Beijing. A plaque entitled “Cypress Embracing Pagoda Tree” reads, “Both the Oriental Arbovitae (Platyciadus orientalis) and the Pagoda Tree (Sophora japonica) are the city trees of Beijing, known as ‘The Brother Trees.’ These two trees coexist, embracing each other in an image of mutual like, that makes one think of friendship, mutual help and solidarity.” The Chinese carefully name and protect any trees thought to be 100 years old or more, even when they begin to die back.*

ways provide surprising views at every turn. Inscriptions quote famous poets, and garden walkways are crafted with symbolic stone mosaics.

We visited the Garden of the Master of Nets in Suzhou. In 1981 the section containing the master’s study was the first Chinese garden to be replicated in the west. It has been on display at the Metropolitan Museum of Art in New York for 25 years. On the list of UNESCO World Heritage sites, the garden was originally laid out for a scholar in the



*We were surprised to see many artificial plants (placed in the ground to appear real) outside major hotels and buildings, including this Banyon Fig tree that stood at least 20 feet tall and 15 feet wide in a Shanghai bazaar.*

12<sup>th</sup> century. In the 18<sup>th</sup> century, a wealthy silk merchant restored and expanded the garden and buildings as his private residence.

Incorporating all the traditional garden elements, the designer also paid tribute to each season: Wisteria blooms in spring, Water Lotus in summer, Osmanthus in autumn, and Plum in winter. A nighttime visitor enjoys the sight of three moons – in the sky, reflected in the pond, and again in the mirror set inside the lovely pagoda. Yet, on entering, the



*Ornamental landscape plants displayed in pots, Elephant Trunk Hill, Guilin. This was a common sight in urban areas.*

eye might fall only on the fanciful shape and hollows of a single rock from the bottom of nearby Lake Tai, the shadow of a building or the open expanse of a courtyard. In time, a space that first appears almost empty begins to reveal tiers of startling beauty, stories within stories.

As the Chinese government continues to welcome foreigners, we will have more opportunity to observe and appreciate the subtleties of eastern thought and design. Returning to my hectic schedule after an amazing two weeks, I find myself pausing to contemplate an ancient Chinese garden and the peace of the scholar as he wandered through a moon door into a multi-layered world of stone, water, and green.

## CUYAMACA COLLEGE ORNAMENTAL HORTICULTURE

## FALL 2005

Course Name	Instructor	Day/Time
Xeriscape - Water Conservation	Drake	W 7:00 – 8:50 pm
Floral Design I	Butler	Th 11:00 am – 3:50 pm
Floral Design I	Citrowske	M 4:00 – 8:50 pm
Floral Design II	Citrowske	T 11:00 am – 3:50 pm
Wedding Design I	Butler	W 5:00 – 9:50 pm
Fundamentals of OH	Monroe	W 12:00 – 4:50 pm
Fundamentals of OH	Mazalewski	M 5:00 – 6:50 pm
		**Lab Track 2: S 8:00 am – 2:10 pm
Plant Materials: Trees & Shrubs	Drake	Th 2:00 – 4:50 pm
Introduction to Landscape Design	Fulhorst	W 12:00 – 4:50 pm
Introduction to Landscape Design	Fulhorst	T 5:00 – 9:50 pm
Intermediate Landscape Design	Hooker	Th 5:00 – 9:50 pm
Turf & Ground Cover Management	Clark	Th 5:00 – 6:50 pm
		**Lab Track 2: S 8:30 am – 2:40 pm
Annuals & Perennials	Drake	T 5:00 – 7:50 pm
Landscape Const – Concrete & Masonry	Cochran	W 5:00 – 6:50 pm
		*Lab Track 1: S 8:00 am – 2:10 pm
Japanese Garden	Uesugi	Sep 10 – Oct 22 S 8:30 am – 4:20 pm
	<i>(Class meets at Balboa Park)</i>	
Principles of Landscape Irrigation	Monroe	T 5:00 pm – 8:50 pm
Greenhouse Plant Production	Palafox	M 7:00 – 8:50 pm
		*Lab Track 1: S 8:30 am – 2:40 pm
Tree Surgery & Special Pruning	Simpson	Aug 25 – Sep 22 Th 5:00 – 6:50 pm
		S 8:00 am – 2:50 pm
Arboriculture: Palms & Plants	Simpson	Sep 29 – Oct 27 Th 5:00 – 6:50 pm
		S 8:00 am – 2:50 pm
Urban Forestry	Simpson	Nov 3 – Dec 8 Th 5:00 – 6:50 pm
		S 8:00 am – 2:50 pm
Business Management for OH	Switzer	Th 7:00 – 9:50 pm
Cooperative Work Experience	Simpson	Hours To Be Arranged

***Cooperative Work Experience Required Orientation Friday, August 26 at 5:00 pm.***

\* Lab Track 1: Alternate Saturdays: 8/27, 9/17, 10/1, 10/15, 10/29, 11/12, 12/3.

\*\* Lab Track 2: Alternate Saturdays: 9/10, 9/24, 10/8, 10/22, 11/5, 11/19, 12/10..

