



Learning with Gentle Giants

**OCC's Aviation Program Offers
Aspiring Pilots a Low-Cost Option**

**Women's Swim Captures
State Title in 2016**

SOLO SQUADRON

Not many artists purposely wreck the artwork that they've spent hours and countless resources creating. But that's exactly what Los Angeles-based artist Kiel Johnson set out to do with his latest exhibit at Orange Coast College's Frank M. Doyle Arts Pavilion.

Johnson teamed up nearly 300 art students from OCC and Irvine Valley College to create a 20-foot crop duster airplane using cardboard, paint and paper as part of his "Solo Squadron" exhibit in early October. The exhibit opened with a literal bang, as Johnson and his students "crash landed" the plan on the concrete floors in the Doyle Arts Pavilion. More for effect than anything else, the cardboard wreckage included suitcases, plane parts, and other personal effects strewn (or rather, carefully placed) around the floor.





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2017 EDITION

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Orange Coast College, founded in 1947, is one of the nation's top transfer schools. With a student population of 22,000, OCC provides exemplary programs leading to Associate in Arts degrees, Associate in Science degrees and 145 career programs. As a multicultural and multinational institution, OCC is a qualifying Hispanic Serving Institution and an Asian American Native American and Pacific Islander Serving Institution, and serves more than 1,000 international students representing more than 56 countries. The College's 164-acre campus is located in the heart of Costa Mesa, just minutes from Southern California's beautiful beaches. For complete details about OCC, visit www.orangecoastcollege.edu.



The photo on the cover was taken by OCC Office of Instruction staffer Carmella Rodriguez-Hardy as part of a school-sponsored marine science trip to Baja California. More of Carmella's work can be viewed at www.carmellaphotography.com



Dear Friends of Orange Coast College,

Welcome to the second edition of OCC Magazine. Publications like this are an important part of our efforts to share with you all of the wonderful things that are happening at Orange Coast College, and the many ways in which we are transforming lives through education.

You may already have some idea of the impact that OCC has on its local community. Perhaps you have taken classes here, or know someone who did. Or maybe you attended one of our many arts events, like a performance of the OCC Symphony or an exhibit in our Frank M. Doyle Arts Pavilion. Whatever the reason, I am confident that if you have visited our campus you have seen firsthand that OCC is a world-class institution of learning.

As you peruse the pages of this magazine, you may notice a recurring theme — not only is OCC a valuable resource for our local community members, it's also an institution with a sphere of influence that reaches across the globe. Take, for example, our head baseball coach John Altobelli whose recent role as an assistant coach on the U.S. National Collegiate Team took him on a month-long tour through Taiwan, Japan and Cuba (page 30).

Or read about how our marine science students recently traveled to Baja del Sur in Mexico to interact up close with gray whales — trips like these are a low-cost way for students to not only engage in hands-on learning, but also to experience a different culture.

On page 17 you can also read an article written by our Global Engagement Center Associate Dean Nathan Jensen about the positive impact that more than 1,200 international students have on our campus, both by bringing a multicultural awareness to our community of students and faculty members, and by eventually taking the education that they receive here and becoming ambassadors for OCC.

As we chart our course for the future, we remain focused on providing our students with exceptional learning experiences that they won't find anywhere else. Thank you for your continued support.

Go Coast!

Dennis Harkins



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MISSION STATEMENT

Orange Coast College serves the educational needs of its diverse local and global community. The College empowers students to achieve their educational goals by providing high quality and innovative programs and services leading to academic degrees, college transfer, certificates in career and technical education, basic skills and workforce development to enable lifelong learning. The College promotes student learning and development by fostering a respectful, supportive and participatory campus climate of student engagement and academic inquiry.

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MARINE SCIENCE STUDENTS EXPERIENCE TRIP OF A LIFETIME



CE



If kissing a gray whale sounds like the stuff of fairy tales, keep reading.

In mid-February Orange Coast College marine science students spent their Valentine's Day weekend traveling nearly 500 miles south of the border to Guerrero Negro, Baja Del Sur during a four-day trip that, by all accounts, exceeded even their wildest expectations.

The trip — part of OCC's Ecology A124 class and something the College hopes to offer every year — began early Friday as students and faculty members boarded a tour bus in San Diego bound for Mexico. They spent the next two days traveling through the Sonoran Desert

toward Scammon's Lagoon, a popular breeding ground for gray whales. Once they arrived, students and their instructors boarded small boats, or pangas, and crossed their fingers for a kiss.

"When we actually got out on the water, I had a fear of 'What if they don't come up to us?' But then they did," said student Carrara S. Onody. "The first whale that came up to us came up right underneath the boat and I was able to kiss [it]."

Onody wasn't alone. Most of the 23 students who made the trek were able to pet — and even plant a big one — on the friendly mammals. Many of the whale encounters

happened with mothers and their calves, who at 2 to 3 weeks old weighed in at about 1,400 pounds and measured 15 feet long.

“We teach a class on the ecology of the gray whale, but this brings it to life,” says marine science department chair Karen Baker, one of five faculty members to chaperone the trip. “The students have seen the calves, they’ve seen the moms, and they’ve seen mating, and they will never forget what they learned. It was an unforgettable experience.”

OCC has a reputation for sending its students to far corners of the world in search of the kind of hands-on learning they could never get from a textbook. In the past, the College has sent sailing students to Antarctica, ecology students to a private island in British Columbia, and study abroad students to well-known European cities for summer programs of study.

The trip to Scammon’s Lagoon was conceived over the



past few years, with marine science faculty members traveling to Guerrero Negro last year to do research on the feasibility of offering the trip to students. What they found was an opportunity that couldn’t be passed up, courtesy of a tour guide company who planned every last detail, from hotel and meal reservations to hikes through the desert to learn more about the plants that grow there.

The College’s Foundation partially funded the trip, even handing out two full scholarships to students who could not afford the discounted cost on their own. That generosity was not lost on the students who participated, many of whom were grateful for the chance to experience something not many people have.

“There’s no way to describe just how lucky we are to be able to have the chance to do this. It’s not every day that you are able to get so close to a whale,” says student Erik Caruso. “As cliché as it sounds, it’s better than I could have imagined.”

Onody echoes that sentiment.

“This trip far exceeded my expectations,” she said. “It’s been a life-changing experience”.

To learn more about OCC’s Marine Science department, visit www.orangecoastcollege.edu/marine_science

“There’s no way to describe just how lucky we are to be able to have the chance to do this. It’s not every day that you are able to get so close to a whale,” says student Erik Caruso.

DENNIS KELLY AQUARIUM NAMED FOR ESTEEMED PROFESSOR

The dedication ceremony for the Dennis Kelly Aquarium in late October caps the career of one of Orange Coast College's most highly regarded professors.

Named for the man who was hired as the first aquarium director in 1974, OCC's Dennis Kelly Aquarium boasts approximately 35 tanks and a total volume exceeding 4,000 gallons, making it the largest (and possibly only) student-run aquarium in the country.

Kelly — who retired in 2013 and still teaches at the College part-time — was instrumental in helping to grow and develop the place that now bears his name, leading hundreds of excursions into local waters to catch marine life that he would bring back to OCC for students to study.

Over the course of his 40-year teaching career, Kelly also took students to far corners of the world, in search of the type of learning they could not find in a textbook. From 1982 until 1999 Kelly led groups of students to the San Juan Islands, north of Seattle, for a week to study wild killer whales. He has been to Antarctica with students twice for research expeditions, to the South Pacific to study gray whales, and to Rabbit Island in Canada for field studies.

It was also Kelly who established the Aquarium as a student-run facility — while overseen by OCC marine science faculty members, the Aquarium is completely student run, and marine science students and managers who are enrolled in classes at OCC are responsible for all maintenance, species planning and husbandry decisions in the facility.

"Dennis Kelly not only directed the aquarium for nearly 40 years, he inspired students to develop the skills to become aquarium managers," says Marine Science instructor Karen Baker. "Many of his students continued in the field as professional aquarists and marine scientists."

More recently, the Aquarium has undergone a large expansion, including introducing a seahorse tank, a coral reef tank, freshwater planted and

aquaponics systems, a "monsters" tank for large fish, and a brackish tank that mimics the environment created when river water meets seawater in estuaries.

"In the last few months we have significantly expanded the number and diversity of systems housed in the OCC Public Aquarium," says Marine Science instructor Rob Ellis. "The primary goal was to be able to better demonstrate the complexity and diversity involved in aquarium science and to give the student managers enough systems so that they could take creative freedoms to work on individual projects that interested them."

Recently the Aquarium announced that it will open for weekly public hours and educational tours, giving the community a chance to experience firsthand the diverse marine life that OCC's marine science students are studying. Public hours will take place on Thursdays from 3-5 p.m.

The Aquarium also offers private tours for large groups. For more information contact occaquarium@occ.cccd.edu



“CTE is Going to Look Different in the Next Few Years”

As career education in California gets turned on its head, OCC’s newest CTE Director Lisa Knuppel maps out the future

Q *OCC’s Career and Technical Education programs have gone through a lot of changes in the past couple of years. What is your vision for this area of the College, and what are your plans are going forward?*

A: Let’s start with where CTE is at right now. We have some truly amazing CTE programs at OCC. In terms of quality, interest and variety, I think we provide unparalleled opportunities for students looking for career training.

Right now, we are at a true watershed because of a recent shift in federal and state thinking about higher education and the value of different kinds of degrees and educational pathways. It’s a really positive time — in my career as an educator and advocate for CTE, I have never seen this much money and positive attention focused on career education, and I think it’s well deserved.

OCC is in a tremendous position because we have so many different, strong CTE programs already in place that we can grow and build upon. A new funding initiative called “Strong Workforce” that is coming from the state provides great potential for us to reinvigorate and update existing programs and to build innovative new programs that cross over that traditional divide between academics and CTE. And really, that divide — that wall — is coming down. That’s the big news. CTE is going to look a lot different in the new few years.

Q *What do you think accounts for the shift in thinking that is opening up funding for CTE programs?*

A: For the past 20–25 years, there was a political groundswell of support for the idea of everyone going to college — an opening up of access and opportunity for all students to attain a four-year college degree. That’s a wonderful thing

in my view, because a college education has traditionally been the path to high-wage, professional careers.

But what ended up happening was when the door was opened for four-year degrees, the door for career-oriented pathways — what we used to call vocational education — was closed. They threw the baby out with the bath water, to coin an old phrase. We saw funding cuts that resulted in thriving, healthy CTE programs and facilities in high schools being discarded. There were sewing labs, construction shops, auto shops, even kitchen labs for foods or cooking classes that were precipitously dismantled; it was almost violent, it happened so fast. The end result was that students had no elective options to explore career paths or learn technical skills in school, and this narrowed their understanding and choices, and negatively impacted their ability to choose the right career path.

The economic downturn beginning in 2008 brought the issue into focus. Business and industry representatives — and economic data — told us that students graduating from college lacked the skills needed to fill high-wage, high-demand positions in the workforce. Lots of jobs in STEM areas — including industrial technology and health sciences — were left unfilled because the workforce lacked the right kind of education. We faced a literal crisis in the economic welfare of our state.

Through these difficult circumstances, the education community came to see that the single-minded focus on a four-year, liberal-arts-degree path as the only “right” way to go was too narrow. We realized that there are different paths to success, and that the right path is the one that fits a student’s life circumstances, goals and personal interests.

So the State of California commissioned some studies and assembled a task force that ultimately concluded that the solution was to reinforce career and technical education. The task force developed a list of recommendations and an initiative called “Doing What Matters for Jobs and the Economy” that gave some very specific direction to — and created funding for — community colleges in California. The funding stream dedicated to CTE that emerged from the task force recommendations is called the “Strong Workforce Program.” That program is feeding a lot of the change and improvement in CTE programs that you see today, and will continue to see at OCC in the future.

Q *Are you seeing a lot of students coming back to college, who have not succeeded in a traditional four-year transfer pathway?*

A: Yes. And we are also seeing students who have already achieved two- or four-year degrees who are returning to school to gain new or additional skills to help them find a job, to advance in their current job, or to pursue a new career path.

Many students graduating from high schools in the early 2000s were not prepared to succeed in a four-year university, and a high number of students coming into community colleges lacked direction and failed to graduate. Students who did graduate were often burdened by student loan debt that they accrued in pursuit of degrees that, in some cases, were not preparing them for any actual job.

Consider what it costs to live here in Orange County: for a two bedroom apartment, a family with one child needs an income somewhere between \$58,000 and \$64,000 a year. The average graduate from a four-year liberal arts program in California can expect to earn an average of \$36,000





Labor market data shows that a two-year CTE certificate from a community college can lead to a starting salary of up to \$63,000 a year in many high-demand fields

a year in their first job coming out of college. When you add in the fact that many four-year college graduates have amassed a high level of debt to obtain their degrees, you can see the problem.

Of course that's a generalization, but the job market is competitive and specialized and we know that folks without focused, marketable job skills struggle to find high-paying jobs that will support a family in Orange County. On the other hand, labor market data shows that a two-year CTE certificate from a community college can lead to a starting salary of up to \$63,000 a year in many high-demand fields such as industrial technology, health technology and computer technology. What this means is that CTE programs can provide a low-cost, fast and high-yielding means to achieving a living-wage career — oftentimes more so than a four-year degree — in Orange County. I don't think very many people realize that.

Q *So what are some ideas you have for spreading the message that CTE is making a comeback? Is there an example of a program that's leading the charge?*

A: I want to start with changing the messaging about CTE, both inside and outside of the college. We're beginning with developing new informational outreach messaging, with materials to educate our current and future students and their families about the potential of CTE programs.

One of the first programs we are working on is advanced manufacturing technology, which is an industry that really needs the educated, skilled workers that our program can provide. The growth and job availability for our students is huge, but few people in our community really know what a career path in that field looks like, or what it offers. A job in manufacturing used to conjure up notions of repetitive, unskilled labor — a machinist standing in front of a small, manually operated mill producing simple objects for hours on end. But today the work is actually very high tech

and requires advanced training and high levels of critical thought and skill. Our machine technology students work with cutting-edge, industry-standard equipment, learning computer programming and engineering technology within our machining/manufacturing program. OCC also receives a great deal of support from industry partners who guide our programs and provide internships and other work-based learning for our students. They often hire our students as soon as they graduate.

We are also participating in large-scale outreach activities in schools and throughout the community to communicate the new reality and possibility in CTE at OCC. One example is the "First Flight" field trip event in April, sponsored by the Anaheim Ducks. Over 16,000 students and teachers from more than 115 schools in Orange, Riverside, San Bernardino, and Los Angeles Counties will come together at the Honda Center to learn about STEM programs and careers — OCC will be there to spread the word about what our CTE programs have to offer.

Q *Are there any plans for new CTE programs at OCC?*

A: Yes. Last fall our Business division launched a new CTE certificate program developed through the "Doing What Matters" initiative. This Business Information Worker (BIW) certificate program will give students foundational business office skills to prepare them for jobs in a variety of office settings.

Anybody who wants to work in an office environment can benefit from this program of study — it's applicable across nearly every industry sector — and there is a high demand for entry-level administrative professionals in Orange County. The BIW program provides students with job-ready skills in a short period of time so they can choose to go to work right away, and earn a living while they continue to pursue higher-level further education and skills training if they want to.

We are also developing a new drone technology program that will give students skills in aviation computer programming and systems control technology. Drones are being used in diverse business and industry applications from video production to public safety and even agriculture, so training in this area provides a foundation to pursue success in a wide variety of careers.

On another front, we are also opening a new Innovation Lab or “Makerspace” next fall. The Innovation Space will bring together a variety of design, technology and entrepreneurship programs and classes. All of these changes reflect real-time developments and emerging opportunities in the world outside of Orange Coast College. The goal of this innovation and change in CTE is to provide students with the knowledge, experience and skills to be successful in their lives and careers, whatever their goals.

Q *Last question: What do you see for the future of CTE programs at OCC? What are some of your goals?*

A: I'm looking forward to developing and strengthening OCC's relationship with local high schools and other community partners. As we build these innovative new CTE programs that cross over traditional disciplines and divisions, I'd also like to focus on developing or changing our interface with students and the community; we need to make it easy to get and share information, and to connect to the right person or program. It's my goal to bring down barriers and forge connections — it's all about relationships and “doing what matters” to create clear and accessible pathways to success for everybody.

There are some challenges, including a historical belief in the education community that career and technical education is not as valuable as a four-year degree transfer path. But as I mentioned before there's a lot of labor market and economic trend data to contradict that. I hope to show people that CTE programs provide training and education that can really help them succeed in the world.



OCC CHAMBER SINGERS PERFORM IN THE BIG APPLE

This past summer, 40 members of Orange Coast College's elite singing group, the OCC Chamber Singers, were invited to New York City to perform at Carnegie Hall.

There, singers from Coast joined a chorus of more than 250 voices singing Mozart's “Requiem” to a sold-out house.

For many, it was an unforgettable experience.

“Attending this trip with fellow musicians who have the same love for this piece of music was an overwhelming feeling — a feeling of true joy,” said OCC music student Brandi Birdsong. “I told myself ‘Wow, I’m in New York. And I’m doing what I love with hundreds of others who love it, too.’”

The trip was partially funded by generous donors, which enabled almost the entire OCC chorus to attend. Students practiced every day in the weeks leading up to their arrival in New York, and even had a chance to take in the sights of New York, including visiting the 9/11 Memorial, the ballet, museums and Central Park.

OCC's Chamber Singers have been invited to return in June 2017, to perform Kirke Mechem's “Songs of the Slave.” They will be directed by Coast music faculty member Eliza Rubenstein.



WATER WISE: OCC GETS DROUGHT SMART

By Joe Stead

Maintaining a landscape the size of Orange Coast College — about 165 acres — is a daunting and time-consuming challenge for everyone involved. Keeping the large turf areas is only part of the never-ending responsibilities for our groundskeepers. If Southern California had an unlimited supply of water for irrigation, this practice would be acceptable. However, despite recent rainfall, we are entering our sixth year of drought conditions.

Conserving water, our most precious resource, is still the best way to prepare for drought conditions; we should not use more than what Mother Nature provides. Currently, at OCC, we are employing the power of technology to resource our use of water. As an example, all of the landscape areas are sustained with reclaimed water. A water-efficient nozzle on sprinklers and computer-controlled irrigation provide precise watering efforts. Hourly data from weather stations in the area allows accurate adjustments to watering schedules. Benefitting from this technology, we are able to save up to 35 percent in water usage. By reducing a portion of the turf areas on campus, we can save even more water. Some of these areas only experience foot traffic from the groundskeepers. One solution would be replacing turf areas of minimal usage with drought tolerant landscape.

About five years ago, a proposal was presented to the Facilities Committee by the Horticulture Department that suggested removing ivy on the south side of the chemistry building. The large area measured 20 feet deep and 80 feet wide and would be replaced with a succulent garden. Since I teach a class titled “Cactus, Succulents and Their Use In Landscape,” I tasked each student with designing

the intended area as part of their final exam. The best aspects of these designs were then incorporated into the final Landscape Succulent Garden, and after OCC’s College Facilities Committee approved the plans and granted \$10,000.00 for the completion of the project, the work began.