**CLASSES BEGIN AUGUST 22, 2005**  
**FOR ADDITIONAL INFORMATION CALL (619) 660-4262 OR**  
**APPLY AND REGISTER ONLINE AT THE CUYAMACA**  
**COLLEGE WEB SITE [www.Cuyamaca.net](http://www.Cuyamaca.net)**

# WELCOME, NEW INSTRUCTORS!

BY ELLEN JENNINGS, EDITOR

The Department of Ornamental Horticulture welcomes **Craig Hooker** as its new instructor of Intermediate Landscape Design. Craig will bring 11 years of experience in various aspects of the landscape field to the classroom.

Since 2001 Craig has been the Senior Project Designer at EnviroFit, a small landscape design office in San Diego. His duties there have ranged from administration of marketing and proposals to management of design staff and creation of planning exhibits, preliminary review packages, and landscape concept plans. He consults with private clients and design professionals, providing advice and information on design and planning as well as construction techniques, horticulture, and computer aided drafting.

Craig also spent a year working with the Gillespie Design Group in La Jolla, where he managed larger landscape architecture projects including master planned communities, regional parks, golf courses, redevelopment, street improvements, and power plants. Prior to signing on with these companies, Craig founded Hooker Gardens, a San Diego landscape design business specializing in residential and small scale commercial designs. He has extensive experience working with municipalities and governmental design review boards.

Craig holds a BA in Art from Cal State University Long Beach and a Masters in Landscape Architecture from Cal Poly Pomona. Among his many volunteer projects, he worked as the Project Coordinator for Aquatic Adventures, a nonprofit science education organization. He also coordinated volunteer efforts in the design and installation of a landscape restoration plan at the mouth of the San Diego River (Dog Beach).

The Intermediate Landscape Design course will emphasize the further training of students for the profession of Landscape Designer through the study of advanced site analysis and design, construction materials, lighting design, and graphic communication.



*Craig Hooker*

BY DONNA TYLOR

**Tom Groot** has joined the staff of the OH program, teaching the Irrigation Design class in the spring semester of 2005.

Tom is a San Diego native, graduating from Madison High School. After earning a B.S. degree in Ornamental Horticulture from Cal Poly, San Luis Obispo, he returned to San Diego and worked as a licensed Landscape Contractor for several years.

Deciding to specialize in irrigation, he worked for twelve years as a golf course consultant, designing and supervising the installation of irrigation systems for major tournament courses in Texas, Hawaii, South America and Korea. Returning to San Diego, he worked as a water management consultant to the San Diego County Water Authority and independent irrigation consultant for several years before joining San Diego Unified School District in 2000 as Irrigation Control System Specialist.

Tom oversees the irrigation for all the school sites in the district, where water use is at 200 million gallons annually. Using a Central Irrigation Management Control System that schedules and manages over 7,000 remote control valves, Tom has reduced the District's water bills by 41%, saving \$1.7 million over the past five years.

Tom has taken on the role of teacher with enthusiasm, thankful for the opportunity to serve the community. Students have been exposed to a variety of irrigation systems and problems and taught the standards expected of an irrigation design professional.

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*Donna is a former corporate finance manager with an M.B.A. in Finance. In 1998 she began a second career in Landscape Design, earning an A.S. in Landscape Architecture from Mesa College. She enrolled in Cuyamaca College to take the irrigation classes offered. Donna works as a residential landscape designer in the North County.*

# AGGIE Open



Sponsored by **Horizon** to benefit the Cuyamaca College Botanical Society Scholarship Fund and the Ornamental Horticulture Department's Programs.

Early Registration is appreciated and will secure your reservation. **Registration fee should be received by October 1, 2005.**

Make checks payable to: Cuyamaca College Botanical Society and mail to: **Cuyamaca College Botanical Society, Aggie Open, 900 Rancho San Diego Parkway, El Cajon, CA 92019**

## Bonita Golf Club

5540 Sweetwater Road  
Bonita, California

**Friday, October 14, 2005**

**10:30 a.m. Registration**

Free Lunch – Free Range Balls  
Putting Contest – **Tee Time – 12:00 Noon**  
**\$85 per person**, Includes Green Fees, Cart,  
Range Balls, Tee Gifts,  
Lunch and Barbecue Dinner

For More Information on playing or sponsorships:

Call Brad Monroe  
619-660-4261

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ I have enclosed \$ \_\_\_\_\_ to register \_\_\_\_\_ players.

Golfer #1 Name: \_\_\_\_\_ Average Score\* \_\_\_\_\_ Student

Golfer #2 Name: \_\_\_\_\_ Average Score\* \_\_\_\_\_ Student

Golfer #3 Name: \_\_\_\_\_ Average Score\* \_\_\_\_\_ Student

Golfer #4 Name: \_\_\_\_\_ Average Score\* \_\_\_\_\_ Student

(\* Official handicap NOT required, average score or "none" ok.)

I would like to make a donation to the C.C.B.S. Scholarship Fund of \$ \_\_\_\_\_

**Want to continue receiving the *Urban Horticulturist*? Please keep us informed of any address changes. If you would prefer not to receive our mailings, let us know. Call 619-660-4262 or email us at [Maria.Heimpel@gcccd.edu](mailto:Maria.Heimpel@gcccd.edu).**

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OF CHINA! See page 1**

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