The majority of funding was spent to purchase topsoil for mounded planting beds and large rocks that were craned into position. A River Rock Arroyo was created by hand placing each rock to look as if water were flowing through it. After a week of soil and rock preparation, it was time for the plants. Most of the planting material was donated or grown by the Horticulture Department. The garden is divided into three geographic regions of the world. The sections consist of the New World area, Madagascar Island (center) and The African Continent. Pulling an occasional weed or pruning plant material, the garden is maintained by the Horticulture Department staff, students and volunteers. Horticulture and Design students use the garden for plant identification and landscape design. The garden is hand watered once a month in the summer and much less in the winter depending upon our rainfall.

By presenting our Succulent Garden in a visually pleasing landscape, students, staff and visitors to our campus may incorporate them into their landscape. The Orange Coast College Maintenance and Operations department, along with the Horticulture department, is committed to changing our campus into a more drought tolerant landscape saving time, but most of all WATER.

GOING GREEN:

OCC Breaks Ground on First LEED Certified Building on Campus

Orange Coast College broke ground on its new recycling center in early May, moving one step closer to opening the first Leadership in Energy and Environmental Design (LEED) certified building on its 164-acre campus.

The College plans to pursue gold LEED certification for the Center to signify its status as a green building. Although several newer buildings on OCC's campus meet LEED certification standards, the Recycling Center will be the first building at OCC to receive the designation.

The new Recycling Center will expand on the popular community resource by adding two classrooms and administrative offices, and increasing parking spaces from eight to 45 spots. The new center also will include raised planter beds, where recycling center staff plan to demonstrate organic gardening, composting and mulching, and men's and women's showers to encourage bicycle commuting, and provide student workers with an area to clean up.

Power for the Recycling Center's new administrative building will be generated for the facility with solar panels.

In addition to being more environmentally friendly, the increased square footage of the new recycling center will allow OCC to expand on the services it offers to local residents.

"We're going to have enough space to possibly expand the types of materials we collect and possibly expand the types of materials we pay for," said OCC Environmental Sustainability Coordinator Mike Carey. "The additional room also will allow us to collect and store materials for a longer period of time and ship less frequently, thereby reducing the carbon footprint involved in transporting materials."

Modular buildings that will make-up the new OCC Recycling Center were delivered to campus the first week in October. Four modules will make up the Recycling Center's administrative building, and each module comes with pre-installed solar panels and solar tubes to allow natural sunlight to illuminate the rooms, as well as energy efficient lighting.





BEYOND DROP, COVER AND HOLD ON

Geology Professor Erik Bender explains what will really happen when the Big One hits, and how to be prepared

When it comes to teaching his students about the realities of a major earthquake in Southern California, Orange Coast College geology professor Erik Bender knows what he's up against. With the average age of OCC students hovering somewhere between 18 and 25 years, Bender understands that most of the kids that sit in his classroom each day have never experienced a large earthquake, and those that have were probably too young to remember it.

Still ... he tries.

"I tell them it's kind of like Godzilla," Bender says. "It's something so big and bad, you almost can't believe its real. People can't fathom the amount of motion and the amount of damage that could happen."

Fortunately, Bender has the tools to give his students an idea, if only theoretically. After receiving an anonymous \$120,000 donation last year, the College installed three seismographs at various locations in the Southland, including one on OCC's campus (the other two are located in Palos Verdes and Laguna Beach.)

The instrument is solar powered and tethered to the ground with 20-foot-deep posts. OCC's seismographs also include a cell tower and GPS capabilities that would allow for data to be gathered and shared, even if power and cell service went out in the area.

Bender uses the seismographs and other tools to teach his students about the region's seismic activity, and potential hazards. While it's impossible to predict the timing and size of Southern California's next large earthquake, there are still some predictions that seismologists can confidently make.

For example, of the ever-elusive San Andreas fault — which is expected to break at any time with an earthquake measuring a minimum 7.8 magnitude — Bender says: “[In this area] you would be talking about ground motions that are in excess of 2 feet per second, for two minutes or more.”

Theorizing about what would happen if the ground repeatedly and violently rose and fell by 2-plus feet at a time, Bender doesn't mince words: older buildings — specifically anything built before the 1970s — would likely collapse. Overpasses and bridges, too.

All basic utilities would be interrupted — most gas, water, electricity lines that service Southern California cross the San Andreas fault line and would be inaccessible for at least a week, probably more. City sewer systems would be incapacitated for months. Most of this would happen after the first round of shaking, and doesn't account for the additional damage brought on by large aftershocks that will likely follow.

Locally, cities that sit atop the Santa Ana riverbed — such as Huntington Beach and Fountain Valley — would feel the brunt of the shaking, an unfortunate consequence of being built on soft sedimentary rock that once formed the bottom of one of the region's largest waterways.

The San Andreas fault — which extends roughly 800 miles across California, beginning

just east of San Diego at the Salton Sea and ending off the coast about 250 miles north of San Francisco — last erupted in 1875 with a 7.9 quake that became known as the Fort Tejon Earthquake. That temblor stretched for 225 miles and was so powerful that soil liquefied, causing trees across region to sink.

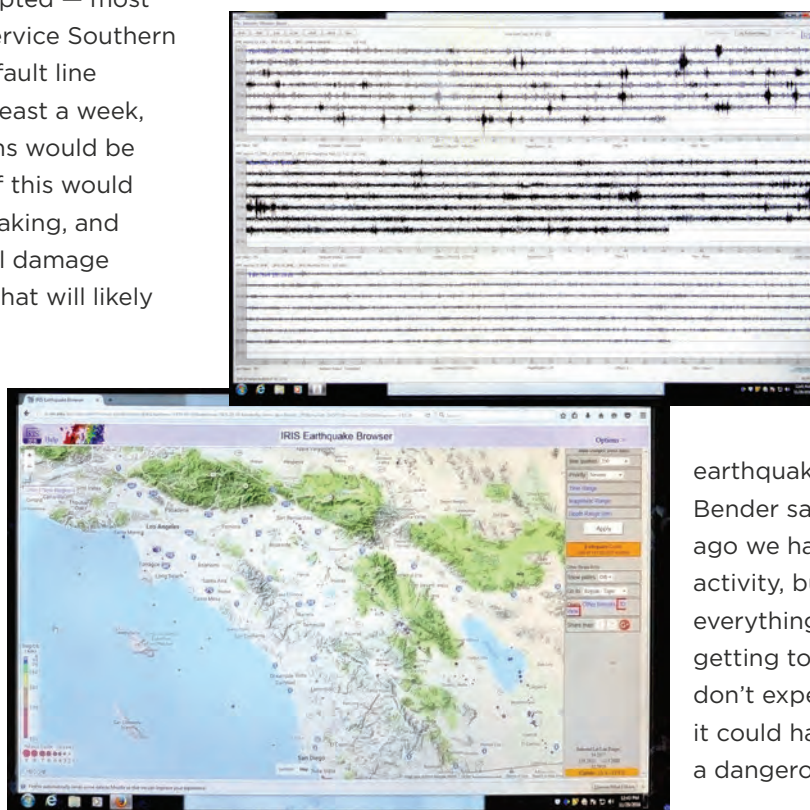
The Fort Tejon quake was preceded by several foreshocks a few short hours before the main event, a common occurrence before major earthquakes and the best chance the state has for an early warning before the next Big One. “About half of the really big earthquakes that have occurred throughout history have had foreshocks,” Bender says.

It's this fact that spurred seismologists to issue an earthquake warning in late September after a swarm of earthquakes ruptured near the Salton Sea.

Even so, Bender urges people to take the warnings with a grain of salt. “Currently, the probability of an earthquake larger than 7.8 occurring along the San Andreas is 1 percent. With the swarm, that probability jumped to 2 percent, but only for about 24 hours.”

It's not an excuse to grow complacent. Historically, the San Andreas has endured a major rupture every 145 years, give or take 15 years. That timeline means that come next year, we'll be overdue.

“I think of this as a scary time because there seems to be a lull in the amount of earthquakes that are occurring,” Bender says. “Twenty years ago we had much more seismic activity, but now all of a sudden, everything's turned off. We're getting to a place where people don't expect it, and the reality is it could happen tomorrow. That's a dangerous place to be.”





TAKING TO THE SKIES:

OCC Revamps its Aviation Pilot Training Program

Dr. Stanley Harriman faced an uphill climb when he joined Orange Coast College's Aviation Pilot Training program two years ago.

The program — known for being an affordable option for flight training in Orange County — was beginning to falter under the challenges it faced: out-of-date equipment, facilities in need of a facelift, and generally low morale.

Some fixes were easier than others; together with flight operations coordinator Amy Fuller, one of the first things Dr. Harriman did was re-decorate the aviation program's offices, creating a lounge that mimics the modern, clean aesthetic one might find in an airport. Leather couches, a fresh coat of paint, new TV monitors, and framed aviation posters created a space for students to hang out in between classes and labs.

The effect was almost instantaneous — on any given day, students can be found in the lounge area, studying, trading stories and notes, and even organizing potlucks and movie nights; because the lounge is flanked by faculty offices, the answers to their questions are often only a few steps away.

The program received another boost in April, with the acquisition of two new Redbird flight simulators. At a total cost of \$90,000, the new simulators replaced the obsolete technology of the College's former simulators and opened the door for fresh curriculum and labs.

"This is the latest and greatest," Dr. Harriman says. "What's great about it is that the [new simulators] are so realistic that the Federal Aviation Administration sees that as time that student pilots can log as flight experience. That's a very big draw for a lot of aviation students."

Last fall, OCC's aviation pilot training program was able to offer a lab where students could accrue hours they need to obtain their pilots license: up to 20 hours for their instrument rating and up to 50 hours for their commercial rating.

With the cost of training on the simulators coming in at half the cost of traditional flying lessons, students hoping to become pilots who have limited means now have a more affordable option.



"We want to try to remain competitive in terms of our flight training costs, and a lot of the costs that are associated with flight training programs are from actually flying the airplanes," Dr. Harriman says. "So if students can accrue the hours they need in flight simulators, it gives us a competitive edge to draw students to our program."

According to Dr. Harriman, OCC's aviation pilot training program is approximately 30 percent more cost effective compared to other local flight training programs in Orange County. The College flies airplanes at cost – student fees only cover the cost to maintain and fly airplanes owned by the school.

Aviation students can get their license in 18 months to 2 years, depending on the classes they take, and students can receive college credit that is applicable toward a four-year degree.

Did you Know?

According to a 2015 report by The Boeing Company, there will be a worldwide shortage of 617,000 trained commercial pilots over the next 20 years.

To learn more about OCC's aviation program, www.orangecoastcollege.edu/aviationpilottraining

MEET DR. STANLEY HARRIMAN

Since being hired as an Aviation instructor in 2015, it's safe to say that Dr. Stanley Harriman has revitalized OCC's Aviation Pilot Training program.



In the past two years, enrollment of flight students has increased by approximately 500 percent, due largely in part to Dr. Harriman's marketing efforts and the lower costs associated with the program's new Redbird flight simulators, which he helped procure.

Also under Dr. Harriman's watch, enrollment in flight labs (that is, students taking in-the-air flight lessons) has increased by more than 700 percent, and the College is now looking to buy more airplanes to accommodate the increase in demand. Additionally, he has established a rigorous maintenance program to ensure that all aircraft owned and operated by the College are airworthy and certified by the FAA, and he has assembled a flight team that competed this past November at SAFECON at San Jose State University.

A graduate of Purdue University, Dr. Harriman has worked in collegiate aviation for the past 15 years. He also has worked as an air ambulance pilot, transporting terminally ill patients to specialty clinics around the country.



OCC THEATRE FOR SOCIAL JUSTICE

For many student actors, last year's production of "One More Day" — which documents the Mexican Bracero farm worker movement in California — was personal. "I was touched by how this story resonated with the cast, their families, and audiences," says Director and OCC Theatre instructor Tom Bruno.

Inspired by those responses he decided to meld social justice with theatre at Coast.

This past fall, the College's theatre department presented an adaptation of Bert Brecht's "The Good Person of Setzuan" as the inaugural production of its recently created OCC Theatre for Social Justice Series. The play told the story of a young prostitute determined to lead a good and moral life, in spite of an economic boon that leads to hard choices.

"[The Good Person of Setzuan] seemed to me to be tailor-made to be the first production of OCC's Theatre for Social Justice series," says Bruno. "In it, the playwright directly appeals to the audience to fix societal injustices and disparity between the 'haves' and the 'have nots.'"

Bruno invited all student clubs on campus that are involved with community outreach to set up tables with their information outside the theatre during performances. Amnesty International and the International Christian Friends took him up on his offer.

"My vision is to have one production per season be an offering for the OCC Theatre for Social Justice series, and to include groups from the community to join us," Bruno says.



OCC: A GLOBAL INSTITUTION

By Nathan Jensen & Mireille Halley

It was 1992; I was on the street surrounded by Italians young and old staring at me and my friends intently as they waited to see what we would do next. So intense was their attention, we could not be sure how they felt about us. And so in the cool of the evening, we began to play a song.

It was not just any song; it was “Sorrento”, a song much loved by Italians. When that beautiful melody came to an end their rapt attention gave way to shouts of “Bravo! Bravo!” and applause. In that moment, at 20 years old, a music major playing bass sax in a college ensemble performing an Italian song for Italians, my life was changed forever. Without this moment, I would not be here at OCC working to provide students similar life changing moments.

This past summer OCC opened the Global Engagement Center (GEC) to bring together the support services for international students, support for faculty creating study abroad programs, assistance for students to find study abroad programs, and the IEC@OCC intensive English program.

In addition, the Multicultural Center opened last fall within the GEC, offering a safe place for events and activities that reflect OCC’s diverse campus community and to promote inclusion and diversity. These two centers, located in the middle of campus, are an important part of OCC’s mission “To service the educational needs of our diverse local and global community.”

The Multicultural Center — due to the efforts of OCC counselor Eric Cuellar — has already hosted speakers like Victor Villaseñor, a Pulitzer nominated author who challenged students to recognize their own genius, and

Beverly Tate who used the works of Malcolm Gladwell and others to help students access the “GRIT” to succeed.

In November, the International and Multicultural Committee held a Día de los Muertos event enjoyed by staff members and students alike, and this past fall semester, the Equity Program has held events that challenge culturally biased views of history and provide training for faculty and staff on how they can be an Equity Ally. I have personally witnessed the tremendous impact these events can have on participants as they learn practical skills, experience diverse cultures, and engage with others in the OCC community.

As many of you know, OCC enrolls nearly 1200 international students from more than 70 countries. In January our first group of IEC@OCC intensive English program students arrived at coast. The GEC supports these students in variety of ways from the time they are first interested in OCC to when they transfer or graduate.

These students benefit from studying with us but they also have an impact on other students. When an international student works on a group project, or participates in a club, or co-curricular activity with domestic students, it is an opportunity for the domestic and the international student to discover common and differing perspectives while learning to build consensus with one another. This helps students to challenge assumptions and see their own culture through another lens.

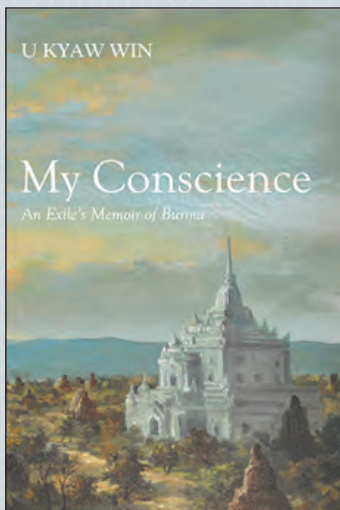
If you would like more information about OCC’s Global Engagement Center or Study Abroad programs, please contact me at (714) 432-5909 or at njensen@occ.cccd.edu

RETIRED OCC FACULTY PUBLISH BOOKS IN 2016

In early July, retired OCC professor of counseling services Dr. U Kyaw Win published a memoir titled “My Conscience: An Exile’s Memoir of Burma.”

Win, who worked at OCC for 30 years from 1968 until 1998, was born in Burma (now Myanmar) during colonial rule, and experienced both Japanese occupation and the early days of the country’s independence. While studying abroad, the Burmese military seized power and he was unable to return home for 40 years. Win’s memoir tells the story of his life-long efforts to restore freedom to his homeland.

Retired English professor Raymond Obstfeld also published a book in August, co-written with longtime collaborator

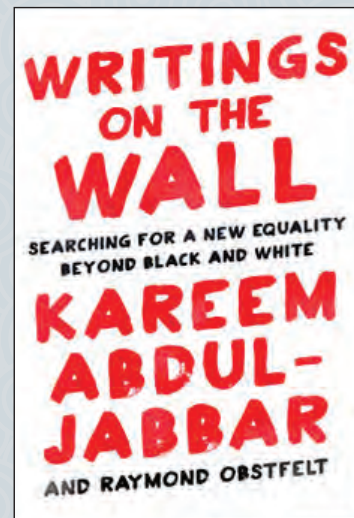


retired Lakers basketball player Kareem Abdul-Jabbar.

Obstfeld retired from Coast in 2015 after teaching for 39 years, and currently teaches at the College part-time. He has published more than 50 works, ranging from screenplays to novels to poetry.

His newest book, titled “Writings on the Wall: Searching for a New Equality Beyond Black and White” is a collection of essays on social and political issues such as racism, religion, gender, sports, and politics.

Both Win and Obstfeld’s books currently are available on Amazon.com



RETIRED ADMINISTRATOR GIFTS \$1.2 MILLION TO OCC FROM HER ESTATE

In late October, the Orange Coast College Foundation received a disbursement of \$1,012,500 from the estate of retired faculty member and administrator Jane Hilgendorf, who passed away in March.

Seventy-five percent of the money will go toward OCC’s Athletics department, and 25 percent toward the Friends of the OCC Library, for which Hilgendorf served on the Board. Additionally, \$20,000 was received from the trust for a scholarship benefitting outstanding transferring OCC Women’s Volleyball players.

Hilgendorf became a member of OCC’s faculty in 1970, and served as the women’s volleyball coach for many years.

She eventually became the dean of physical education and athletics before retiring in 2000. Before her death, she was a longtime generous donor to the OCC Foundation.

“One of the great pleasures of my position at OCC is the great people I get to meet and work with on a daily basis. Jane Hilgendorf was certainly in that category as a person and an educator. She will be missed by all of us at OCC,” says Foundation Executive Director Doug Bennett.

OCC’s Foundation Board will develop a management plan for the fund.

WAR ZONE

Pulitzer Prize Winning Photojournalist Carol Guzy Shares Her Experiences with Students

Four-time Pulitzer Prize winning photojournalist Carol Guzy visited OCC in late April to give a guest lecture to photography students.

Guzy has made her mark in the world of photojournalism covering various hot spots around the world, including Haiti, Ethiopia, Sierra Leone, and Kosovo. She most recently worked as a photographer at the Washington Post, and is one of only four people to have won the Pulitzer Prize four times (she is the only journalist to have done so.)

Students, faculty and staff attended the talk, where Guzy shared her experiences and how they affected her life



and career during the past 30-plus years. Following her speech, she shared a slideshow of photos set to music, and closed with a question and answer session.



RETIRED FACULTY MEMBER HANK PANIAN RECEIVES MAYOR'S AWARD

In May, retired Orange Coast College history professor and community activist Hank Panian received the prestigious Mayor's Award from the City of Costa Mesa. It was a fitting tribute to a man whose contributions to the Costa Mesa community span more than half a century.

Panian arrived in Costa Mesa in 1956 to teach California and U.S. History at OCC, a post he held for the next 34 years. Shortly after moving to the city, he became involved in local water conservation efforts and the consolidation of water distribution services in the area. Panian served on the board of directors for the Mesa Consolidated Water District for more than 20 years, and in 2010 he received the Lifetime Water Achievement award.

Panian also was a founding member of the Costa Mesa Historical Society, and in addition to serving as president of the organization, he also was the editor of the Costa Mesa Historical Society Quarterly.

More than 200 people attended the Mayor's Celebration: The Art of Leadership dinner, which was held in the Samueli Theatre at the Segerstrom Center for the Arts.

"I'm honored to accept this award," Panian told attendees. "Community service is not a one-person job. It's a collaboration of hundreds of people. I accept and share this award on behalf of all of those people."



DISTINGUISHED ALUMNUS JAMES GOODRICH PERFORMS 7th CRANIOPAGUS SURGERY

In mid-October, Orange Coast College graduate and internationally renowned neurosurgeon Dr. James T. Goodrich performed one of the most incredible feats of his career: after a 27-hour surgery — documented by television news network CNN — conjoined twins Jadon and Anias McDonald were successfully separated.



Photo: Krisanne Johnson, Verbatim for CNN

It was the seventh craniopagus surgery performed by Dr. Goodrich, who is considered the leading expert in complex craniofacial anomalies in the world. Four months after surgery, 1-1/2 year old Jadon and Anais are recovering well, and by all accounts, the surgery was a success.

Dr. Goodrich first came to OCC in 1968, after serving in the Marine Corps in Vietnam. A less-than-stellar high school student, he found a second chance at Coast and graduated with honors. He went on to earn his bachelor's degree from UC Irvine, a master's and doctorate degree from Columbia University, and an M.D. from Columbia University College of Physicians and Surgeons.

Inducted into OCC's Alumni Hall of Fame in 1984, Dr. Goodrich has pioneered new techniques in conjoined craniofacial separation surgery over the course of his career, including separating the procedure into shorter, multi-step stages, and building 3D models of the brain in order to assist with navigating interwoven blood vessels and brain tissue. None of Dr. Goodrich's conjoined twin patients has ever died during the separation operation.

The complete series of articles documenting the McDonald twins separation can be found on www.cnn.com by searching "Dr. James Goodrich."

RUGBY COACH, OCC ALUM JACK CLARK PICKS UP 5th STRAIGHT PAC-7 CROWN

Legendary rugby coach Jack Clark is having a banner year.

In late October, in 2016 OCC alumni Jack Clark — who was a top player for the National Champion Pirate football team in 1975 — was honored at the College's Athletics Hall of Fame. Two weeks later, he capped a stellar season as the head rugby coach at University of California, Berkeley by winning his fifth straight PAC 7 Rugby Championship.

The Golden Bears defeated Arizona State 47-14 on Nov. 13 to win the crown, and Clark added another feather to his very crowded hat. During his 33-year tenure as a head coach at Cal, the Golden Bears have won 27 national collegiate championships. Clark was the head coach of the U.S. National Team from 1993-99 and helped the Americans to 16 international test matches, the most ever by a U.S.



National Team head coach. In 2014, Clark was inducted into the U.S. Rugby Hall of Fame and in 2016 he was enshrined into the Cal Hall of Fame.

During his time at Coast, Clark played under iconic coach Dick Tucker, for whom OCC's football field was recently named (see page 29). Of his community college alma mater, Clark says, "I lucked into the best decision of my life, coming to Orange Coast College. This school helped me grow up. I met amazing people, especially my head coach (Dick Tucker), who was a magnificent mentor to me. He taught me the importance of tradition, atmosphere and organization and that's something that's stuck with me for my entire life."

OCC THEATRE ALUMS SAY GOODBYE TO BREAKOUT SHOW, LOOK AHEAD

After seven seasons on Comedy Central, OCC alums Adam Devine and Blake Anderson will bid adieu to the series that launched their careers.

Devine and Anderson are two of the lead actors on the network's *Workaholics* comedy show about three slacker roommates working in their first jobs after college. The show became a breakout hit almost overnight, garnering a cult-like following and transforming its actors into Hollywood stars.

Devine and Anderson, along with fellow actors Anders Holm and Kyle Newacheck, have started a production company called Mail Order Comedy and currently are producing a movie for Netflix with comedian and actor Seth Rogen.

Devine also has a recurring role on hit TV show "Modern Family" and starred last summer in the film "Mike and Dave Need Wedding Dates."



THE MOST INTERESTING MAN AT OCC



Laird Hayes has a habit of being in the right place at the right time.

Case in point: nearly five years ago, as the New England Patriots battled it out in the final minutes against the New York Giants during Super Bowl XLVI, Hayes, as the National Football League's side judge number 125, found himself making one of the toughest calls ever made during a Super Bowl.

After New England was forced to punt with a little more than 3 minutes left in the game, Giants quarterback Eli Manning threw a 38 yard pass to receiver Mario Manningham, who caught it within inches, perhaps centimeters, of the sideline. It was not immediately clear whether he had both feet on the ground and maintained control of the ball. Hayes, who was standing a few feet away and who might have been the only person in the stadium with a clear view of the action, ruled the catch complete. After review, Hayes' ruling held and the Giants went on to win the title.

"In my brain that play went in slow motion. I was in the right position. I got lucky," he says.

Maybe.

Most people who know Hayes would agree that his life is the very definition of "lucky." First as an administrator-turned-coach and instructor in OCC's Physical Education department for 35 years, then as a referee of the PAC-10 (now Pac-12) college football conference for 11 years, and finally as a side judge for the NFL with three Super Bowl games under his belt for the past 22 years. But look a little closer, and you will see a man who has always prepared and positioned himself to take full advantage of the opportunities that came his way.

Hayes spent his childhood in Santa Barbara, the third of four boys. Growing up, he often played the role of mediator – possibly a result of his birth order, his laid back personality, his natural people skills, or a combination of all three. In any case, it prepared him well for his first stint officiating – while studying as an undergrad at Princeton University, Hayes saw an advertisement for a basketball refereeing gig that paid \$10 per game. He signed up.

After moving to Los Angeles for graduate school at

“I don’t know what would have happened in my life if I didn’t work at OCC.”

UCLA, Hayes joined the Los Angeles Basketball Officials Association and began officiating for high school games in his spare time. At that point, he became hooked.

“It’s conflict resolution – that’s all officiating is,” Hayes says. “You’re there to enforce the rules, because you want the game played fairly. But what you end up doing is talking to players and talking to coaches to make sure that the game runs smoothly. That’s what I do, and I’m pretty good at it.”

The same skills that make Hayes a “pretty good” sports official translated well to higher education. After earning his doctorate in Higher Ed at UCLA, he was hired at Orange Coast College in 1976 as an Assistant Dean of Student Activities. However, it didn’t take long for him to be re-routed into coaching and teaching physical education – roles that invariably allowed him to combine his passion for the rules of the game with his passion for students.

In 1987 Hayes was asked to fill in temporarily as OCC’s men’s soccer coach. Soccer is one of the few sports he did not play in his youth, and a less optimistic person might cite a lack of experience as a reason for not wanting the job. But Hayes has never been short on optimism. His one-year assignment turned into a 25-year run, and under Hayes’ direction the men’s soccer program notched seven Orange Empire Conference titles and two state championships. More importantly – to him at least – his years coaching earned Hayes the admiration of his players.

“I know my limitations and you can’t fool people. So I never pretended that I knew a whole lot about soccer,” he says. “But I know about people, I know about competing, I know about sportsmanship and I know about work ethic.”

Hayes also began teaching surfing classes at OCC shortly after being hired, a class he still teaches today. He coached the College’s since-shuttered surfing team, and even took students to compete in Hawaii.

Surfing and soccer may seem like strange bedfellows, but for Hayes it’s not even the tip of the iceberg. During his teaching career at OCC, Hayes taught First Aid/CPR, aerobics, table tennis, aquafitness and bowling classes.



Oftentimes, he had little to no experience in these subjects beforehand, and spent time and effort taking classes himself in order to then turn around and teach. A naturally positive person, Hayes saw the value of experiencing something new.

“Whenever they asked me to do something, I said yes,” Hayes says. “The reason I did it was to be a good citizen, a good employee. I felt so lucky to be at OCC.

Also, I would get bored teaching the same thing over and over. Every two years I had to learn something new and teach it as best I could. I don’t know what would have happened in my life if I didn’t work at OCC.”

Hayes ended up retiring from Coast in 2011, but continues to teach surfing classes as a part-time instructor. He also continues his role as an NFL referee, though he’s contemplating retirement from that as well.

“You can’t do this forever,” he says. “The plan is that this will be my last year, but it may not.”

Either way, it’s clear that Hayes is grateful for the experiences he’s had, and that he’s not done passing on his secrets for success to his students.

At the beginning of each semester, regardless of their level of skill or life circumstances, Hayes requires two things of the 40–50 surfing students in his class: be on time to class, and write a letter of gratitude to someone in their lives.

“It’s fun for me, being around young kids,” he says. “The way I see it, my job is to help my students, and to try and make them better, more productive people. I’d like to think I can have some sort of positive influence on them.”



STATE CHAMPS 2016

Pirate Women Cap Amazing Season with State Title

In one of the most dominating performances in state swimming history, the Orange Coast College women's swim team captured the state title at the 2016 California Community College Athletic Association State Swimming and Diving Championships, hosted by East Los Angeles College in early May.

Winners of an incredible 12 individual and relay events, the Pirates ruled the pool over the entire three-day event and came home with the championship hardware to prove it. Coast finished the meet with 569 points, well ahead of second-place Sierra College, who scored 337 points, followed by Santa Rosa (294), Santa Barbara City College (281) and Golden West (264).

"We spent all year working for this weekend and this result is exactly what we were going for," said Orange Coast head coach and State Women's Coach of the Year Anthony Iacopetti. "These results came from discipline and hard work and couldn't be more proud of our team."

It was the 18th women's state team title in school history for the Pirates and their first since 2012.

OCC Sophomore Rebecca Aguilar, named State Swimmer of the Year following the meet, competed in the 100-yard freestyle and completed her freestyle hat trick with a start-to-finish victory, touching the wall with a time of 50.59 seconds. Over the first two days, the OCC Female Athlete of the Year won gold in the 50 free and 200 free and

finished her OCC career with five individual state titles.

"When she puts her mind to something, she really gets after it," Iacopetti said about Aguilar. "She's extremely strong-willed and determined, and I couldn't be more proud of her."

Perhaps the most amazing feat of her fifth and final individual title occurred in the final lap of her race where she clocked in with a 25.5, but did so in a remarkable way. "She only took one breath over that last lap," Iacopetti said with a big smile on his face. "The mental toughness it takes to fight off fatigue and still be able to push yourself to that high of a level is remarkable."

In her final race of her Coast career, Aguilar wrapped up the State Meet by anchoring the state-champion 400 freestyle relay, joining Nacinda Paap, Alexa Clayfield and Sierra Cox for a winning time of 3:31.8, over four seconds ahead of runner-up Golden West (3:35.98).

On the opening day of the State Meet, Coast set the tone to the rest of the field that they were competing for second places as the Pirates won five individual titles and never looked back.

Paap, Clayfield, Cox and Aguilar opened the meet by winning the 200 freestyle relay with a time of 1:36.0. Cox then returned to action for the 500 free and edged out GWC rival Suzanna Gonzales to claim the title with a time of 5:02.27, just ahead of Gonzales' time of 5:02.61.

In the 200 individual medley, Clayfield battled San Mateo's Erica Vong tooth and nail before the OCC sophomore edged out her CSM nemesis with a winning time of 2:06.62. Vong (2:06.89) finished second, while Santa Barbara City College's Addison Seale (2:11.07) took third.

Aguilar returned to the pool for the 50-yard freestyle and the defending state champion made it two straight as she blistered the field with a winning time of 23.33, just .09 off of the state meet record and .87 over the rest of the state's best in the event.

Finally, in the 400 medley relay, Cox anchored a squad that featured Lauren Weins, Hannah Veseth, Cox and Alexis Hill and the Pirate foursome cruised to a six-second win with a time of 3:54.77. Veseth's 1:05.26 in the breaststroke leg put OCC ahead by four seconds and from there, Coast was able to extend its lead to win handily.

In all, the OCC women earned 12 gold medals, two silver medals and three bronze medals over the entire 20-event State Meet.

OCC NAMES NEW ATHLETIC DIRECTOR

In July, Orange Coast College announced the hiring of Jason Kehler as its Athletic Director, following a comprehensive national search.

Kehler comes to Coast after a 10-year career at Santa Ana College, where he served as the school's Sports Information Coordinator and, over the past two years, as the school's Assistant Director of Athletics and Sports Information.

In addition to his normal job duties at SAC, Kehler served as the Vice President and President of the California Community College Sports Information Association (CCCSIA) from 2010-2014, where he provided leadership and guidance to other sports information professionals within the California Community College Athletic Association (CCCAA).

One of the brightest newcomers in the CCCSIA, Kehler was awarded the "Brass Top Award" as the top Sports Information Director in the state in 2014 and he served on two CCCAA Management Council sub-committees for the implementation of statewide statistics and social media.

Kehler graduated from California State University, Fullerton in 2005 with a bachelor's degree in communications and while at SAC, he earned his master's degree in coaching and athletic

administration in 2012 from Concordia University, Irvine.

"Joining the athletic department at Orange Coast is kind of surreal," Kehler said. "It's one of the premier athletic departments in the CCCAA and to be a part of it is truly an honor. After watching Coast from the other side of the field for all of these years, and getting to know members of the staff, it's a privilege to now be a part of it."



THE CHOICE OF A LIFETIME

After a grueling bout with cancer, Ivan Garcia-Burgos has beaten the odds both on and off the court

In 2014, Ivan Garcia-Burgos was diagnosed with Acute Lymphoblastic Leukemia — a very aggressive form of blood cancer — and after several massive doses of full-body radiation and aggressive chemotherapy, the pain was to the point of unbearable.

The radiation had burned his skin and the side effects from his treatment included nausea, vomiting and violent hiccups, bringing Garcia-Burgos to his breaking point.

“When I was sick and going through the worst part of it, I told myself had two choices ... to give up and die or to keep fighting and living,” Garcia-Burgos said. “I chose to live.”

From there, everything changed for the Orange Coast College sophomore men’s volleyball player. Despite losing more than 60 pounds and almost all of his athletic strength and stamina, Garcia-Burgos was not going to let anything stand in the way of his dream of playing collegiate volleyball.

“Even before I got sick, I wasn’t sure if I was good enough to play at the collegiate level, but after going through what I went through, I figured, ‘How hard can it be?’” Garcia-Burgos said.

After transferring from Saddleback College to OCC, Garcia-Burgos found himself inside Peterson Gymnasium with dozens of the top volleyball athletes in the area, where the answer to that question was readily apparent.

“I remember my first experience with volleyball [at OCC] — there were so many kids, so they assigned each to specific squads and about five minutes in, my legs were trembling from being so tired. I do remember getting the stink eye from some of the guys, but they didn’t know what I was going through. They didn’t know that I was a week into oral chemotherapy.”

Here is head coach Travis Turner’s recollection of the story: “We had 60 guys in the gym and were scrimmaging and he was daily the worst guy in the gym. I was bummed because he was basically killing the scrimmage for his team. I don’t cut anyone so I just had to let it go. About

“OCC has encouraged me to be the best I can be and they haven’t treated me any differently than any other student. That has made this experience so much better. There is a path you can take to be successful and if you’re willing to put in the time and effort to succeed, OCC will help you reach your final goals.”

halfway through practice, he comes over to talk to me and I'm thinking to myself, 'Oh good — he sees this is not going to work.' He says, 'Coach, I need to let you know a few things.' He goes into his story and my jaw is on the ground. The one thing that stuck with me from that conversation, besides the courage he exhibited by even trying to play was that when the ball hits his arms it feels like he is being burnt. The medications he was on caused his skin to tighten up and the pain of the ball hitting it was horrible."

After hearing Ivan's story, Turner went to the team and everything was put into its proper perspective. "Travis talked to the guys and once my teammates knew my story and what I was going through they felt like if he can come out here and give everything he's got to this program, they should be able to as well," Garcia-Burgos said. "I was able to do everything they did. If they did stadium steps, I did stadium steps. If they ran 400s, I ran 400s ... obviously I didn't do them as well or as fast as they did, but as long as I showed them what I was willing to go through for this team, they should be able to make the same effort."

Bringing out the best in his teammates, Garcia-Burgos helped lead the Pirates to the Pacific Coast Conference title and a trip to the California Community College Athletic Association Men's Volleyball State Championship match, where the Pirates fell to powerhouse Long Beach City College in four sets.

Despite all of the adversity, Garcia-Burgos managed to fulfill his dream as he competed with the Pirates for a few points during the season. "I had every intent to redshirt last year, but then Travis threw me in for a serve against El Camino College and I remember being so nervous, I missed the serve for my only action. But later, I got in against Palomar and the work I'd put in on my floating jump-serve paid off. I remember seeing it go over the net, then, drop right onto the line for an ace. It was such an amazing feeling and a sense of accomplishment that I can still compete and play volleyball at a high level."

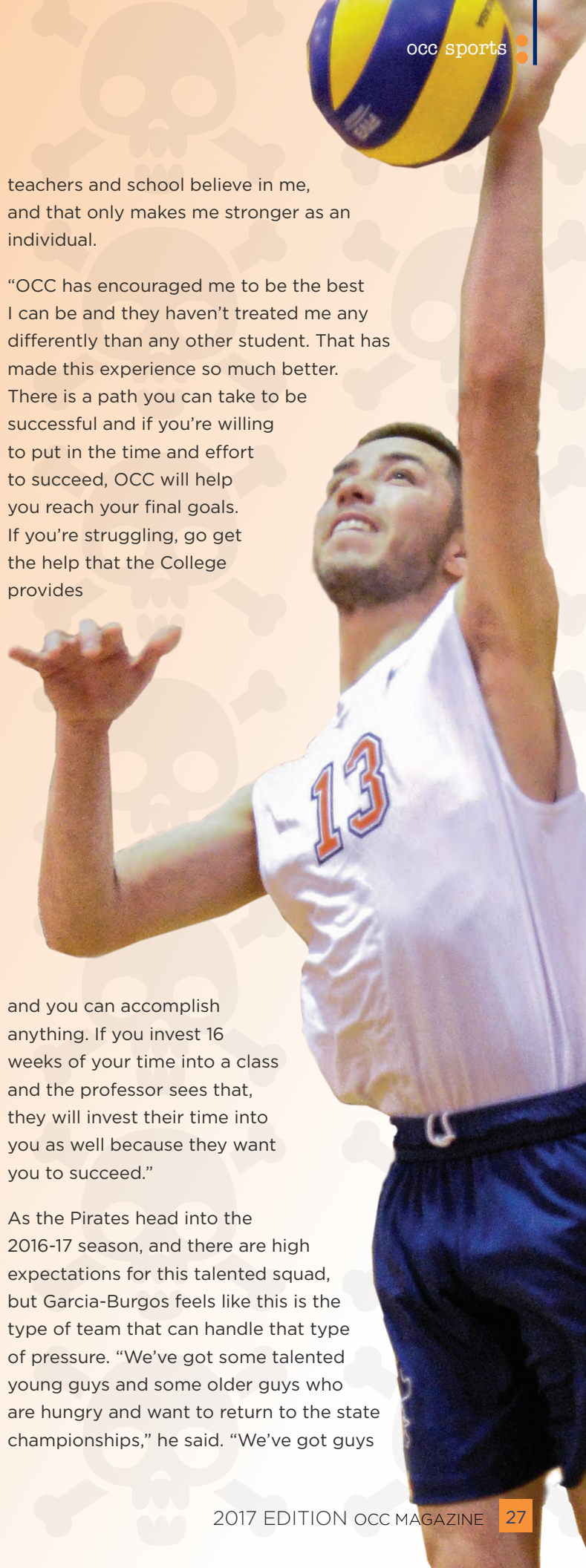
Ivan's amazing spirit wasn't just confined to the volleyball court as the Pirate players became like a second family to the 24-year-old. "The attitude on that team was amazing," Garcia-Burgos said. "It was such a fun season, not only while competing and practicing, but just hanging out and driving to the matches. We all became great friends. The guys believe in me ... the coaches believe in me ... my

teachers and school believe in me, and that only makes me stronger as an individual.

"OCC has encouraged me to be the best I can be and they haven't treated me any differently than any other student. That has made this experience so much better. There is a path you can take to be successful and if you're willing to put in the time and effort to succeed, OCC will help you reach your final goals. If you're struggling, go get the help that the College provides

and you can accomplish anything. If you invest 16 weeks of your time into a class and the professor sees that, they will invest their time into you as well because they want you to succeed."

As the Pirates head into the 2016-17 season, and there are high expectations for this talented squad, but Garcia-Burgos feels like this is the type of team that can handle that type of pressure. "We've got some talented young guys and some older guys who are hungry and want to return to the state championships," he said. "We've got guys



who can lead and our younger guys want to learn and get better. This year, we have some added height which can only make us better. We had a ton of players return to the program from last year and if I had any impact on them coming back, then I'm happy about that."

With a future that at one time looked so bleak, the sky is the limit for Garcia-Burgos following his career with the Pirates. "Ever since I was a little boy, I dreamed about going to UCLA," he said. "I am the first in my family to go to college and I want to graduate with my degree (majoring in communications). I've been given this opportunity and I want to take full advantage of it."

Someday, I'd love to develop a program that teaches doctors and nurses ways to develop better relationships with their patients ... not just to be a 'number' or a statistic."

In addition to his time spent in the classrooms and volleyball court, Garcia-Burgos began his own foundation called "Ivan's Choice" to help others afflicted with cancer.

"I'd love to be able to help others, especially younger kids who are stricken with this disease and don't know what's going on or how to handle the situation," Garcia-Burgos said. "I want to mentor and motivate and give courage — be a leader and a role model for these young patients."

According to Turner, when the Pirates take on Irvine Valley on April 12 all gate proceeds will go directly to Ivan's foundation. "I have learned more from this kid than any I have ever coached," Turner said. "His insistence on being part of the team, regardless of how hard it is, is inspiring. It's impossible for any of us to put ourselves in his shoes and grasp how important this is to him."



After leaving such an impact at Orange Coast College, how would Garcia-Burgos like to be remembered for his tenure with the Pirates? "I want to be known as a person who worked as hard as anyone else and had no excuses to get to where he wanted to get to," Garcia-Burgos said. "I was given an opportunity at OCC ... I took it ... and I was able to move on with my life."

Before I got sick, I was a typical young man. I was a bit selfish and I was someone who didn't worry too much about today or the future. But after going through what I went through, you become a stronger person."

To learn more about Garcia-Burgos' story, visit www.ivanschoice.org

Did You Know?

Orange Coast College prides itself on being a stepping-stone for student-athletes to continue to the four-year level both competitively and academically. Our athletic program is one of the largest in Orange County and the state of California, and to date, the College has garnered more than 100 team and individual state championships, national championships and conference titles. To learn more about Pirate Athletics visit www.occpirateathletics.com

OCC RENAMES FOOTBALL FIELD FOR ICONIC COACH



The naming of Orange Coast College's Dick Tucker Football Field became official in mid-September. During halftime at the school's first home football game of the season against Ventura College, Coach Tucker was recognized and honored with an unveiling of the scoreboard with "Dick Tucker Field."

Tucker coached at OCC for 23 seasons and served as the school's athletic director for 10 years before retiring in 1995. Along the way he guided the Pirates to two national titles (1963 and 1975) as well as four conference championships and six postseason/bowl appearances. His 129 career wins is the most in OCC history and in 2004, Tucker was inducted into the California Community College Football Coaches Association Hall of Fame.

In 1996, Tucker was inducted into the Orange County Sports Hall of Fame and in 2007, he was inducted into the OCC Athletics Hall of Fame.



OCC Executive director of College Advancement Doug Bennett spearheaded the name change after hearing the requests of Tucker's family members as well as the thousands of former players and community members who wanted to see the honor take place.

"The naming came about as a result of requests from alumni, community members and Coach Tucker's family after the 50th anniversary celebration for Dick's 1963 national championship Team and the 40th anniversary of his 1975 national championship team," Bennett said.

Not wanting to bind the College and the District into perpetual naming of the football field, the naming was recommended with the understanding that it would be subject to review in one generation (about 20-25 years).

"I put a lot of wonderful years into Orange Coast College and I wouldn't change a thing," Tucker said. "When I first heard about the honor, I was surprised beyond belief. It is such a nice gesture, and I am so appreciative of everyone who helped make this happen."

TEAM USA

Baseball Coach John Altobelli Savors Global Summer Tour

A lifetime dream was fulfilled by Orange Coast College head coach John Altobelli after joining the U.S. National Collegiate Team on a month-long tour through Taiwan, Japan and Cuba last July as an assistant coach for University of Oregon head coach George Horton.

The opportunity came for the 24-year Pirate head coach when Team USA assistant coach (and Tulane University head coach) David Pierce was hired to become the new head coach at the University of Texas, replacing legendary skipper Augie Garrido.

Horton, who was approached in the past by Altobelli about being an assistant on the Team USA staff, informed the Pirate skipper about the opening and quickly became a part of the staff as a first-base coach and defensive coach. Pierce and Altobelli were teammates at the University of Houston in 1984-85 and with a longtime collegiate coaching connection with Horton, the transition was seamless.

"To have the opportunity to wear a Team USA baseball uniform and represent USA was a dream come true," Altobelli said. "I was never good enough as a player to be on such an elite team so to be a coach on the Collegiate National team was incredible."

The CNT, a squad comprised of collegiate freshmen and sophomores, began its global tour July 5-9 in New Taipei City, Taiwan to take on the Chinese Taipei National squad and there, Team USA split the first four games of their five-game series before the fifth contest was canceled. "To travel to Taiwan, 14 hour airplane trip was fun," Altobelli said. "It was great to experience their culture and city. We even had to deal with a typhoon, which was quite interesting."

Five days later, the squad was back on the field, taking on Team Japan for a five-game set. Japan won the first two games (2-1, 1-0) before the Americans evened the series with a pair of victories (1-0, 10-2) before falling in Game 5, 5-4. "Tokyo, Japan was crazy crowded but extremely clean," Altobelli said. "The funny thing was that I never saw a trash can. As far as baseball goes, they (Team Japan) could really pitch it."



From there, the boys returned to the airport and traveled to Cuba for a five-game series. Team USA won the series three games to two and became the first Collegiate National Team to win a series in Cuba. USA lost two of the first three games before rallying for a 4-1 win in Game 4 and a 2-1 win in the series finale.

"To me, Cuba was like being in the 1950s," Altobelli said. "They were lovely people who don't have a lot and it was amazing the way people were out at all hours. We had to deal with a couple of 10-hour bus trips and police escorts everywhere. From what I was told, this was the most brutal travel schedule the Collegiate National Team had ever experienced, but the guys never complained in spite of the crazy food, the traveling, the time zones and the extreme heat and humidity. It was really a fun group to be with."

Altobelli was the only community college coach to join Horton's coaching staff. Other assistants included former longtime Long Beach State head coach Dave Snow, Ted Silva (University of Nebraska), Jason Gill (Loyola Marymount) and Mitch Karraker (Oregon).

"It was an amazing month of July and I was extremely proud to represent the USA," Altobelli said.

‘MR. OCC’ INDUCTED INTO ORANGE COAST COLLEGE ALUMNI HALL OF FAME

The return of Jim Carnett for Orange Coast College’s Alumni Hall of Fame honor could be called a homecoming of sorts — and rightly so. Carnett not only spent nearly his entire 36-year career at Coast, he was a student at the College in the early 1960s and credits OCC with helping him find his passion in public relations.

“I came to OCC in the Fall of 1962, and the College was my lifeline for many years. Without OCC, I would never have finished college,” Carnett says.

During his time at Coast, Carnett took three years off to serve in the army, later returning to finish his associate’s degree and transfer to Cal State Fullerton, where he received a bachelor’s degree in communications. From there, he continued on to Pepperdine University to complete his master’s degree.

During his senior year at CSUF, Carnett decided to try his hand in public relations, and approached OCC’s director of public information Don Jacobs to inquire about an internship, which he quickly got. “Don assigned me a lot of challenging tasks and projects, and I just fell in love with the job,” he says. “I thought ‘This is perfect, this is what I can do, and this is what I enjoy.’”

Carnett would eventually land at OCC full-time, as an assistant in the College’s public information office, and was promoted to director of public information a year later. He worked at the College for 36 years before retiring in 2008.

At Coast he met his wife of 42 years, Hedy, who worked at the College as a telephone operator, and they have spent much of their marriage living right across the street in the Mesa Del Mar housing tract. While at OCC, Carnett branched outside of his regular duties often, whether it was to serve as the announcer at football and basketball home games, or to play a role in one of the College’s many theater productions. It was little wonder that Carnett was



eventually dubbed “Mr. OCC” during his years at Coast.

During his years as the director of community relations, Carnett served on the board for the National Council of Marketing and

Public Relations (NCMPR) and was a founding member for the California Community College Public Relations Organization (CCPRO). He also was the president of the California Sports Information Directors organization and worked as a columnist for the Daily Pilot newspaper, a publication he still contributes to regularly.

Carnett was inducted into OCC’s Alumni Hall of Fame in May. A plaque bearing his likeness was mounted in the OCC Library, and he was formally recognized at the College’s 68th Commencement Ceremony.

Fun Fact:

During his 37-year career, Jim Carnett wrote more than 50,000 press releases that he sent to local news media.

~ In Memoriam ~

Dr. Tom Garrison

“Distinguished Professor” Dr. Tom Garrison passed away on Feb. 24 from complications related to lymphoma. He was 73.

Dr. Garrison was instrumental in developing OCC’s marine science department into one of the largest programs of its kind in the U.S.

— Coast is the only community college in the nation to boast an entirely student-run public aquarium. Over the span of his career, he wrote 15 textbooks, including bestselling “Oceanography” which has been translated into five languages and is widely used in college marine science and oceanography programs all over the world. He donated a portion of his royalties from the book’s use at OCC back to the College’s foundation

In his 45-year career as an educator, Dr. Garrison was continually recognized for his contributions to academia: he was named the country’s Outstanding Marine Educator by the National Marine Technology Society, won the ACCT Pacific Regional Faculty Award in 2010, and was a winner of the prestigious Salgo-Noren Foundation Award for Excellence in College Teaching.

During his career, he also helped write the script for the PBS syndicated Emmy-award winning television series “Oceanus,” and wrote and edited scripts for “National Geographic” and the “Science Channel.”

At a memorial held in OCC’s Robert B. Moore Theatre, Dr. Garrison’s daughter Jeanne Allen credited her dad with inspiring her to become a teacher. “He dedicated his life to his family and his students, and he wanted me to tell you all that we ... were his hope for the future,” she said. “He would want us to find what makes us truly happy, and then race, unwaveringly, toward it.”



Jane Hilgendorf

Longtime coach, administrator and advisor to the OCC Kinesiology and Athletics Department Jane Hilgendorf died on March 27. She was 74.

“Jane absolutely loved Orange Coast College,” former coach and athletic director Barbara Bond said of her longtime co-worker. “She worked tirelessly as athletic director and dean to improve the athletic programs and improve the competitive experience for the OCC students. She was also one of the pioneers for women’s athletics at the state level, ushering in Title IX and its impact on women’s sports throughout the California community colleges.”

Hilgendorf began her OCC career in the fall of 1970 as a P.E. instructor. In 1971 she helped develop OCC’s co-ed volleyball team. Two years later, Hilgendorf took over the Pirate women’s program and over the next 18 years, compiling a 233-100 record and helping guide the Pirates to 15 playoff appearances in 19 years, five conference titles and three state championships (1978, 1980, 1982).

In 1978, Hilgendorf was named the California Community College Volleyball Coach of the Year and in 1995, she was inducted into the California Community College Women’s Volleyball Coaches Association Hall of Fame.

Following her coaching career, Hilgendorf became the Assistant Athletic Director from 1991 until 1998, and the Dean and Athletics Director of Physical Education and Athletics Division from 1998 until 2001.

Hilgendorf’s tireless work with the Pirates earned her an induction into the Orange Coast College Athletics Hall of Fame in 2007.



Legacy

Are you interested in supporting Orange Coast College’s mission but feel overwhelmed by the thought of writing another check or relinquishing your assets today? A simple, flexible and versatile way to make a gift is to include OCC in your will or living trust, known as a charitable bequest.

By including a bequest to the Orange Coast College Foundation in your will or living trust, you will be leaving a lasting legacy that will benefit Coast students for years to come.

For information on how to include the OCC Foundation in your will or trust please contact Doug Bennett, at (714) 432-5126 or dbennett@cccd.edu, or visit our website at www.occ.gift-planning.org

ALUMNI SPOTLIGHT

Jake McPeck from Mess Hall Canteen

For OCC culinary alum Jake McPeck, business is a family affair.

McPeck is a recent winner of the Food Network's Food Truck Face Off, with the top prize being a brand new food truck that he and his family have dubbed the "Mess Hall Canteen."

"My dad is helping me out with the cooking, my girlfriend is running the window, my mom is doing the books ... it's been a blast," says McPeck. Mess Hall Canteen travels all over Orange County serving up tasty cuisine such as mac n' cheese topped with lobster, snow crab, bacon, masago aioli and sharp cheddar, or a sautéed kale bowl topped with braised wagyu beef, bacon, barbeque sauce, chipotle aioli and sharp cheddar.

With a little more than a year under his belt, McPeck admits that he likes being his own boss, even if it means that he has to be up at sunrise every day to source ingredients for an ever-changing menu.

"The fun part of a food truck is you don't have to keep the same menu all the time, you can change things up," he says. "That's where my experience has really helped me out."

McPeck inherited his passion for gourmet food from his dad, a veteran who has always dreamed of becoming a chef. When he enrolled in culinary classes at Coast, he knew right away that he had found his passion. "I just fell in love with it, and now it's an everyday way of life for me," McPeck says.

He absorbed as much as he could during his three years at OCC, even enrolling in a study abroad program that took him to Italy, and then to Germany for the Culinary Olympics. "That was probably one of the highlights of my time at school," McPeck said.

He has worked at a number of hot spots all over Southern California, including 2nd Floor in Huntington Beach, and



Katsuya in Laguna Beach, San Diego and Los Angeles. McPeck also worked for Wolfgang Puck restaurants, where he was offered a position in Seattle around the same time as he found out he had been chosen to compete on Food Truck Challenge.

"When I was telling [Wolfgang Puck management] about the show was at the same time they offered me the position and residency in Seattle," he says. After choosing and winning the Food Truck Challenge, McPeck has no regrets. "I definitely think it was worth the gamble. I knew I had a one out of four chance of winning a truck and starting my own business."

Grateful for his time at OCC, McPeck gives back by inviting culinary students who are looking for experience to work as interns at Mess Hall Canteen. He's also happy to share any and all useful tips he's picked up along the way.

"I know it's important for students in the culinary program to get experience, because that's what restaurants are looking for [when hiring]," he said. "Anything I can do to help, I'm happy to do it."

ORANGE COAST COLLEGE ALUMNI & FRIENDS

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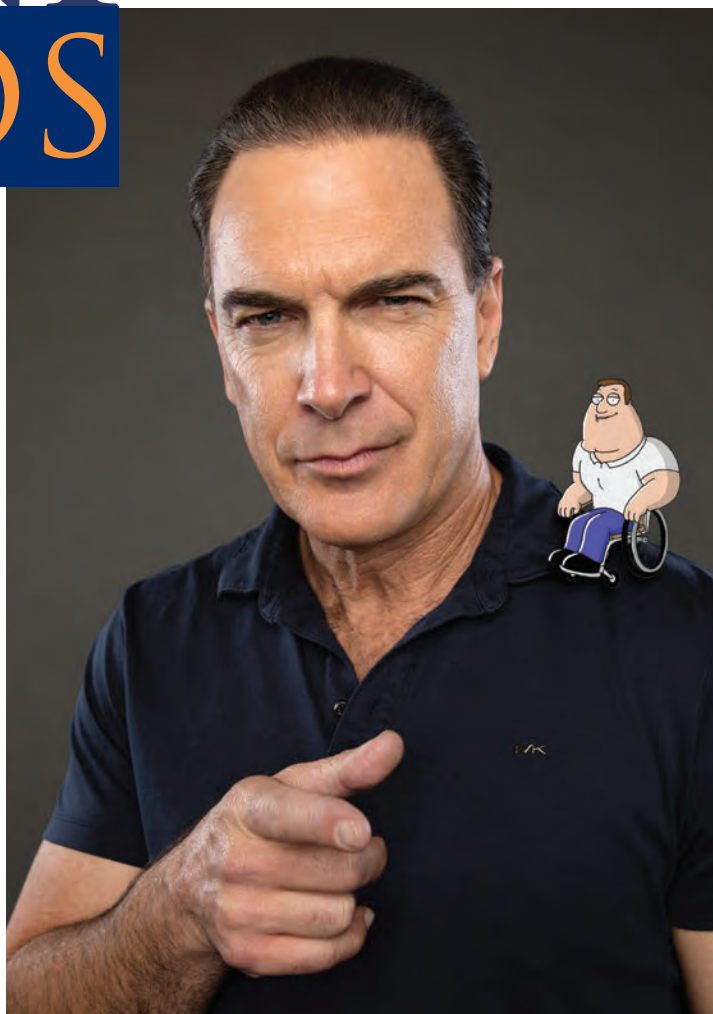
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You are considered an Alumni and Friend if you ever took a single class. Membership is a great way to keep in touch with OCC and fellow Pirates. Alumni Association members not only receive great resources, they also support current students through the annual Alumni and Friends Scholarship.

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- Access to College resources, such as state-of-the-art computer labs, the job placement center and a large library
- Invitations to special events and celebrations on campus
- Updates on the College news through newsletters
- Local retail discounts through the Bursar's Office



Actor Patrick Warburton is an OCC alum who attended Coast in the 1980s and rowed crew. Warburton is known for playing several well-known roles, including David Puddy on "Seinfeld," the title role on "The Tick," and for providing the voice for Joe Swanson on "Family Guy."

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